

driving_behavior_random_forest_v5

August 31, 2022

```
[ ]: import numpy as np
import pandas as pd
import seaborn as sns
import matplotlib.pyplot as plt
```

```
[ ]: df_training = pd.read_csv("../data_mod/train_motion_data.csv")
df_test = pd.read_csv("../data_mod/test_motion_data.csv")

df_training
```

```
[ ]:      AccX      AccY      GyroZ      Class      DiffAccX      DiffAccY      VelX \
0      0.000000      0.000000      0.101938      NORMAL      0.000000      0.000000      0.000000
1     -1.624864     -1.082492      0.135536      NORMAL     -1.624864     -1.082492     -0.812432
2     -0.594660     -0.122410      0.087888      NORMAL      1.030204      0.960082     -0.297330
3      0.738478     -0.228456      0.054902      NORMAL      1.333138     -0.106046      0.369239
4      0.101741      0.777568      0.054902      NORMAL     -0.636737      1.006023      0.050871
...      ...      ...      ...      ...      ...      ...
3639      0.915688     -2.017489     -1.236468      SLOW      2.374675     -1.824629      0.457844
3640     -1.934203      0.914925     -0.477162      SLOW     -2.849891      2.932414     -0.967102
3641     -0.222845      0.747304      0.054291      SLOW      1.711359     -0.167621     -0.111422
3642     -0.349423      0.067261     -0.004963      SLOW     -0.126579     -0.680043     -0.174712
3643     -0.402428      0.406218      0.001145      SLOW     -0.053005      0.338957     -0.201214
```

```
      VelY
0      0.000000
1     -0.541246
2     -0.061205
3     -0.114228
4      0.388784
...      ...
3639     -1.008745
3640      0.457462
3641      0.373652
3642      0.033630
3643      0.203109
```

[3644 rows x 8 columns]

```
[ ]: df_training.isna().sum()
```

```
[ ]: AccX      0
      AccY      0
      GyroZ     0
      Class     0
      DiffAccX  0
      DiffAccY  0
      VelX      0
      VelY      0
      dtype: int64
```

0.0.1 Change categories to numbers

```
[ ]: df_training = df_training.replace(
      {"Class": {"NORMAL": 0, "AGGRESSIVE": 1, "SLOW": 2}})
df_test = df_test.replace(
      {"Class": {"NORMAL": 0, "AGGRESSIVE": 1, "SLOW": 2}})
df_training
```

```
[ ]:      AccX      AccY      GyroZ  Class  DiffAccX  DiffAccY      VelX  \
0      0.000000  0.000000  0.101938      0  0.000000  0.000000  0.000000
1     -1.624864 -1.082492  0.135536      0 -1.624864 -1.082492 -0.812432
2     -0.594660 -0.122410  0.087888      0  1.030204  0.960082 -0.297330
3      0.738478 -0.228456  0.054902      0  1.333138 -0.106046  0.369239
4      0.101741  0.777568  0.054902      0 -0.636737  1.006023  0.050871
...      ...      ...      ...      ...      ...      ...
3639  0.915688 -2.017489 -1.236468      2  2.374675 -1.824629  0.457844
3640 -1.934203  0.914925 -0.477162      2 -2.849891  2.932414 -0.967102
3641 -0.222845  0.747304  0.054291      2  1.711359 -0.167621 -0.111422
3642 -0.349423  0.067261 -0.004963      2 -0.126579 -0.680043 -0.174712
3643 -0.402428  0.406218  0.001145      2 -0.053005  0.338957 -0.201214
```

```
      VelY
0      0.000000
1     -0.541246
2     -0.061205
3     -0.114228
4      0.388784
...      ...
3639 -1.008745
3640  0.457462
3641  0.373652
3642  0.033630
3643  0.203109
```

```
[3644 rows x 8 columns]
```

0.0.2 Normalize data

```
[ ]: X_train = df_training.drop(columns=["Class"])
X_train = (X_train - X_train.mean()) / X_train.std() * 100

X_train["Class"] = df_training["Class"]
X_train
```

```
[ ]:      AccX      AccY      GyroZ      DiffAccX      DiffAccY      VelX \
0      -4.105593      8.126800      81.244480      0.010300      -0.010421      -4.105593
1     -168.957027    -111.696347     110.286351    -151.542377    -101.201825    -168.957027
2     -64.437130     -5.422989      69.099704      96.098456      89.738101     -64.437130
3      70.817107    -17.161393      40.585870     124.353421     -9.923577      70.817107
4       6.216602     94.197287      40.585870     -59.378806      94.032688       6.216602
...
3639     88.795978    -215.193071    -1075.677828     221.498566    -170.576840     88.795978
3640    -200.341232     109.401604     -419.331681    -265.801873     274.111831    -200.341232
3641    -26.714411      90.847295      40.057837     159.630443    -15.679652    -26.714411
3642    -39.556507     15.572024     -11.161455    -11.795809    -63.580862    -39.556507
3643    -44.934120     53.091875      -5.881115     -4.933494     31.675331    -44.934120
```

```
      VelY      Class
0       8.126800        0
1    -111.696347        0
2     -5.422989        0
3    -17.161393        0
4     94.197287        0
...
3639    -215.193071        2
3640     109.401604        2
3641      90.847295        2
3642      15.572024        2
3643      53.091875        2
```

[3644 rows x 8 columns]

```
[ ]: X_testing = df_test.drop(columns=["Class"])
X_testing = (X_testing - X_testing.mean()) / X_testing.std() * 100

X_testing["Class"] = df_test["Class"]
X_testing
```

```
[ ]:      AccX      AccY      GyroZ      DiffAccX      DiffAccY      VelX \
0      67.345100     -9.509000    -10.104756     -0.021340     -0.012385    -10.948927
1      57.982946     10.303100     188.298737     -8.494392     16.758078     58.012497
2     270.452050    -824.010358    -43.597957    192.270076    -706.238535    270.496822
3     229.805029    -828.171460    -55.972952    -36.808209     -3.534656    229.846889
4     283.133326   -732.402479      20.967248      48.242495     81.053740     283.179007
```

```

...
3079 -84.712435 -57.627689 445.483427 -73.609489 -1.097380 -84.693107
3080 145.444037 51.068429 -604.239195 208.277716 91.996249 145.479853
3081 121.268079 -177.287100 -422.380477 -21.901364 -193.309813 121.302164
3082 83.265000 79.069807 347.559582 -34.415357 216.987532 83.296362
3083 140.063424 35.612446 57.016155 51.383072 -36.797989 140.098855

```

```

      Vely Class
0      14.564454      1
1      10.295271      1
2     -824.016540      1
3     -828.177633      1
4     -732.408842      1
...
3079 -57.635384      2
3080  51.060520      2
3081 -177.294558      2
3082  79.061842      2
3083  35.604567      2

```

[3084 rows x 8 columns]

0.0.3 Change data to percentiles

```

[ ]: """X_n_quantile = pd.DataFrame(columns=df_training.columns)

quantiles = [0.05, 0.25, 0.5, 0.75, 0.90]
columns = ["AccX", "AccY", "DiffAccX", "DiffAccY", "Class"]

for column in columns:
    data_quantiles = []
    for quan in quantiles:
        if(quan == "Class"):
            data_quantiles.append(int(X_n[column].quantile(quan)))
        else:
            data_quantiles.append(X_n[column].quantile(quan))

    X_n_quantile[column] = data_quantiles

X_n_quantile"""

[ ]: 'X_n_quantile = pd.DataFrame(columns=df_training.columns)\n\nquantiles = [0.05,
0.25, 0.5, 0.75, 0.90]\ncolumns = ["AccX", "AccY", "DiffAccX", "DiffAccY",
"Class"]\n\nfor column in columns:\n    data_quantiles = []\n    for quan in
quantiles:\n        if(quan == "Class"):\n            data_quantiles.append(int(X_n[column].quantile(quan)))\n        else:\n
data_quantiles.append(X_n[column].quantile(quan))\n    \n

```

```
X_n_quantile[column] = data_quantiles\n\nX_n_quantile'
```

0.0.4 Balance data

0.1 Train model

```
[ ]: X_training = X_train.drop(columns="Class")
     y_training = X_train.Class

     X_test = X_testing.drop(columns="Class")
     y_test = X_testing.Class

[ ]: from sklearn.ensemble import RandomForestClassifier
     from sklearn.model_selection import GridSearchCV, RandomizedSearchCV
     from sklearn.metrics import confusion_matrix, ConfusionMatrixDisplay

[ ]: rfc = RandomForestClassifier(n_estimators=30, max_depth=15, random_state=5,
     ↪criterion="entropy")
     rfc.fit(X_training, y_training)

[ ]: RandomForestClassifier(criterion='entropy', max_depth=15, n_estimators=30,
     random_state=5)

[ ]: rfc.score(X_training, y_training)

[ ]: 0.8210757409440176

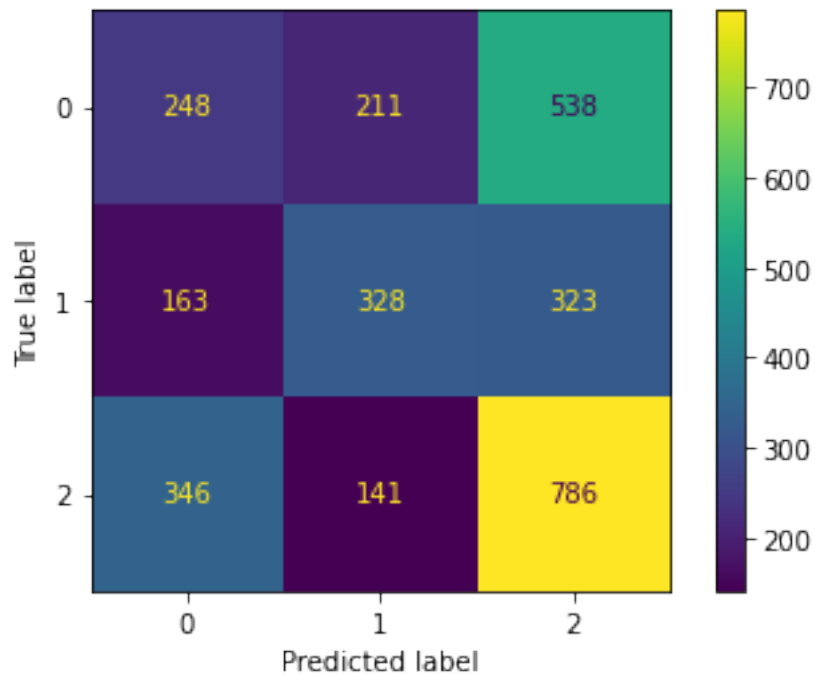
[ ]: rfc.score(X_test, y_test)

[ ]: 0.44163424124513617

[ ]: y_pred = rfc.predict(X_test)

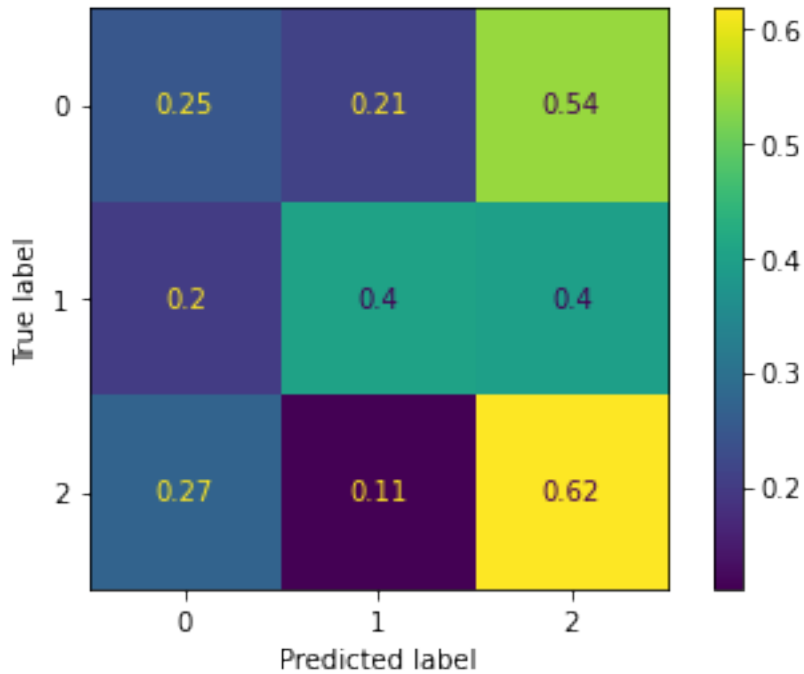
     CM = confusion_matrix(y_test, y_pred)
     display = ConfusionMatrixDisplay(confusion_matrix=CM,
     display_labels=rfc.classes_)
     display.plot()

[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x29627faf0>
```



```
[ ]: CM_norm = confusion_matrix(y_test, y_pred, normalize="true")
      display = ConfusionMatrixDisplay(confusion_matrix=CM_norm,
      display_labels=rfc.classes_)
      display.plot()
```

```
[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x2967113c0>
```



```
[ ]: rfc.score(X_test, y_test)
```

```
[ ]: 0.44163424124513617
```

```
[ ]: rfc_imp = pd.DataFrame(rfc.feature_importances_, columns=['importance'])
```

```
[ ]: rfc_imp['importance'] = rfc_imp['importance'] * 100
      rfc_imp = rfc_imp.set_index(X_training.columns)
      rfc_imp
```

```
[ ]:
      importance
AccX      13.547156
AccY      14.798800
GyroZ     13.424925
DiffAccX   14.207226
DiffAccY   15.053569
VelX       13.623636
VelY       15.344688
```

```
[ ]: rfc_imp.sort_values(by='importance', ascending=False)
```

```
[ ]:
      importance
VelY      15.344688
DiffAccY  15.053569
AccY      14.798800
```

DiffAccX	14.207226
VelX	13.623636
AccX	13.547156
GyroZ	13.424925

0.1.1 Train model with RandomSearchCV

```
[ ]: n_estimators = np.arange(2, 200, 2)

max_features = ['sqrt', None]

max_depth = [int(x) for x in np.linspace(5, 20, num = 20)]
max_depth.append(None)

min_samples_split = np.arange(2, 10)

min_samples_leaf = np.arange(1, 4)

bootstrap = [True, False]
random_grid = {'n_estimators': n_estimators,
               'max_features': max_features,
               'max_depth': max_depth,
               'min_samples_split': min_samples_split,
               'min_samples_leaf': min_samples_leaf,
               'bootstrap': bootstrap}

[ ]: weights = {0:1.2, 1:1.4, 2:1}
random_forest = RandomForestClassifier(random_state=0, criterion="entropy",
    ↪min_impurity_decrease=0, class_weight=weights)

param_grid = {'n_estimators': np.arange(2, 30, 2), 'max_depth': np.arange(3,
    ↪30), 'max_leaf_nodes': np.arange(6, 30, 2), 'min_samples_leaf': np.arange(1,
    ↪4)}

# best_params: test 47.5% {'max_depth': 7, 'n_estimators': 33}

# AccY, AccX, GyroZ, GyroX
# best params 2 : test 47% {'n_estimators': 96, 'min_samples_split': 3
    ↪'min_samples_leaf': 1, 'max_features': 'sqrt', 'max_depth': 5, 'bootstrap':
    ↪False}

random_gscv = RandomizedSearchCV(random_forest, random_grid, n_iter=400, cv=5,
    ↪verbose=10, n_jobs=10, random_state=0)
random_gscv.fit(X_training, y_training)
```

Fitting 5 folds for each of 400 candidates, totalling 2000 fits
 [CV 2/5; 1/400] START bootstrap=False, max_depth=None, max_features=None,


```

min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 5/5; 2/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16
[CV 3/5; 2/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16
[CV 4/5; 1/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 3/5; 1/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 5/5; 1/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 4/5; 2/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16
[CV 1/5; 2/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16
[CV 1/5; 1/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 2/5; 2/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16
[CV 3/5; 2/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16;; score=0.401 total
time= 0.1s
[CV 4/5; 2/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16;; score=0.374 total
time= 0.1s
[CV 1/5; 2/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16;; score=0.428 total
time= 0.1s
[CV 5/5; 2/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16;; score=0.415 total
time= 0.1s
[CV 1/5; 3/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80
[CV 2/5; 3/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80
[CV 3/5; 3/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80
[CV 2/5; 2/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=16;; score=0.403 total
time= 0.1s
[CV 4/5; 3/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80
[CV 5/5; 3/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80
[CV 1/5; 3/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80;; score=0.409 total
time= 2.6s
[CV 1/5; 4/400] START bootstrap=False, max_depth=7, max_features=None,

```

```

min_samples_leaf=2, min_samples_split=9, n_estimators=88
[CV 2/5; 3/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80;; score=0.399 total
time= 2.6s
[CV 2/5; 4/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88
[CV 5/5; 3/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80;; score=0.383 total
time= 2.6s
[CV 3/5; 4/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88
[CV 3/5; 3/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80;; score=0.383 total
time= 2.7s
[CV 4/5; 4/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88
[CV 4/5; 3/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=80;; score=0.390 total
time= 2.7s
[CV 5/5; 4/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88
[CV 1/5; 4/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88;; score=0.402 total
time= 1.5s
[CV 1/5; 5/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102
[CV 4/5; 1/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.366 total
time= 4.3s
[CV 4/5; 4/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88;; score=0.370 total
time= 1.5s
[CV 2/5; 5/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102
[CV 2/5; 4/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88;; score=0.390 total
time= 1.5s
[CV 3/5; 5/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102
[CV 4/5; 5/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102
[CV 3/5; 4/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88;; score=0.343 total
time= 1.5s
[CV 5/5; 5/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102
[CV 2/5; 1/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.416 total

```

```

time= 4.3s
[CV 1/5; 6/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108
[CV 5/5; 4/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=88;; score=0.338 total
time= 1.5s
[CV 2/5; 6/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108
[CV 5/5; 1/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.405 total
time= 4.4s
[CV 3/5; 6/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108
[CV 1/5; 1/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.385 total
time= 4.7s
[CV 4/5; 6/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108
[CV 3/5; 1/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.353 total
time= 5.2s
[CV 5/5; 6/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108
[CV 2/5; 5/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102;; score=0.402 total
time= 1.1s
[CV 1/5; 6/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108;; score=0.425 total
time= 1.0s
[CV 1/5; 7/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18
[CV 2/5; 7/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18
[CV 3/5; 5/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102;; score=0.377 total
time= 1.1s
[CV 3/5; 7/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18
[CV 5/5; 5/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102;; score=0.411 total
time= 1.1s
[CV 4/5; 7/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18
[CV 1/5; 5/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102;; score=0.431 total
time= 1.2s
[CV 3/5; 6/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108;; score=0.372 total

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time= 1.0s
[CV 5/5; 7/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18
[CV 1/5; 8/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52
[CV 4/5; 5/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=102;; score=0.394 total
time= 1.2s
[CV 2/5; 6/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108;; score=0.403 total
time= 1.1s
[CV 2/5; 8/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52
[CV 3/5; 8/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52
[CV 2/5; 7/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18;; score=0.374 total
time= 0.1s
[CV 1/5; 7/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18;; score=0.427 total
time= 0.1s
[CV 4/5; 8/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52
[CV 5/5; 8/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52
[CV 3/5; 7/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18;; score=0.398 total
time= 0.1s
[CV 1/5; 9/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36
[CV 4/5; 7/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18;; score=0.370 total
time= 0.2s
[CV 5/5; 7/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=18;; score=0.420 total
time= 0.1s
[CV 2/5; 9/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36
[CV 3/5; 9/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36
[CV 4/5; 6/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108;; score=0.374 total
time= 1.0s
[CV 4/5; 9/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36
[CV 3/5; 9/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.398 total
time= 0.5s

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[CV 2/5; 9/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.376 total
time= 0.5s

[CV 5/5; 9/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 1/5; 10/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=36

[CV 1/5; 9/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.453 total
time= 0.6s

[CV 2/5; 10/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=36

[CV 4/5; 9/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.390 total
time= 0.5s

[CV 3/5; 10/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=36

[CV 5/5; 6/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=108;; score=0.415 total
time= 1.0s

[CV 4/5; 10/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=36

[CV 5/5; 9/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.423 total
time= 0.4s

[CV 5/5; 10/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=36

[CV 2/5; 8/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52;; score=0.372 total
time= 1.1s

[CV 1/5; 11/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=130

[CV 4/5; 8/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52;; score=0.374 total
time= 1.1s

[CV 2/5; 11/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=130

[CV 3/5; 8/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52;; score=0.410 total
time= 1.2s

[CV 3/5; 11/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=130

[CV 5/5; 8/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52;; score=0.448 total
time= 1.2s

[CV 1/5; 8/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=52;; score=0.402 total
time= 1.2s

[CV 4/5; 11/400] START bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130
 [CV 5/5; 11/400] START bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130
 [CV 1/5; 10/400] END bootstrap=False, max_depth=8, max_features=None,
 min_samples_leaf=2, min_samples_split=8, n_estimators=36;; score=0.416 total
 time= 0.6s
 [CV 1/5; 12/400] START bootstrap=False, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=156
 [CV 2/5; 10/400] END bootstrap=False, max_depth=8, max_features=None,
 min_samples_leaf=2, min_samples_split=8, n_estimators=36;; score=0.373 total
 time= 0.7s
 [CV 2/5; 12/400] START bootstrap=False, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=156
 [CV 4/5; 10/400] END bootstrap=False, max_depth=8, max_features=None,
 min_samples_leaf=2, min_samples_split=8, n_estimators=36;; score=0.353 total
 time= 0.7s
 [CV 3/5; 12/400] START bootstrap=False, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=156
 [CV 3/5; 10/400] END bootstrap=False, max_depth=8, max_features=None,
 min_samples_leaf=2, min_samples_split=8, n_estimators=36;; score=0.348 total
 time= 0.7s
 [CV 4/5; 12/400] START bootstrap=False, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=156
 [CV 5/5; 10/400] END bootstrap=False, max_depth=8, max_features=None,
 min_samples_leaf=2, min_samples_split=8, n_estimators=36;; score=0.380 total
 time= 0.6s
 [CV 5/5; 12/400] START bootstrap=False, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=156
 [CV 1/5; 11/400] END bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130;; score=0.425 total
 time= 0.9s
 [CV 1/5; 13/400] START bootstrap=False, max_depth=6, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=112
 [CV 4/5; 11/400] END bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130;; score=0.401 total
 time= 0.9s
 [CV 5/5; 11/400] END bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130;; score=0.434 total
 time= 0.9s
 [CV 2/5; 11/400] END bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130;; score=0.388 total
 time= 0.9s
 [CV 2/5; 13/400] START bootstrap=False, max_depth=6, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=112
 [CV 3/5; 11/400] END bootstrap=True, max_depth=19, max_features=sqrt,
 min_samples_leaf=1, min_samples_split=9, n_estimators=130;; score=0.414 total
 time= 0.9s

[CV 3/5; 13/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112

[CV 4/5; 13/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112

[CV 5/5; 13/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112

[CV 2/5; 12/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=156;; score=0.405 total
time= 1.6s

[CV 1/5; 12/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=156;; score=0.412 total
time= 1.6s

[CV 1/5; 14/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 2/5; 14/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 3/5; 12/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=156;; score=0.377 total
time= 1.7s

[CV 3/5; 14/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 4/5; 12/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=156;; score=0.399 total
time= 1.7s

[CV 4/5; 14/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 5/5; 12/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=156;; score=0.393 total
time= 1.6s

[CV 5/5; 14/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 3/5; 13/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112;; score=0.357 total
time= 1.5s

[CV 1/5; 15/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16

[CV 1/5; 13/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112;; score=0.406 total
time= 1.6s

[CV 2/5; 15/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16

[CV 2/5; 13/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112;; score=0.391 total
time= 1.6s

[CV 3/5; 15/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16

[CV 5/5; 13/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112;; score=0.386 total

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time= 1.6s
[CV 4/5; 13/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=112;; score=0.374 total
time= 1.6s
[CV 4/5; 15/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16
[CV 5/5; 15/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16
[CV 2/5; 14/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.409 total
time= 0.8s
[CV 1/5; 16/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104
[CV 1/5; 14/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.428 total
time= 1.0s
[CV 2/5; 16/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104
[CV 4/5; 14/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.381 total
time= 0.9s
[CV 3/5; 16/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104
[CV 1/5; 15/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16;; score=0.416 total
time= 0.5s
[CV 4/5; 16/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104
[CV 2/5; 15/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16;; score=0.401 total
time= 0.5s
[CV 5/5; 16/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104
[CV 3/5; 15/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16;; score=0.390 total
time= 0.5s
[CV 5/5; 15/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16;; score=0.398 total
time= 0.5s
[CV 1/5; 17/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192
[CV 4/5; 15/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=16;; score=0.390 total
time= 0.5s
[CV 2/5; 17/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192
[CV 3/5; 14/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.387 total

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time= 1.1s
[CV 3/5; 17/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192
[CV 4/5; 17/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192
[CV 5/5; 14/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.424 total
time= 0.9s
[CV 5/5; 17/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192
[CV 1/5; 16/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104;; score=0.433 total
time= 0.6s
[CV 1/5; 18/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124
[CV 2/5; 16/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104;; score=0.406 total
time= 0.6s
[CV 2/5; 18/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124
[CV 3/5; 16/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104;; score=0.385 total
time= 0.6s
[CV 3/5; 18/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124
[CV 4/5; 16/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104;; score=0.401 total
time= 0.6s
[CV 4/5; 18/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124
[CV 5/5; 16/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=104;; score=0.413 total
time= 0.6s
[CV 5/5; 18/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124
[CV 2/5; 18/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124;; score=0.392 total
time= 1.3s
[CV 1/5; 19/400] START bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104
[CV 3/5; 18/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124;; score=0.368 total
time= 1.3s
[CV 1/5; 18/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124;; score=0.418 total
time= 1.5s
[CV 2/5; 19/400] START bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104

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[CV 3/5; 19/400] START bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104

[CV 4/5; 18/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124;; score=0.373 total
time= 1.3s

[CV 4/5; 19/400] START bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104

[CV 5/5; 18/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=124;; score=0.408 total
time= 1.3s

[CV 5/5; 19/400] START bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104

[CV 1/5; 19/400] END bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104;; score=0.442 total
time= 0.9s

[CV 1/5; 20/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142

[CV 2/5; 19/400] END bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104;; score=0.396 total
time= 1.0s

[CV 3/5; 19/400] END bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104;; score=0.391 total
time= 1.0s

[CV 2/5; 20/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142

[CV 3/5; 20/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142

[CV 4/5; 19/400] END bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104;; score=0.405 total
time= 0.9s

[CV 4/5; 20/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142

[CV 5/5; 19/400] END bootstrap=False, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=104;; score=0.412 total
time= 1.0s

[CV 5/5; 20/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142

[CV 1/5; 17/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192;; score=0.429 total
time= 3.6s

[CV 1/5; 21/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58

[CV 2/5; 17/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192;; score=0.394 total
time= 3.7s

[CV 2/5; 21/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58

[CV 5/5; 17/400] END bootstrap=True, max_depth=17, max_features=None,

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min_samples_leaf=3, min_samples_split=3, n_estimators=192;; score=0.433 total
time= 3.7s
[CV 3/5; 21/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58
[CV 4/5; 17/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192;; score=0.399 total
time= 3.7s
[CV 4/5; 21/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58
[CV 3/5; 17/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=192;; score=0.421 total
time= 3.8s
[CV 5/5; 21/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58
[CV 1/5; 21/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58;; score=0.407 total
time= 0.7s
[CV 1/5; 22/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 3/5; 21/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58;; score=0.348 total
time= 0.6s
[CV 2/5; 22/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 4/5; 21/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58;; score=0.381 total
time= 0.7s
[CV 3/5; 22/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 2/5; 21/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58;; score=0.379 total
time= 0.7s
[CV 4/5; 22/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 5/5; 21/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=58;; score=0.386 total
time= 0.7s
[CV 5/5; 22/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 1/5; 22/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.414 total
time= 0.2s
[CV 1/5; 23/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180
[CV 2/5; 22/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.410 total
time= 0.2s
[CV 2/5; 23/400] START bootstrap=True, max_depth=18, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=2, n_estimators=180
[CV 3/5; 22/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.359 total
time= 0.2s
[CV 3/5; 23/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180
[CV 4/5; 22/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.392 total
time= 0.2s
[CV 4/5; 23/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180
[CV 5/5; 22/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.385 total
time= 0.2s
[CV 5/5; 23/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180
[CV 1/5; 23/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180;; score=0.425 total
time= 1.1s
[CV 2/5; 23/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180;; score=0.399 total
time= 1.1s
[CV 1/5; 24/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174
[CV 2/5; 24/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174
[CV 3/5; 23/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180;; score=0.398 total
time= 1.2s
[CV 3/5; 24/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174
[CV 4/5; 23/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180;; score=0.401 total
time= 1.1s
[CV 4/5; 24/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174
[CV 5/5; 23/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=180;; score=0.423 total
time= 1.2s
[CV 5/5; 24/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174
[CV 1/5; 20/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142;; score=0.424 total
time= 3.5s
[CV 1/5; 25/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184
[CV 3/5; 20/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142;; score=0.332 total

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time= 3.5s
[CV 2/5; 25/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184
[CV 2/5; 20/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142;; score=0.383 total
time= 3.6s
[CV 3/5; 25/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184
[CV 5/5; 20/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142;; score=0.376 total
time= 3.6s
[CV 4/5; 25/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184
[CV 4/5; 20/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=142;; score=0.364 total
time= 3.6s
[CV 5/5; 25/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184
[CV 1/5; 24/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174;; score=0.399 total
time= 1.3s
[CV 1/5; 26/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 2/5; 24/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174;; score=0.392 total
time= 1.3s
[CV 2/5; 26/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 3/5; 24/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174;; score=0.362 total
time= 1.4s
[CV 3/5; 26/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 4/5; 24/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174;; score=0.364 total
time= 1.3s
[CV 4/5; 26/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 5/5; 24/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=174;; score=0.416 total
time= 1.3s
[CV 5/5; 26/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 1/5; 26/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.429 total
time= 1.0s
[CV 1/5; 27/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44

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[CV 2/5; 26/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.416 total
time= 1.0s

[CV 2/5; 27/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44

[CV 3/5; 26/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.395 total
time= 1.0s

[CV 4/5; 26/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.407 total
time= 1.0s

[CV 3/5; 27/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44

[CV 4/5; 27/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44

[CV 5/5; 26/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.427 total
time= 1.1s

[CV 5/5; 27/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44

[CV 1/5; 27/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44;; score=0.444 total
time= 0.8s

[CV 1/5; 28/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190

[CV 2/5; 27/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44;; score=0.388 total
time= 0.8s

[CV 2/5; 28/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190

[CV 4/5; 27/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44;; score=0.390 total
time= 0.8s

[CV 3/5; 28/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190

[CV 3/5; 27/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44;; score=0.407 total
time= 0.8s

[CV 4/5; 28/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190

[CV 5/5; 27/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=44;; score=0.435 total
time= 0.8s

[CV 5/5; 28/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190

[CV 1/5; 28/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190;; score=0.439 total
time= 1.7s

[CV 1/5; 29/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114

[CV 2/5; 28/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190;; score=0.402 total
time= 1.8s

[CV 2/5; 29/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114

[CV 4/5; 28/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190;; score=0.401 total
time= 1.8s

[CV 3/5; 29/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114

[CV 3/5; 28/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190;; score=0.391 total
time= 1.9s

[CV 4/5; 29/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114

[CV 5/5; 28/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=190;; score=0.404 total
time= 1.7s

[CV 5/5; 29/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114

[CV 1/5; 29/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114;; score=0.412 total
time= 1.1s

[CV 1/5; 30/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30

[CV 2/5; 29/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114;; score=0.398 total
time= 1.1s

[CV 2/5; 30/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30

[CV 3/5; 29/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114;; score=0.350 total
time= 1.1s

[CV 3/5; 30/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30

[CV 4/5; 29/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114;; score=0.374 total
time= 1.1s

[CV 4/5; 30/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30

[CV 5/5; 29/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=114;; score=0.386 total
time= 1.1s

[CV 5/5; 30/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30

[CV 1/5; 25/400] END bootstrap=False, max_depth=16, max_features=None,

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min_samples_leaf=2, min_samples_split=5, n_estimators=184;; score=0.409 total
time= 5.9s
[CV 1/5; 31/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172
[CV 2/5; 25/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184;; score=0.396 total
time= 5.9s
[CV 2/5; 31/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172
[CV 4/5; 25/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184;; score=0.391 total
time= 5.8s
[CV 3/5; 31/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172
[CV 5/5; 25/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184;; score=0.398 total
time= 5.9s
[CV 4/5; 31/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172
[CV 1/5; 30/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30;; score=0.425 total
time= 0.6s
[CV 5/5; 31/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172
[CV 3/5; 25/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=184;; score=0.391 total
time= 6.1s
[CV 1/5; 32/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 2/5; 30/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30;; score=0.384 total
time= 0.7s
[CV 4/5; 30/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30;; score=0.396 total
time= 0.5s
[CV 2/5; 32/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 3/5; 32/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 3/5; 30/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30;; score=0.410 total
time= 0.7s
[CV 4/5; 32/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 5/5; 30/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=30;; score=0.448 total
time= 0.7s
[CV 5/5; 32/400] START bootstrap=True, max_depth=16, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 1/5; 32/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.443 total
time= 1.0s
[CV 1/5; 33/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36
[CV 2/5; 32/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.402 total
time= 1.0s
[CV 2/5; 33/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36
[CV 3/5; 32/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.406 total
time= 1.0s
[CV 3/5; 33/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36
[CV 4/5; 32/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.401 total
time= 1.0s
[CV 4/5; 33/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36
[CV 1/5; 33/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36;; score=0.425 total
time= 0.3s
[CV 5/5; 33/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36
[CV 2/5; 33/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36;; score=0.388 total
time= 0.2s
[CV 1/5; 34/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70
[CV 5/5; 32/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.427 total
time= 1.0s
[CV 2/5; 34/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70
[CV 3/5; 33/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36;; score=0.368 total
time= 0.3s
[CV 3/5; 34/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70
[CV 4/5; 33/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36;; score=0.369 total
time= 0.2s
[CV 5/5; 33/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=36;; score=0.409 total
time= 0.2s
[CV 4/5; 34/400] START bootstrap=False, max_depth=17, max_features=None,

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min_samples_leaf=2, min_samples_split=2, n_estimators=70
[CV 5/5; 34/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70
[CV 1/5; 31/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172;; score=0.399 total
time= 3.6s
[CV 1/5; 35/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42
[CV 2/5; 31/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172;; score=0.384 total
time= 3.6s
[CV 2/5; 35/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42
[CV 4/5; 31/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172;; score=0.347 total
time= 3.5s
[CV 3/5; 35/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42
[CV 3/5; 31/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172;; score=0.350 total
time= 3.6s
[CV 4/5; 35/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42
[CV 2/5; 34/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70;; score=0.416 total
time= 2.2s
[CV 5/5; 35/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42
[CV 5/5; 31/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=172;; score=0.379 total
time= 3.6s
[CV 1/5; 36/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 1/5; 34/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70;; score=0.414 total
time= 2.3s
[CV 1/5; 36/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.407 total
time= 0.0s
[CV 2/5; 36/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 3/5; 36/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 3/5; 34/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70;; score=0.398 total
time= 2.2s
[CV 4/5; 36/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2

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[CV 2/5; 36/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.379 total
time= 0.0s

[CV 3/5; 36/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.348 total
time= 0.0s

[CV 1/5; 37/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88

[CV 5/5; 36/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2

[CV 4/5; 36/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.381 total
time= 0.0s

[CV 2/5; 37/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88

[CV 5/5; 36/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.386 total
time= 0.0s

[CV 3/5; 37/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88

[CV 4/5; 34/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70;; score=0.396 total
time= 2.3s

[CV 4/5; 37/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88

[CV 5/5; 34/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=70;; score=0.413 total
time= 2.3s

[CV 5/5; 37/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88

[CV 1/5; 35/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42;; score=0.428 total
time= 1.2s

[CV 1/5; 38/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4

[CV 2/5; 35/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42;; score=0.376 total
time= 1.1s

[CV 2/5; 38/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4

[CV 1/5; 38/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4;; score=0.398 total
time= 0.1s

[CV 3/5; 38/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4

[CV 2/5; 38/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4;; score=0.377 total
time= 0.1s

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[CV 4/5; 38/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4
[CV 3/5; 35/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42;; score=0.396 total
time= 1.1s
[CV 5/5; 38/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4
[CV 3/5; 38/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4;; score=0.351 total
time= 0.1s
[CV 1/5; 39/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30
[CV 4/5; 35/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=42;; score=0.380 total
time= 1.2s
[CV 2/5; 39/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30
[CV 5/5; 38/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4;; score=0.379 total
time= 0.1s
[CV 4/5; 38/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=4;; score=0.347 total
time= 0.1s
[CV 3/5; 39/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30
[CV 4/5; 39/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30
[CV 1/5; 37/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88;; score=0.432 total
time= 1.1s[CV 5/5; 35/400] END bootstrap=False, max_depth=13,
max_features=None, min_samples_leaf=2, min_samples_split=7, n_estimators=42;;
score=0.391 total time= 1.2s

[CV 5/5; 39/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30
[CV 1/5; 40/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 2/5; 37/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88;; score=0.387 total
time= 1.1s
[CV 2/5; 40/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 1/5; 39/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30;; score=0.420 total
time= 0.1s
[CV 2/5; 39/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30;; score=0.377 total
time= 0.1s

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[CV 3/5; 40/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156

[CV 4/5; 40/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156

[CV 4/5; 39/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30;; score=0.396 total
time= 0.2s

[CV 3/5; 39/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30;; score=0.421 total
time= 0.2s

[CV 5/5; 40/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156

[CV 3/5; 37/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88;; score=0.398 total
time= 1.1s

[CV 1/5; 41/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32

[CV 2/5; 41/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32

[CV 5/5; 39/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=30;; score=0.408 total
time= 0.2s

[CV 3/5; 41/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32

[CV 4/5; 37/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88;; score=0.398 total
time= 1.1s

[CV 4/5; 41/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32

[CV 5/5; 37/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=88;; score=0.413 total
time= 1.1s

[CV 5/5; 41/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32

[CV 1/5; 41/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32;; score=0.421 total
time= 1.0s

[CV 1/5; 42/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42

[CV 2/5; 41/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32;; score=0.403 total
time= 1.0s

[CV 2/5; 42/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42

[CV 3/5; 41/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32;; score=0.385 total
time= 1.1s

[CV 3/5; 42/400] START bootstrap=True, max_depth=18, max_features=None,

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min_samples_leaf=2, min_samples_split=9, n_estimators=42
[CV 4/5; 41/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32;; score=0.387 total
time= 1.0s
[CV 4/5; 42/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42
[CV 5/5; 41/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=32;; score=0.401 total
time= 1.1s
[CV 5/5; 42/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42
[CV 2/5; 42/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42;; score=0.395 total
time= 0.7s
[CV 1/5; 43/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60
[CV 1/5; 42/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42;; score=0.424 total
time= 0.9s
[CV 2/5; 43/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60
[CV 3/5; 42/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42;; score=0.413 total
time= 0.9s
[CV 3/5; 43/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60
[CV 5/5; 42/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42;; score=0.451 total
time= 0.8s
[CV 4/5; 43/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60
[CV 4/5; 42/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=42;; score=0.394 total
time= 0.9s
[CV 5/5; 43/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60
[CV 1/5; 43/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60;; score=0.405 total
time= 0.5s
[CV 1/5; 44/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48
[CV 2/5; 43/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60;; score=0.396 total
time= 0.5s
[CV 2/5; 44/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48
[CV 3/5; 43/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60;; score=0.365 total

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time= 0.4s
[CV 3/5; 44/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48
[CV 4/5; 43/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60;; score=0.370 total
time= 0.5s
[CV 4/5; 44/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48
[CV 5/5; 43/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=60;; score=0.372 total
time= 0.4s
[CV 5/5; 44/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48
[CV 4/5; 40/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.351 total
time= 3.0s
[CV 1/5; 45/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140
[CV 3/5; 40/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.347 total
time= 3.1s
[CV 1/5; 44/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48;; score=0.454 total
time= 0.8s
[CV 2/5; 45/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140[CV 2/5; 40/400] END
bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=2,
min_samples_split=3, n_estimators=156;; score=0.373 total time= 3.2s

[CV 3/5; 45/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140
[CV 4/5; 45/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140
[CV 1/5; 40/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.414 total
time= 3.2s
[CV 5/5; 45/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140
[CV 5/5; 40/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.383 total
time= 3.2s
[CV 1/5; 46/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 2/5; 44/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48;; score=0.390 total
time= 1.0s
[CV 2/5; 46/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148

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[CV 3/5; 44/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48;; score=0.383 total
time= 0.9s

[CV 3/5; 46/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148

[CV 5/5; 44/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48;; score=0.420 total
time= 0.8s

[CV 4/5; 46/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148

[CV 4/5; 44/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=48;; score=0.406 total
time= 0.9s

[CV 5/5; 46/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148

[CV 2/5; 45/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140;; score=0.402 total
time= 0.8s

[CV 1/5; 47/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144

[CV 1/5; 45/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140;; score=0.421 total
time= 0.9s

[CV 2/5; 47/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144

[CV 4/5; 45/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140;; score=0.403 total
time= 0.9s

[CV 3/5; 47/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144

[CV 3/5; 45/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140;; score=0.394 total
time= 0.9s

[CV 5/5; 45/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=140;; score=0.412 total
time= 0.9s

[CV 4/5; 47/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144

[CV 5/5; 47/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144

[CV 1/5; 47/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144;; score=0.409 total
time= 1.0s

[CV 1/5; 48/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84

[CV 3/5; 47/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144;; score=0.373 total
time= 0.9s

[CV 2/5; 48/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84
[CV 5/5; 47/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144;; score=0.389 total
time= 0.9s
[CV 3/5; 48/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84
[CV 2/5; 47/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144;; score=0.392 total
time= 1.0s
[CV 4/5; 48/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84
[CV 4/5; 47/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=144;; score=0.381 total
time= 1.0s
[CV 5/5; 48/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84
[CV 1/5; 48/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84;; score=0.402 total
time= 0.4s
[CV 1/5; 49/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 2/5; 48/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84;; score=0.410 total
time= 0.4s
[CV 3/5; 48/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84;; score=0.369 total
time= 0.4s
[CV 2/5; 49/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 3/5; 49/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 4/5; 48/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84;; score=0.384 total
time= 0.4s
[CV 4/5; 49/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 5/5; 48/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=84;; score=0.382 total
time= 0.4s
[CV 5/5; 49/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 1/5; 46/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.413 total
time= 3.1s
[CV 1/5; 50/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130
[CV 4/5; 46/400] END bootstrap=False, max_depth=8, max_features=None,

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min_samples_leaf=3, min_samples_split=4, n_estimators=148;, score=0.350 total
time= 3.0s
[CV 2/5; 50/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130
[CV 2/5; 46/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;, score=0.380 total
time= 3.2s
[CV 3/5; 46/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;, score=0.347 total
time= 3.2s
[CV 3/5; 50/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130
[CV 4/5; 50/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130
[CV 5/5; 46/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;, score=0.386 total
time= 3.1s
[CV 5/5; 50/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130
[CV 1/5; 49/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;, score=0.412 total
time= 2.0s
[CV 1/5; 51/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68
[CV 2/5; 49/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;, score=0.398 total
time= 2.0s
[CV 2/5; 51/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68
[CV 4/5; 49/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;, score=0.398 total
time= 2.0s
[CV 3/5; 51/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68
[CV 5/5; 49/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;, score=0.386 total
time= 2.0s
[CV 4/5; 51/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68
[CV 3/5; 49/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;, score=0.394 total
time= 2.1s
[CV 5/5; 51/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68
[CV 1/5; 50/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130;, score=0.431 total
time= 1.2s
[CV 1/5; 52/400] START bootstrap=False, max_depth=5, max_features=None,

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min_samples_leaf=3, min_samples_split=3, n_estimators=140
[CV 1/5; 51/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68;; score=0.432 total
time= 0.4s
[CV 3/5; 50/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130;; score=0.359 total
time= 1.1s
[CV 2/5; 52/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140
[CV 3/5; 52/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140
[CV 2/5; 51/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68;; score=0.402 total
time= 0.4s
[CV 4/5; 52/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140
[CV 3/5; 51/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68;; score=0.377 total
time= 0.4s
[CV 5/5; 51/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68;; score=0.426 total
time= 0.3s
[CV 5/5; 52/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140
[CV 4/5; 51/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=68;; score=0.399 total
time= 0.4s
[CV 2/5; 50/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130;; score=0.409 total
time= 1.3s
[CV 1/5; 53/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190
[CV 2/5; 53/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190
[CV 4/5; 50/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130;; score=0.364 total
time= 1.2s
[CV 3/5; 53/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190
[CV 4/5; 53/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190
[CV 5/5; 50/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=130;; score=0.412 total
time= 1.2s
[CV 5/5; 53/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190
[CV 1/5; 52/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140;; score=0.407 total

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time= 1.7s
[CV 1/5; 54/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84
[CV 2/5; 52/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140;; score=0.379 total
time= 1.7s
[CV 2/5; 54/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84
[CV 5/5; 52/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140;; score=0.386 total
time= 1.7s
[CV 3/5; 54/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84
[CV 3/5; 52/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140;; score=0.348 total
time= 1.7s
[CV 4/5; 54/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84
[CV 4/5; 52/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=140;; score=0.381 total
time= 1.7s
[CV 5/5; 54/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84
[CV 3/5; 53/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190;; score=0.380 total
time= 2.0s
[CV 1/5; 55/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160
[CV 2/5; 53/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190;; score=0.388 total
time= 2.1s
[CV 4/5; 53/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190;; score=0.369 total
time= 2.2s
[CV 2/5; 55/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160
[CV 1/5; 53/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190;; score=0.416 total
time= 2.2s
[CV 3/5; 55/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160
[CV 5/5; 53/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=190;; score=0.413 total
time= 2.1s
[CV 4/5; 55/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160
[CV 5/5; 55/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

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[CV 1/5; 55/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.435 total
time= 1.0s

[CV 1/5; 56/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10

[CV 2/5; 55/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.401 total
time= 1.0s

[CV 2/5; 56/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10

[CV 3/5; 55/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.395 total
time= 1.0s

[CV 3/5; 56/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10

[CV 1/5; 54/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84;; score=0.416 total
time= 1.8s

[CV 4/5; 56/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10

[CV 4/5; 55/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.403 total
time= 1.0s

[CV 5/5; 56/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10

[CV 2/5; 54/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84;; score=0.392 total
time= 1.6s

[CV 1/5; 57/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184

[CV 5/5; 55/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.427 total
time= 1.0s

[CV 2/5; 57/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184

[CV 1/5; 56/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10;; score=0.421 total
time= 0.2s

[CV 3/5; 57/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184

[CV 5/5; 54/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84;; score=0.444 total
time= 1.6s

[CV 4/5; 57/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184

[CV 2/5; 56/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10;; score=0.373 total
time= 0.2s

[CV 5/5; 57/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184

[CV 4/5; 54/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84;; score=0.391 total
time= 1.7s

[CV 1/5; 58/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74

[CV 3/5; 54/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=84;; score=0.406 total
time= 1.8s

[CV 2/5; 58/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74

[CV 3/5; 56/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10;; score=0.335 total
time= 0.3s

[CV 4/5; 56/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10;; score=0.372 total
time= 0.3s

[CV 3/5; 58/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74

[CV 4/5; 58/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74

[CV 5/5; 56/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=10;; score=0.380 total
time= 0.3s

[CV 5/5; 58/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74

[CV 1/5; 57/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184;; score=0.421 total
time= 1.2s

[CV 1/5; 59/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134

[CV 2/5; 57/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184;; score=0.402 total
time= 1.2s

[CV 2/5; 59/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134

[CV 3/5; 57/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184;; score=0.372 total
time= 1.3s

[CV 3/5; 59/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134

[CV 1/5; 58/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74;; score=0.433 total
time= 1.2s

[CV 4/5; 59/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134

[CV 4/5; 57/400] END bootstrap=False, max_depth=10, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=9, n_estimators=184;; score=0.372 total
time= 1.3s
[CV 5/5; 59/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134
[CV 2/5; 58/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74;; score=0.402 total
time= 1.2s
[CV 1/5; 60/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8
[CV 5/5; 57/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=184;; score=0.386 total
time= 1.3s
[CV 5/5; 58/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74;; score=0.416 total
time= 1.2s
[CV 2/5; 60/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8
[CV 3/5; 60/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8
[CV 4/5; 58/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74;; score=0.414 total
time= 1.3s
[CV 3/5; 58/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=74;; score=0.431 total
time= 1.3s
[CV 1/5; 60/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8;; score=0.409 total
time= 0.1s
[CV 4/5; 60/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8
[CV 5/5; 60/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8
[CV 1/5; 61/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184
[CV 3/5; 60/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8;; score=0.368 total
time= 0.1s
[CV 2/5; 61/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184[CV 2/5; 60/400] END
bootstrap=True, max_depth=12, max_features=None, min_samples_leaf=1,
min_samples_split=5, n_estimators=8;; score=0.403 total time= 0.2s
[CV 3/5; 61/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184

[CV 4/5; 60/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8;; score=0.396 total
time= 0.1s
[CV 4/5; 61/400] START bootstrap=True, max_depth=12, max_features=None,

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min_samples_leaf=2, min_samples_split=7, n_estimators=184
[CV 5/5; 60/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=8;; score=0.422 total
time= 0.1s
[CV 5/5; 61/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184
[CV 2/5; 59/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134;; score=0.398 total
time= 0.9s
[CV 1/5; 62/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 1/5; 59/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134;; score=0.424 total
time= 1.0s
[CV 2/5; 62/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 4/5; 59/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134;; score=0.383 total
time= 0.9s
[CV 3/5; 62/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54[CV 3/5; 59/400] END
bootstrap=True, max_depth=None, max_features=sqrt, min_samples_leaf=2,
min_samples_split=9, n_estimators=134;; score=0.407 total time= 1.0s

[CV 4/5; 62/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 5/5; 59/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=134;; score=0.434 total
time= 1.0s
[CV 5/5; 62/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 2/5; 62/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.391 total
time= 0.7s
[CV 1/5; 63/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164
[CV 1/5; 62/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.406 total
time= 0.8s
[CV 2/5; 63/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164
[CV 4/5; 62/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.374 total
time= 0.8s
[CV 3/5; 62/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.357 total
time= 0.8s
[CV 3/5; 63/400] START bootstrap=True, max_depth=19, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=7, n_estimators=164
[CV 4/5; 63/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164
[CV 5/5; 62/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.394 total
time= 0.8s
[CV 5/5; 63/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164
[CV 1/5; 63/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164;; score=0.424 total
time= 1.2s
[CV 1/5; 64/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94
[CV 2/5; 63/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164;; score=0.391 total
time= 1.2s
[CV 2/5; 64/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94
[CV 3/5; 63/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164;; score=0.403 total
time= 1.2s
[CV 3/5; 64/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94
[CV 4/5; 63/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164;; score=0.420 total
time= 1.2s
[CV 4/5; 64/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94
[CV 5/5; 63/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=164;; score=0.404 total
time= 1.2s
[CV 5/5; 64/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94
[CV 3/5; 61/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184;; score=0.394 total
time= 2.9s
[CV 1/5; 65/400] START bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66
[CV 1/5; 61/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184;; score=0.428 total
time= 3.0s
[CV 2/5; 65/400] START bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66
[CV 4/5; 61/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184;; score=0.410 total
time= 3.0s
[CV 3/5; 65/400] START bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

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[CV 5/5; 61/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184;; score=0.426 total
time= 3.0s

[CV 4/5; 65/400] START bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 1/5; 64/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94;; score=0.444 total
time= 0.5s

[CV 5/5; 65/400] START bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 2/5; 64/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94;; score=0.396 total
time= 0.5s

[CV 1/5; 66/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138

[CV 2/5; 61/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=184;; score=0.396 total
time= 3.2s

[CV 3/5; 64/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94;; score=0.374 total
time= 0.5s

[CV 4/5; 64/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94;; score=0.384 total
time= 0.4s

[CV 2/5; 66/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138

[CV 3/5; 66/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138

[CV 4/5; 66/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138

[CV 5/5; 64/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=94;; score=0.420 total
time= 0.4s

[CV 5/5; 66/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138

[CV 1/5; 66/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138;; score=0.421 total
time= 1.5s

[CV 1/5; 67/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98

[CV 2/5; 66/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138;; score=0.396 total
time= 1.6s

[CV 2/5; 67/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98

[CV 1/5; 65/400] END bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.427 total
time= 1.9s

[CV 3/5; 67/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98

[CV 4/5; 66/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138;; score=0.379 total
time= 1.6s

[CV 4/5; 67/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98

[CV 4/5; 65/400] END bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.379 total
time= 1.8s

[CV 5/5; 66/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138;; score=0.413 total
time= 1.6s

[CV 5/5; 67/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98

[CV 1/5; 68/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146

[CV 2/5; 65/400] END bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.398 total
time= 2.0s

[CV 2/5; 68/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146

[CV 3/5; 66/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=138;; score=0.377 total
time= 1.7s

[CV 3/5; 68/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146

[CV 5/5; 65/400] END bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.352 total
time= 2.0s

[CV 4/5; 68/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146

[CV 3/5; 65/400] END bootstrap=False, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.394 total
time= 2.1s

[CV 5/5; 68/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146

[CV 1/5; 67/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98;; score=0.412 total
time= 0.7s

[CV 1/5; 69/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114

[CV 3/5; 67/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98;; score=0.412 total
time= 0.7s

[CV 2/5; 67/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98;; score=0.384 total
time= 0.7s

[CV 2/5; 69/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114

[CV 3/5; 69/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114

[CV 5/5; 67/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98;; score=0.423 total
time= 0.6s

[CV 4/5; 69/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114

[CV 4/5; 67/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=98;; score=0.396 total
time= 0.7s

[CV 5/5; 69/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114

[CV 1/5; 69/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114;; score=0.409 total
time= 1.0s

[CV 1/5; 70/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86

[CV 3/5; 69/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114;; score=0.364 total
time= 1.0s

[CV 2/5; 70/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86

[CV 2/5; 69/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114;; score=0.402 total
time= 1.0s

[CV 3/5; 70/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86

[CV 4/5; 69/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114;; score=0.364 total
time= 1.0s

[CV 4/5; 70/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86

[CV 5/5; 69/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=114;; score=0.397 total
time= 1.0s

[CV 5/5; 70/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86

[CV 1/5; 70/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86;; score=0.432 total
time= 1.0s

[CV 1/5; 71/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134

[CV 4/5; 70/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86;; score=0.377 total
time= 0.9s

[CV 2/5; 70/400] END bootstrap=False, max_depth=20, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=9, n_estimators=86;; score=0.406 total
time= 1.0s
[CV 2/5; 71/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134
[CV 3/5; 71/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134
[CV 3/5; 70/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86;; score=0.390 total
time= 1.0s
[CV 4/5; 71/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134
[CV 5/5; 70/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=86;; score=0.396 total
time= 1.0s
[CV 5/5; 71/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134
[CV 2/5; 68/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146;; score=0.396 total
time= 2.7s
[CV 1/5; 72/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154
[CV 1/5; 68/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146;; score=0.428 total
time= 2.8s
[CV 2/5; 72/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154
[CV 3/5; 68/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146;; score=0.420 total
time= 2.8s
[CV 3/5; 72/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154
[CV 5/5; 68/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146;; score=0.423 total
time= 2.7s
[CV 4/5; 72/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154
[CV 4/5; 68/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=146;; score=0.392 total
time= 2.8s
[CV 5/5; 72/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154
[CV 4/5; 71/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134;; score=0.396 total
time= 0.6s
[CV 1/5; 71/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134;; score=0.432 total
time= 0.7s
[CV 3/5; 71/400] END bootstrap=True, max_depth=12, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=5, n_estimators=134;; score=0.406 total
time= 0.7s
[CV 1/5; 73/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 2/5; 73/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 1/5; 73/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.403 total
time= 0.0s
[CV 3/5; 73/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 4/5; 73/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 2/5; 73/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.384 total
time= 0.0s
[CV 5/5; 73/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2
[CV 3/5; 73/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.372 total
time= 0.0s
[CV 1/5; 74/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62
[CV 4/5; 73/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.387 total
time= 0.0s
[CV 2/5; 74/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62
[CV 5/5; 73/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=2;; score=0.408 total
time= 0.0s
[CV 3/5; 74/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62
[CV 2/5; 71/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134;; score=0.406 total
time= 0.8s
[CV 4/5; 74/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62
[CV 5/5; 71/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=134;; score=0.434 total
time= 0.7s
[CV 5/5; 74/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62
[CV 1/5; 72/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154;; score=0.431 total
time= 1.1s
[CV 1/5; 75/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

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[CV 2/5; 72/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154;; score=0.403 total
time= 1.0s

[CV 3/5; 72/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154;; score=0.407 total
time= 1.0s

[CV 2/5; 75/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

[CV 3/5; 75/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

[CV 2/5; 74/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62;; score=0.409 total
time= 0.6s

[CV 4/5; 75/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

[CV 1/5; 74/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62;; score=0.427 total
time= 0.6s

[CV 5/5; 75/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160

[CV 3/5; 74/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62;; score=0.388 total
time= 0.6s

[CV 1/5; 76/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64

[CV 5/5; 74/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62;; score=0.382 total
time= 0.6s

[CV 2/5; 76/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64

[CV 4/5; 74/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=62;; score=0.394 total
time= 0.7s

[CV 3/5; 76/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64

[CV 4/5; 72/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154;; score=0.402 total
time= 1.1s

[CV 4/5; 76/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64

[CV 5/5; 72/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=154;; score=0.420 total
time= 1.1s

[CV 5/5; 76/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64

[CV 1/5; 75/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.416 total
time= 0.5s

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[CV 1/5; 77/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66
[CV 3/5; 75/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.374 total
time= 0.5s
[CV 2/5; 77/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66
[CV 2/5; 75/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.390 total
time= 0.5s
[CV 3/5; 77/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66
[CV 5/5; 75/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.387 total
time= 0.5s
[CV 4/5; 77/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66
[CV 4/5; 75/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=160;; score=0.385 total
time= 0.5s
[CV 5/5; 77/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66
[CV 1/5; 77/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66;; score=0.417 total
time= 0.8s
[CV 1/5; 78/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118
[CV 2/5; 77/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66;; score=0.398 total
time= 0.8s
[CV 2/5; 78/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118[CV 3/5; 77/400] END
bootstrap=True, max_depth=8, max_features=None, min_samples_leaf=2,
min_samples_split=5, n_estimators=66;; score=0.370 total time= 0.8s

[CV 3/5; 78/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118
[CV 4/5; 77/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66;; score=0.385 total
time= 0.7s
[CV 4/5; 78/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118
[CV 5/5; 77/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=66;; score=0.412 total
time= 0.8s
[CV 5/5; 78/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118
[CV 2/5; 76/400] END bootstrap=False, max_depth=12, max_features=None,

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min_samples_leaf=1, min_samples_split=9, n_estimators=64;; score=0.374 total
time= 1.6s
[CV 1/5; 79/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194
[CV 1/5; 76/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64;; score=0.421 total
time= 1.6s
[CV 2/5; 79/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194
[CV 5/5; 76/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64;; score=0.368 total
time= 1.5s
[CV 4/5; 76/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64;; score=0.369 total
time= 1.6s
[CV 3/5; 79/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194
[CV 3/5; 76/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=64;; score=0.332 total
time= 1.6s
[CV 4/5; 79/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194
[CV 5/5; 79/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194
[CV 2/5; 78/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118;; score=0.390 total
time= 0.9s
[CV 1/5; 80/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122
[CV 4/5; 78/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118;; score=0.383 total
time= 0.9s
[CV 2/5; 80/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122
[CV 3/5; 78/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118;; score=0.354 total
time= 1.0s
[CV 3/5; 80/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122
[CV 1/5; 78/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118;; score=0.406 total
time= 1.1s
[CV 4/5; 80/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122
[CV 5/5; 78/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=2, n_estimators=118;; score=0.401 total
time= 0.9s
[CV 5/5; 80/400] START bootstrap=False, max_depth=10, max_features=None,

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min_samples_leaf=1, min_samples_split=2, n_estimators=122
[CV 1/5; 79/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194;; score=0.409 total
time= 1.7s
[CV 1/5; 81/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182
[CV 2/5; 79/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194;; score=0.394 total
time= 1.8s
[CV 4/5; 79/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194;; score=0.384 total
time= 1.7s
[CV 3/5; 79/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194;; score=0.372 total
time= 1.7s
[CV 2/5; 81/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182
[CV 5/5; 79/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=194;; score=0.393 total
time= 1.7s
[CV 3/5; 81/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182
[CV 4/5; 81/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182
[CV 5/5; 81/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182
[CV 1/5; 81/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182;; score=0.420 total
time= 0.8s
[CV 2/5; 81/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182;; score=0.391 total
time= 0.8s
[CV 1/5; 82/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60
[CV 2/5; 82/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60
[CV 5/5; 81/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182;; score=0.387 total
time= 0.8s
[CV 3/5; 82/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60
[CV 3/5; 81/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182;; score=0.383 total
time= 0.8s
[CV 4/5; 81/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=182;; score=0.383 total
time= 0.8s
[CV 4/5; 82/400] START bootstrap=True, max_depth=18, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=8, n_estimators=60
[CV 5/5; 82/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60
[CV 1/5; 82/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60;; score=0.439 total
time= 0.3s
[CV 1/5; 83/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14
[CV 2/5; 82/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60;; score=0.428 total
time= 0.4s
[CV 2/5; 83/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14
[CV 5/5; 82/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60;; score=0.444 total
time= 0.4s
[CV 3/5; 83/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14
[CV 1/5; 83/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14;; score=0.451 total
time= 0.1s
[CV 3/5; 82/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60;; score=0.396 total
time= 0.4s
[CV 4/5; 83/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14
[CV 5/5; 83/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14
[CV 4/5; 82/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=60;; score=0.381 total
time= 0.4s
[CV 1/5; 84/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158
[CV 2/5; 83/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14;; score=0.383 total
time= 0.1s
[CV 2/5; 84/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158
[CV 3/5; 83/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14;; score=0.380 total
time= 0.1s
[CV 3/5; 84/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158
[CV 4/5; 83/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14;; score=0.384 total
time= 0.1s
[CV 4/5; 84/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

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[CV 5/5; 83/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=14;; score=0.411 total
time= 0.1s

[CV 1/5; 80/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122;; score=0.384 total
time= 2.7s

[CV 5/5; 84/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 1/5; 85/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182

[CV 3/5; 80/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122;; score=0.346 total
time= 2.7s

[CV 4/5; 80/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122;; score=0.355 total
time= 2.7s

[CV 2/5; 85/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182

[CV 5/5; 80/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122;; score=0.359 total
time= 2.7s

[CV 3/5; 85/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182

[CV 4/5; 85/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182

[CV 2/5; 80/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=122;; score=0.381 total
time= 2.8s

[CV 5/5; 85/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182

[CV 2/5; 84/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.391 total
time= 1.2s

[CV 1/5; 86/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116

[CV 1/5; 84/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.421 total
time= 1.2s

[CV 2/5; 86/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116

[CV 3/5; 84/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.361 total
time= 1.2s

[CV 3/5; 86/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116

[CV 4/5; 84/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.372 total
time= 1.2s

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[CV 4/5; 86/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116
[CV 5/5; 84/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.412 total
time= 1.2s
[CV 5/5; 86/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116
[CV 4/5; 85/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182;; score=0.384 total
time= 1.3s
[CV 1/5; 87/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108
[CV 1/5; 85/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182;; score=0.416 total
time= 1.4s
[CV 2/5; 85/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182;; score=0.417 total
time= 1.4s
[CV 2/5; 87/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108
[CV 3/5; 87/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108
[CV 3/5; 85/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182;; score=0.351 total
time= 1.5s
[CV 5/5; 85/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=182;; score=0.390 total
time= 1.4s
[CV 4/5; 87/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108
[CV 5/5; 87/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108
[CV 5/5; 86/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116;; score=0.389 total
time= 0.8s
[CV 4/5; 86/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116;; score=0.374 total
time= 0.8s
[CV 1/5; 88/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96
[CV 2/5; 88/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96
[CV 2/5; 86/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116;; score=0.399 total
time= 0.9s
[CV 1/5; 86/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116;; score=0.416 total
time= 1.0s

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[CV 3/5; 88/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96

[CV 4/5; 88/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96

[CV 3/5; 86/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=116;; score=0.346 total
time= 0.9s

[CV 5/5; 88/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96

[CV 2/5; 87/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108;; score=0.399 total
time= 0.8s

[CV 1/5; 87/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108;; score=0.413 total
time= 0.9s

[CV 1/5; 89/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6

[CV 2/5; 89/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6

[CV 3/5; 87/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108;; score=0.351 total
time= 0.9s

[CV 3/5; 89/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6

[CV 4/5; 87/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108;; score=0.372 total
time= 0.8s

[CV 4/5; 89/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6

[CV 5/5; 87/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=108;; score=0.390 total
time= 0.8s

[CV 5/5; 89/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6

[CV 1/5; 89/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6;; score=0.416 total
time= 0.2s

[CV 1/5; 90/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32

[CV 4/5; 88/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96;; score=0.380 total
time= 0.5s

[CV 2/5; 90/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32

[CV 2/5; 88/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96;; score=0.390 total
time= 0.5s

[CV 3/5; 90/400] START bootstrap=False, max_depth=13, max_features=None,

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min_samples_leaf=1, min_samples_split=3, n_estimators=32
[CV 3/5; 88/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96;; score=0.373 total
time= 0.5s
[CV 4/5; 90/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32
[CV 1/5; 88/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96;; score=0.403 total
time= 0.5s
[CV 5/5; 90/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32
[CV 3/5; 89/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6;; score=0.388 total
time= 0.2s
[CV 5/5; 88/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=96;; score=0.382 total
time= 0.5s
[CV 1/5; 91/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=152
[CV 2/5; 91/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=152
[CV 2/5; 89/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6;; score=0.406 total
time= 0.3s
[CV 3/5; 91/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=152
[CV 4/5; 89/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6;; score=0.390 total
time= 0.2s
[CV 4/5; 91/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=152
[CV 5/5; 89/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=6;; score=0.402 total
time= 0.2s
[CV 5/5; 91/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=152
[CV 3/5; 90/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32;; score=0.391 total
time= 0.8s
[CV 1/5; 92/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 5/5; 90/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32;; score=0.380 total
time= 0.8s
[CV 1/5; 90/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32;; score=0.431 total
time= 0.9s
[CV 3/5; 92/400] START bootstrap=False, max_depth=5, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 2/5; 92/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 2/5; 90/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32;; score=0.383 total
time= 0.9s
[CV 4/5; 92/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 4/5; 90/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=32;; score=0.373 total
time= 0.9s
[CV 5/5; 92/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 1/5; 92/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.417 total
time= 0.7s
[CV 1/5; 93/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28
[CV 3/5; 92/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.359 total
time= 0.7s
[CV 2/5; 93/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28
[CV 5/5; 92/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.393 total
time= 0.7s
[CV 2/5; 92/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.410 total
time= 0.7s
[CV 3/5; 93/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28
[CV 4/5; 93/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28
[CV 4/5; 92/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.390 total
time= 0.8s
[CV 5/5; 93/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28
[CV 1/5; 93/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28;; score=0.420 total
time= 0.4s
[CV 2/5; 93/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28;; score=0.379 total
time= 0.3s
[CV 1/5; 94/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14
[CV 2/5; 94/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14

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[CV 4/5; 93/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28;; score=0.376 total
time= 0.4s

[CV 3/5; 94/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14

[CV 3/5; 93/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28;; score=0.394 total
time= 0.4s

[CV 4/5; 94/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14

[CV 5/5; 93/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=28;; score=0.409 total
time= 0.4s

[CV 5/5; 94/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14

[CV 1/5; 94/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14;; score=0.417 total
time= 0.3s

[CV 1/5; 95/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82

[CV 2/5; 94/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14;; score=0.384 total
time= 0.3s

[CV 2/5; 95/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82

[CV 3/5; 94/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14;; score=0.418 total
time= 0.3s

[CV 3/5; 95/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82

[CV 4/5; 94/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14;; score=0.422 total
time= 0.3s

[CV 4/5; 95/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82

[CV 5/5; 94/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=14;; score=0.426 total
time= 0.2s

[CV 5/5; 95/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82

[CV 1/5; 95/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82;; score=0.414 total
time= 0.6s

[CV 1/5; 96/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=186

[CV 2/5; 95/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=82;; score=0.405 total
time= 0.7s

[CV 2/5; 96/400] START bootstrap=False, max_depth=5, max_features=None,
 min_samples_leaf=2, min_samples_split=5, n_estimators=186
 [CV 4/5; 95/400] END bootstrap=True, max_depth=5, max_features=None,
 min_samples_leaf=3, min_samples_split=2, n_estimators=82;; score=0.370 total
 time= 0.6s
 [CV 3/5; 95/400] END bootstrap=True, max_depth=5, max_features=None,
 min_samples_leaf=3, min_samples_split=2, n_estimators=82;; score=0.347 total
 time= 0.6s
 [CV 3/5; 96/400] START bootstrap=False, max_depth=5, max_features=None,
 min_samples_leaf=2, min_samples_split=5, n_estimators=186
 [CV 4/5; 96/400] START bootstrap=False, max_depth=5, max_features=None,
 min_samples_leaf=2, min_samples_split=5, n_estimators=186
 [CV 5/5; 95/400] END bootstrap=True, max_depth=5, max_features=None,
 min_samples_leaf=3, min_samples_split=2, n_estimators=82;; score=0.396 total
 time= 0.6s
 [CV 5/5; 96/400] START bootstrap=False, max_depth=5, max_features=None,
 min_samples_leaf=2, min_samples_split=5, n_estimators=186
 [CV 1/5; 91/400] END bootstrap=False, max_depth=12, max_features=None,
 min_samples_leaf=2, min_samples_split=6, n_estimators=152;; score=0.418 total
 time= 3.9s
 [CV 1/5; 97/400] START bootstrap=True, max_depth=12, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=72
 [CV 2/5; 91/400] END bootstrap=False, max_depth=12, max_features=None,
 min_samples_leaf=2, min_samples_split=6, n_estimators=152;; score=0.376 total
 time= 3.9s
 [CV 2/5; 97/400] START bootstrap=True, max_depth=12, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=72
 [CV 4/5; 91/400] END bootstrap=False, max_depth=12, max_features=None,
 min_samples_leaf=2, min_samples_split=6, n_estimators=152;; score=0.365 total
 time= 3.9s
 [CV 3/5; 97/400] START bootstrap=True, max_depth=12, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=72
 [CV 5/5; 91/400] END bootstrap=False, max_depth=12, max_features=None,
 min_samples_leaf=2, min_samples_split=6, n_estimators=152;; score=0.389 total
 time= 4.0s
 [CV 4/5; 97/400] START bootstrap=True, max_depth=12, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=72
 [CV 3/5; 91/400] END bootstrap=False, max_depth=12, max_features=None,
 min_samples_leaf=2, min_samples_split=6, n_estimators=152;; score=0.336 total
 time= 4.1s
 [CV 5/5; 97/400] START bootstrap=True, max_depth=12, max_features=None,
 min_samples_leaf=1, min_samples_split=9, n_estimators=72
 [CV 2/5; 96/400] END bootstrap=False, max_depth=5, max_features=None,
 min_samples_leaf=2, min_samples_split=5, n_estimators=186;; score=0.379 total
 time= 2.1s
 [CV 1/5; 98/400] START bootstrap=True, max_depth=11, max_features=sqrt,
 min_samples_leaf=3, min_samples_split=7, n_estimators=78
 [CV 1/5; 96/400] END bootstrap=False, max_depth=5, max_features=None,

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min_samples_leaf=2, min_samples_split=5, n_estimators=186;; score=0.407 total
time= 2.3s
[CV 1/5; 97/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=72;; score=0.438 total
time= 1.1s
[CV 2/5; 98/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78
[CV 3/5; 98/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78
[CV 2/5; 97/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=72;; score=0.387 total
time= 1.1s
[CV 4/5; 98/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78
[CV 3/5; 97/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=72;; score=0.396 total
time= 1.2s
[CV 4/5; 96/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=186;; score=0.381 total
time= 2.2s
[CV 5/5; 98/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78
[CV 1/5; 99/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76
[CV 5/5; 97/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=72;; score=0.426 total
time= 1.1s
[CV 2/5; 99/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76
[CV 3/5; 96/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=186;; score=0.348 total
time= 2.3s
[CV 3/5; 99/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76
[CV 5/5; 96/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=186;; score=0.386 total
time= 2.2s
[CV 4/5; 99/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76
[CV 4/5; 97/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=72;; score=0.417 total
time= 1.2s
[CV 5/5; 99/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76
[CV 1/5; 98/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78;; score=0.417 total
time= 0.4s
[CV 1/5; 100/400] START bootstrap=False, max_depth=19, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 3/5; 98/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78;; score=0.409 total
time= 0.4s
[CV 2/5; 98/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78;; score=0.399 total
time= 0.4s
[CV 2/5; 100/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 3/5; 100/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 4/5; 98/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78;; score=0.409 total
time= 0.4s
[CV 4/5; 100/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 1/5; 100/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.442 total
time= 0.2s
[CV 5/5; 100/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 5/5; 98/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=78;; score=0.422 total
time= 0.4s
[CV 1/5; 101/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180
[CV 3/5; 100/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.372 total
time= 0.2s
[CV 2/5; 101/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180
[CV 2/5; 100/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.385 total
time= 0.2s
[CV 3/5; 101/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180
[CV 4/5; 100/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.369 total
time= 0.2s
[CV 4/5; 101/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180
[CV 5/5; 100/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.389 total
time= 0.2s
[CV 5/5; 101/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180
[CV 1/5; 101/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180;; score=0.429 total

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time= 1.1s
[CV 2/5; 101/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180;; score=0.416 total
time= 1.1s
[CV 1/5; 102/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190
[CV 2/5; 102/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190
[CV 4/5; 101/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180;; score=0.394 total
time= 1.1s
[CV 4/5; 99/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.399 total
time= 1.5s
[CV 3/5; 101/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180;; score=0.398 total
time= 1.1s
[CV 3/5; 102/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190
[CV 5/5; 101/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=180;; score=0.419 total
time= 1.0s
[CV 4/5; 102/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190
[CV 5/5; 102/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190
[CV 2/5; 99/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.395 total
time= 1.5s
[CV 5/5; 99/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.437 total
time= 1.5s
[CV 1/5; 103/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94
[CV 2/5; 103/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94
[CV 3/5; 103/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94
[CV 3/5; 99/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.413 total
time= 1.6s
[CV 1/5; 99/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.432 total
time= 1.6s
[CV 4/5; 103/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94
[CV 5/5; 103/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94

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[CV 2/5; 103/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94;; score=0.396 total
time= 0.6s

[CV 3/5; 103/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94;; score=0.392 total
time= 0.6s

[CV 1/5; 104/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166

[CV 1/5; 103/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94;; score=0.414 total
time= 0.6s

[CV 2/5; 104/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166

[CV 3/5; 104/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166

[CV 5/5; 103/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94;; score=0.430 total
time= 0.6s

[CV 4/5; 104/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166

[CV 4/5; 103/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=94;; score=0.396 total
time= 0.7s

[CV 5/5; 104/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166

[CV 1/5; 102/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190;; score=0.396 total
time= 1.1s

[CV 1/5; 105/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 2/5; 102/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190;; score=0.388 total
time= 1.1s

[CV 4/5; 102/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190;; score=0.374 total
time= 1.1s

[CV 2/5; 105/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 3/5; 105/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 5/5; 102/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190;; score=0.394 total
time= 1.1s

[CV 4/5; 105/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 3/5; 102/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=190;; score=0.373 total
time= 1.2s

[CV 5/5; 105/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16
[CV 1/5; 105/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.425 total
time= 0.3s
[CV 1/5; 106/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96
[CV 2/5; 105/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.381 total
time= 0.3s
[CV 2/5; 106/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96
[CV 4/5; 105/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.385 total
time= 0.3s
[CV 3/5; 106/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96
[CV 3/5; 105/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.399 total
time= 0.3s
[CV 4/5; 106/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96
[CV 5/5; 105/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.424 total
time= 0.3s
[CV 5/5; 106/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96
[CV 1/5; 106/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96;; score=0.414 total
time= 0.4s
[CV 1/5; 107/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140
[CV 2/5; 104/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166;; score=0.398 total
time= 1.1s
[CV 2/5; 107/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140
[CV 4/5; 104/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166;; score=0.406 total
time= 1.1s
[CV 3/5; 107/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140
[CV 3/5; 104/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166;; score=0.402 total
time= 1.2s
[CV 5/5; 106/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96;; score=0.387 total
time= 0.4s

[CV 4/5; 107/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140

[CV 4/5; 106/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96;; score=0.391 total
time= 0.4s

[CV 2/5; 106/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96;; score=0.406 total
time= 0.4s

[CV 5/5; 107/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140

[CV 3/5; 106/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=96;; score=0.359 total
time= 0.4s

[CV 1/5; 108/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162

[CV 1/5; 104/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166;; score=0.422 total
time= 1.2s

[CV 2/5; 108/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162

[CV 3/5; 108/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162

[CV 4/5; 108/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162

[CV 5/5; 104/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=166;; score=0.422 total
time= 1.1s

[CV 5/5; 108/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162

[CV 3/5; 108/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162;; score=0.412 total
time= 2.8s

[CV 1/5; 108/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162;; score=0.428 total
time= 2.8s

[CV 1/5; 109/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56

[CV 2/5; 109/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56

[CV 5/5; 108/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162;; score=0.419 total
time= 2.8s

[CV 2/5; 108/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162;; score=0.392 total
time= 2.8s

[CV 3/5; 109/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56

[CV 4/5; 109/400] START bootstrap=True, max_depth=8, max_features=sqrt,


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min_samples_leaf=2, min_samples_split=4, n_estimators=56
[CV 4/5; 108/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=162;; score=0.395 total
time= 2.8s
[CV 5/5; 109/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56
[CV 2/5; 109/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56;; score=0.396 total
time= 0.2s
[CV 1/5; 110/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154
[CV 1/5; 109/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56;; score=0.409 total
time= 0.2s
[CV 3/5; 109/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56;; score=0.377 total
time= 0.2s
[CV 2/5; 110/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154
[CV 3/5; 110/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154
[CV 4/5; 109/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56;; score=0.399 total
time= 0.2s
[CV 5/5; 109/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=56;; score=0.390 total
time= 0.2s
[CV 4/5; 110/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154
[CV 5/5; 110/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154
[CV 1/5; 110/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154;; score=0.409 total
time= 0.9s
[CV 1/5; 111/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128
[CV 2/5; 110/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154;; score=0.390 total
time= 0.9s
[CV 2/5; 111/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128
[CV 5/5; 110/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154;; score=0.391 total
time= 0.8s
[CV 3/5; 110/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154;; score=0.376 total
time= 0.9s
[CV 3/5; 111/400] START bootstrap=True, max_depth=6, max_features=None,

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min_samples_leaf=3, min_samples_split=5, n_estimators=128
[CV 4/5; 110/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=154;; score=0.381 total
time= 0.9s
[CV 4/5; 111/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128
[CV 5/5; 111/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128
[CV 2/5; 107/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140;; score=0.417 total
time= 4.3s
[CV 1/5; 112/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78
[CV 1/5; 107/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140;; score=0.416 total
time= 4.5s
[CV 5/5; 107/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140;; score=0.398 total
time= 4.4s
[CV 4/5; 107/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140;; score=0.406 total
time= 4.4s
[CV 2/5; 112/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78
[CV 3/5; 112/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78
[CV 4/5; 112/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78
[CV 3/5; 107/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=140;; score=0.398 total
time= 4.5s
[CV 5/5; 112/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78
[CV 1/5; 112/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78;; score=0.422 total
time= 0.5s
[CV 1/5; 113/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138
[CV 2/5; 112/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78;; score=0.396 total
time= 0.5s
[CV 3/5; 112/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78;; score=0.368 total
time= 0.5s
[CV 2/5; 113/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138
[CV 3/5; 113/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138

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[CV 1/5; 111/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128;; score=0.410 total
time= 1.1s

[CV 5/5; 112/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78;; score=0.389 total
time= 0.6s

[CV 4/5; 113/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138

[CV 4/5; 112/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=78;; score=0.370 total
time= 0.6s

[CV 5/5; 113/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138

[CV 1/5; 114/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148

[CV 3/5; 111/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128;; score=0.369 total
time= 1.1s

[CV 2/5; 111/400] END bootstrap=True, max_depth=6,
max_features=None, min_samples_leaf=3, min_samples_split=5, n_estimators=128;;
score=0.388 total time= 1.2s

[CV 2/5; 114/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148

[CV 3/5; 114/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148

[CV 5/5; 111/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128;; score=0.391 total
time= 1.2s

[CV 4/5; 114/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148

[CV 4/5; 111/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=128;; score=0.364 total
time= 1.2s

[CV 5/5; 114/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148

[CV 1/5; 113/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138;; score=0.427 total
time= 1.1s

[CV 1/5; 115/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178

[CV 2/5; 113/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138;; score=0.409 total
time= 1.1s

[CV 3/5; 113/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138;; score=0.369 total
time= 1.1s

[CV 2/5; 115/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178

[CV 5/5; 113/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138;; score=0.407 total
time= 1.0s

[CV 3/5; 115/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178

[CV 4/5; 115/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178

[CV 4/5; 113/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=138;; score=0.357 total
time= 1.1s

[CV 5/5; 115/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178

[CV 1/5; 114/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148;; score=0.417 total
time= 2.9s

[CV 1/5; 116/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184

[CV 2/5; 114/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148;; score=0.384 total
time= 3.0s

[CV 2/5; 116/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184

[CV 3/5; 114/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148;; score=0.412 total
time= 3.0s

[CV 4/5; 114/400] END bootstrap=True, max_depth=17,
max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=148;;
score=0.387 total time= 3.0s

[CV 3/5; 116/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184

[CV 4/5; 116/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184

[CV 5/5; 114/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=148;; score=0.429 total
time= 3.0s

[CV 5/5; 116/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184

[CV 1/5; 115/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178;; score=0.428 total
time= 2.5s

[CV 1/5; 117/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174

[CV 3/5; 115/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178;; score=0.396 total
time= 2.4s

[CV 2/5; 117/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174

[CV 2/5; 115/400] END bootstrap=True, max_depth=10, max_features=None,

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min_samples_leaf=1, min_samples_split=7, n_estimators=178;, score=0.394 total
time= 2.5s
[CV 3/5; 117/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174
[CV 4/5; 115/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178;, score=0.406 total
time= 2.5s
[CV 4/5; 117/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174
[CV 5/5; 115/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=178;, score=0.422 total
time= 2.5s
[CV 5/5; 117/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174
[CV 1/5; 117/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174;, score=0.416 total
time= 0.4s
[CV 1/5; 118/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130
[CV 3/5; 117/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174;, score=0.365 total
time= 0.5s
[CV 2/5; 118/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130
[CV 2/5; 117/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174;, score=0.395 total
time= 0.6s
[CV 3/5; 118/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130
[CV 4/5; 117/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174;, score=0.395 total
time= 0.5s
[CV 4/5; 118/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130
[CV 5/5; 117/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=174;, score=0.379 total
time= 0.5s
[CV 5/5; 118/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130
[CV 1/5; 116/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184;, score=0.439 total
time= 3.1s
[CV 1/5; 119/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28
[CV 4/5; 116/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184;, score=0.399 total
time= 3.2s
[CV 2/5; 119/400] START bootstrap=True, max_depth=16, max_features=None,

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min_samples_leaf=2, min_samples_split=4, n_estimators=28
[CV 3/5; 116/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184;; score=0.403 total
time= 3.2s
[CV 3/5; 119/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28
[CV 5/5; 116/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184;; score=0.423 total
time= 3.1s
[CV 4/5; 119/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28
[CV 2/5; 116/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=184;; score=0.388 total
time= 3.3s
[CV 5/5; 119/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28
[CV 1/5; 119/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28;; score=0.433 total
time= 0.5s
[CV 1/5; 120/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140
[CV 2/5; 119/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28;; score=0.383 total
time= 0.6s
[CV 2/5; 120/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140
[CV 4/5; 119/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28;; score=0.391 total
time= 0.5s
[CV 3/5; 119/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28;; score=0.407 total
time= 0.5s
[CV 3/5; 120/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140
[CV 5/5; 119/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=28;; score=0.441 total
time= 0.5s
[CV 4/5; 120/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140
[CV 5/5; 120/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140
[CV 1/5; 120/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140;; score=0.417 total
time= 1.0s
[CV 1/5; 121/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158
[CV 5/5; 120/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140;; score=0.422 total

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time= 0.9s
[CV 2/5; 121/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158
[CV 2/5; 120/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140;; score=0.398 total
time= 1.0s
[CV 3/5; 121/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158
[CV 4/5; 120/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140;; score=0.390 total
time= 1.1s
[CV 4/5; 121/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158
[CV 3/5; 120/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=140;; score=0.407 total
time= 1.1s
[CV 5/5; 121/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158
[CV 1/5; 118/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130;; score=0.396 total
time= 4.3s
[CV 1/5; 122/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106
[CV 2/5; 118/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130;; score=0.418 total
time= 4.4s
[CV 2/5; 122/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106
[CV 4/5; 118/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130;; score=0.383 total
time= 4.4s
[CV 3/5; 122/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106
[CV 3/5; 118/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130;; score=0.379 total
time= 4.6s
[CV 4/5; 122/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106
[CV 5/5; 118/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=130;; score=0.413 total
time= 4.5s
[CV 5/5; 122/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106
[CV 1/5; 121/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158;; score=0.407 total
time= 1.9s
[CV 1/5; 123/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196

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[CV 5/5; 121/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158;; score=0.386 total
time= 1.8s

[CV 2/5; 123/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196

[CV 2/5; 121/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158;; score=0.379 total
time= 1.9s

[CV 3/5; 123/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196

[CV 3/5; 121/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=158;; score=0.348 total
time= 2.0s

[CV 4/5; 123/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196[CV 4/5; 121/400] END
bootstrap=False, max_depth=5, max_features=None, min_samples_leaf=2,
min_samples_split=9, n_estimators=158;; score=0.381 total time= 1.9s

[CV 5/5; 123/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196

[CV 1/5; 122/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106;; score=0.413 total
time= 1.9s

[CV 1/5; 124/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128

[CV 2/5; 122/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106;; score=0.372 total
time= 2.0s

[CV 2/5; 124/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128

[CV 3/5; 122/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106;; score=0.347 total
time= 1.9s

[CV 3/5; 124/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128

[CV 4/5; 122/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106;; score=0.348 total
time= 2.0s

[CV 5/5; 122/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=106;; score=0.372 total
time= 1.9s

[CV 4/5; 124/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128

[CV 5/5; 124/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128

[CV 1/5; 123/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.410 total
time= 1.8s

[CV 1/5; 125/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96

[CV 2/5; 123/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.395 total
time= 1.7s

[CV 2/5; 125/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96

[CV 3/5; 123/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.369 total
time= 1.8s

[CV 3/5; 125/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96

[CV 5/5; 123/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.394 total
time= 1.7s

[CV 4/5; 123/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.381 total
time= 1.7s

[CV 4/5; 125/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96

[CV 5/5; 125/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96

[CV 1/5; 124/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128;; score=0.444 total
time= 1.9s

[CV 1/5; 126/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84

[CV 3/5; 124/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128;; score=0.396 total
time= 2.0s

[CV 2/5; 126/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84

[CV 2/5; 124/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128;; score=0.392 total
time= 2.0s

[CV 3/5; 126/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84

[CV 5/5; 124/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128;; score=0.431 total
time= 1.9s

[CV 4/5; 124/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=128;; score=0.398 total
time= 1.9s

[CV 4/5; 126/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84

[CV 5/5; 126/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84

[CV 1/5; 125/400] END bootstrap=True, max_depth=10, max_features=None,

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min_samples_leaf=2, min_samples_split=8, n_estimators=96;; score=0.451 total
time= 1.3s
[CV 2/5; 125/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96;; score=0.398 total
time= 1.3s
[CV 1/5; 127/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 2/5; 127/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 1/5; 126/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.416 total
time= 0.7s
[CV 3/5; 127/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 5/5; 125/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96;; score=0.424 total
time= 1.2s
[CV 4/5; 127/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 2/5; 127/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.368 total
time= 0.2s
[CV 3/5; 125/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96;; score=0.384 total
time= 1.4s
[CV 5/5; 127/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14
[CV 1/5; 128/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 1/5; 127/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.417 total
time= 0.2s
[CV 2/5; 128/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 4/5; 125/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=96;; score=0.407 total
time= 1.4s
[CV 3/5; 128/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 3/5; 127/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.392 total
time= 0.2s
[CV 4/5; 128/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 4/5; 127/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.403 total
time= 0.2s
[CV 5/5; 128/400] START bootstrap=True, max_depth=15, max_features=None,

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min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 5/5; 127/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=14;; score=0.407 total
time= 0.2s
[CV 1/5; 129/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182
[CV 3/5; 126/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.379 total
time= 0.7s
[CV 2/5; 126/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.399 total
time= 0.7s
[CV 2/5; 129/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182
[CV 3/5; 129/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182
[CV 4/5; 126/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.403 total
time= 0.8s
[CV 4/5; 129/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182
[CV 5/5; 126/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.394 total
time= 0.7s
[CV 5/5; 129/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182
[CV 2/5; 128/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.391 total
time= 0.8s
[CV 1/5; 130/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44
[CV 1/5; 128/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.414 total
time= 0.9s
[CV 2/5; 130/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44
[CV 4/5; 128/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.381 total
time= 0.8s
[CV 3/5; 130/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44
[CV 3/5; 128/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.427 total
time= 0.9s
[CV 4/5; 130/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44
[CV 5/5; 128/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.430 total

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time= 0.8s
[CV 5/5; 130/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44
[CV 2/5; 130/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44;; score=0.383 total
time= 0.4s
[CV 1/5; 131/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76
[CV 3/5; 130/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44;; score=0.365 total
time= 0.4s
[CV 2/5; 131/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76
[CV 4/5; 130/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44;; score=0.388 total
time= 0.4s
[CV 1/5; 130/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44;; score=0.422 total
time= 0.5s
[CV 3/5; 131/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76
[CV 4/5; 131/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76
[CV 5/5; 130/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=44;; score=0.407 total
time= 0.4s
[CV 5/5; 131/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76
[CV 1/5; 131/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76;; score=0.416 total
time= 0.6s
[CV 1/5; 132/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48
[CV 2/5; 131/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76;; score=0.401 total
time= 0.6s
[CV 3/5; 131/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76;; score=0.380 total
time= 0.6s
[CV 2/5; 132/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48
[CV 4/5; 131/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76;; score=0.402 total
time= 0.6s
[CV 3/5; 132/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48
[CV 4/5; 132/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48

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[CV 5/5; 131/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=76;; score=0.394 total
time= 0.6s

[CV 5/5; 132/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48

[CV 1/5; 132/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48;; score=0.442 total
time= 0.6s

[CV 1/5; 133/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112

[CV 3/5; 132/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48;; score=0.384 total
time= 0.6s

[CV 2/5; 132/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48;; score=0.391 total
time= 0.6s

[CV 2/5; 133/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112

[CV 4/5; 132/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48;; score=0.381 total
time= 0.6s

[CV 3/5; 133/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112

[CV 4/5; 133/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112

[CV 5/5; 132/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=48;; score=0.427 total
time= 0.7s

[CV 5/5; 133/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112

[CV 1/5; 129/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182;; score=0.425 total
time= 3.4s

[CV 1/5; 134/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182

[CV 2/5; 129/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182;; score=0.395 total
time= 3.4s

[CV 2/5; 134/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182

[CV 3/5; 129/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182;; score=0.407 total
time= 3.5s

[CV 3/5; 134/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182

[CV 5/5; 129/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182;; score=0.444 total
time= 3.4s

[CV 4/5; 134/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182

[CV 4/5; 129/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=182;; score=0.399 total
time= 3.4s

[CV 5/5; 134/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182

[CV 1/5; 133/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112;; score=0.406 total
time= 1.5s

[CV 1/5; 135/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 3/5; 133/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112;; score=0.357 total
time= 1.5s

[CV 2/5; 135/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 2/5; 133/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112;; score=0.391 total
time= 1.6s

[CV 3/5; 135/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 5/5; 133/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112;; score=0.393 total
time= 1.6s

[CV 4/5; 135/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 4/5; 133/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=112;; score=0.372 total
time= 1.7s

[CV 5/5; 135/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16

[CV 1/5; 135/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.405 total
time= 0.4s

[CV 1/5; 136/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52

[CV 2/5; 135/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.374 total
time= 0.4s

[CV 2/5; 136/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52

[CV 3/5; 135/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.416 total
time= 0.3s

[CV 3/5; 136/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52

[CV 5/5; 135/400] END bootstrap=True, max_depth=None, max_features=None,

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min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.423 total
time= 0.3s
[CV 4/5; 135/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=16;; score=0.381 total
time= 0.4s
[CV 4/5; 136/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52
[CV 5/5; 136/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52
[CV 2/5; 136/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52;; score=0.399 total
time= 1.0s
[CV 1/5; 137/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24
[CV 1/5; 136/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52;; score=0.421 total
time= 1.1s
[CV 2/5; 137/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24
[CV 3/5; 136/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52;; score=0.429 total
time= 1.0s
[CV 3/5; 137/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24
[CV 4/5; 136/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52;; score=0.391 total
time= 1.0s
[CV 4/5; 137/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24
[CV 5/5; 136/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=52;; score=0.448 total
time= 1.0s
[CV 5/5; 137/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24
[CV 1/5; 137/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24;; score=0.433 total
time= 0.5s
[CV 1/5; 138/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108
[CV 2/5; 137/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24;; score=0.384 total
time= 0.4s
[CV 2/5; 138/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108
[CV 3/5; 137/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24;; score=0.431 total
time= 0.5s
[CV 3/5; 138/400] START bootstrap=True, max_depth=16, max_features=None,

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min_samples_leaf=3, min_samples_split=5, n_estimators=108
[CV 4/5; 137/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24;; score=0.394 total
time= 0.5s
[CV 5/5; 137/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=24;; score=0.435 total
time= 0.4s
[CV 4/5; 138/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108
[CV 5/5; 138/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108
[CV 1/5; 134/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182;; score=0.417 total
time= 3.5s
[CV 1/5; 139/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118
[CV 2/5; 134/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182;; score=0.391 total
time= 3.5s
[CV 2/5; 139/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118
[CV 3/5; 134/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182;; score=0.410 total
time= 3.6s
[CV 3/5; 139/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118
[CV 4/5; 134/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182;; score=0.402 total
time= 3.6s
[CV 4/5; 139/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118
[CV 5/5; 134/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=182;; score=0.434 total
time= 3.6s
[CV 5/5; 139/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118
[CV 2/5; 138/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108;; score=0.399 total
time= 2.0s
[CV 1/5; 140/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136
[CV 1/5; 138/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108;; score=0.442 total
time= 2.0s
[CV 2/5; 140/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136
[CV 4/5; 138/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108;; score=0.392 total

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time= 1.9s
[CV 3/5; 140/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136
[CV 5/5; 138/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108;; score=0.438 total
time= 2.0s
[CV 3/5; 138/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=108;; score=0.421 total
time= 2.1s
[CV 5/5; 140/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136
[CV 4/5; 140/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136
[CV 1/5; 139/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118;; score=0.414 total
time= 3.3s
[CV 1/5; 141/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 2/5; 139/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118;; score=0.390 total
time= 3.4s
[CV 2/5; 141/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 1/5; 140/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136;; score=0.424 total
time= 2.8s
[CV 3/5; 141/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 1/5; 141/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.413 total
time= 0.4s
[CV 4/5; 141/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 2/5; 140/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136;; score=0.394 total
time= 2.8s
[CV 5/5; 141/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 3/5; 140/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136;; score=0.405 total
time= 2.8s
[CV 1/5; 142/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8
[CV 5/5; 140/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136;; score=0.431 total
time= 2.7s
[CV 2/5; 142/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8

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[CV 2/5; 141/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.390 total
time= 0.4s

[CV 3/5; 139/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118;; score=0.399 total
time= 3.6s

[CV 3/5; 142/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8

[CV 4/5; 142/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8

[CV 1/5; 142/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.406 total
time= 0.1s

[CV 2/5; 142/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.392 total
time= 0.1s

[CV 5/5; 142/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8

[CV 1/5; 143/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38

[CV 4/5; 139/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118;; score=0.373 total
time= 3.6s

[CV 2/5; 143/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38

[CV 4/5; 140/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=136;; score=0.388 total
time= 2.8s

[CV 5/5; 139/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=118;; score=0.411 total
time= 3.6s

[CV 3/5; 143/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38

[CV 4/5; 143/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38

[CV 3/5; 142/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.357 total
time= 0.1s

[CV 5/5; 143/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38

[CV 4/5; 142/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.374 total
time= 0.1s

[CV 1/5; 144/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134

[CV 5/5; 142/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.386 total
time= 0.1s

[CV 2/5; 144/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134

[CV 4/5; 141/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.391 total
time= 0.3s

[CV 3/5; 144/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134

[CV 3/5; 141/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.359 total
time= 0.4s

[CV 4/5; 144/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134

[CV 5/5; 141/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.387 total
time= 0.4s

[CV 5/5; 144/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134

[CV 2/5; 143/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.392 total
time= 0.5s

[CV 1/5; 145/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30

[CV 4/5; 143/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.374 total
time= 0.5s

[CV 1/5; 143/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.406 total
time= 0.6s

[CV 2/5; 145/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30

[CV 3/5; 145/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30

[CV 3/5; 143/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.357 total
time= 0.6s

[CV 4/5; 145/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30

[CV 1/5; 145/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30;; score=0.417 total
time= 0.1s

[CV 5/5; 145/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30

[CV 5/5; 143/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.386 total
time= 0.6s

[CV 1/5; 146/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168

[CV 3/5; 145/400] END bootstrap=False, max_depth=5, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=4, n_estimators=30;; score=0.361 total
time= 0.1s
[CV 2/5; 146/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168
[CV 2/5; 145/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30;; score=0.398 total
time= 0.1s
[CV 3/5; 146/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168
[CV 4/5; 145/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30;; score=0.394 total
time= 0.1s
[CV 4/5; 146/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168
[CV 1/5; 144/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134;; score=0.407 total
time= 0.7s
[CV 5/5; 146/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168
[CV 5/5; 145/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=30;; score=0.393 total
time= 0.1s
[CV 1/5; 147/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56
[CV 2/5; 144/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134;; score=0.380 total
time= 0.7s
[CV 2/5; 147/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56
[CV 3/5; 144/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134;; score=0.377 total
time= 0.7s
[CV 3/5; 147/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56
[CV 4/5; 144/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134;; score=0.376 total
time= 0.7s
[CV 4/5; 147/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56
[CV 5/5; 144/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=134;; score=0.382 total
time= 0.8s
[CV 5/5; 147/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56
[CV 1/5; 146/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168;; score=0.444 total
time= 1.1s
[CV 2/5; 146/400] END bootstrap=True, max_depth=20, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=9, n_estimators=168;, score=0.406 total
time= 1.1s
[CV 1/5; 148/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132
[CV 2/5; 148/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132
[CV 4/5; 146/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168;, score=0.391 total
time= 1.1s
[CV 3/5; 148/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132
[CV 2/5; 147/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56;, score=0.396 total
time= 1.0s
[CV 4/5; 148/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132
[CV 5/5; 146/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168;, score=0.435 total
time= 1.1s
[CV 5/5; 148/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132
[CV 3/5; 146/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=168;, score=0.403 total
time= 1.2s
[CV 1/5; 149/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 1/5; 147/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56;, score=0.428 total
time= 1.2s
[CV 2/5; 149/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 4/5; 147/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56;, score=0.395 total
time= 1.1s
[CV 3/5; 149/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 3/5; 147/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56;, score=0.433 total
time= 1.1s
[CV 4/5; 149/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 5/5; 147/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=56;, score=0.457 total
time= 1.1s
[CV 5/5; 149/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 1/5; 148/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132;, score=0.424 total

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time= 0.9s
[CV 1/5; 150/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140
[CV 2/5; 148/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132;; score=0.384 total
time= 0.9s
[CV 2/5; 150/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140
[CV 3/5; 148/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132;; score=0.396 total
time= 0.9s
[CV 3/5; 150/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140
[CV 4/5; 148/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132;; score=0.383 total
time= 0.9s
[CV 4/5; 150/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140
[CV 5/5; 148/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=132;; score=0.419 total
time= 0.9s
[CV 5/5; 150/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140
[CV 2/5; 150/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140;; score=0.413 total
time= 1.0s
[CV 1/5; 151/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8
[CV 1/5; 150/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140;; score=0.414 total
time= 1.1s
[CV 2/5; 151/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8
[CV 1/5; 151/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.406 total
time= 0.0s
[CV 3/5; 151/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8
[CV 2/5; 151/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.401 total
time= 0.0s
[CV 3/5; 150/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140;; score=0.357 total
time= 1.1s
[CV 4/5; 151/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8
[CV 5/5; 151/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8

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[CV 3/5; 151/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.358 total
time= 0.0s

[CV 4/5; 150/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140;; score=0.376 total
time= 1.1s

[CV 1/5; 152/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106

[CV 2/5; 152/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106

[CV 4/5; 151/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.384 total
time= 0.0s

[CV 3/5; 152/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106

[CV 5/5; 151/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=8;; score=0.367 total
time= 0.0s

[CV 5/5; 150/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=140;; score=0.385 total
time= 1.0s

[CV 4/5; 152/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106

[CV 5/5; 152/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106

[CV 1/5; 152/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106;; score=0.407 total
time= 1.2s

[CV 1/5; 153/400] START bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68

[CV 2/5; 152/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106;; score=0.379 total
time= 1.3s

[CV 4/5; 152/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106;; score=0.381 total
time= 1.3s

[CV 2/5; 153/400] START bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68

[CV 5/5; 152/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106;; score=0.386 total
time= 1.3s

[CV 3/5; 153/400] START bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68

[CV 4/5; 153/400] START bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68

[CV 3/5; 152/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=106;; score=0.348 total
time= 1.3s

[CV 5/5; 153/400] START bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68
[CV 2/5; 153/400] END bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68;; score=0.395 total
time= 0.4s
[CV 1/5; 154/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28
[CV 1/5; 153/400] END bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68;; score=0.421 total
time= 0.5s
[CV 2/5; 154/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28
[CV 3/5; 153/400] END bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68;; score=0.369 total
time= 0.5s
[CV 4/5; 153/400] END bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68;; score=0.379 total
time= 0.4s
[CV 5/5; 153/400] END bootstrap=False, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=68;; score=0.386 total
time= 0.4s
[CV 3/5; 154/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28
[CV 4/5; 154/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28
[CV 5/5; 154/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28
[CV 1/5; 149/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.421 total
time= 4.3s
[CV 1/5; 155/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156
[CV 2/5; 154/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28;; score=0.387 total
time= 0.7s
[CV 2/5; 149/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.394 total
time= 4.3s
[CV 2/5; 155/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156
[CV 1/5; 154/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28;; score=0.418 total
time= 0.7s
[CV 3/5; 155/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156
[CV 4/5; 155/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156
[CV 3/5; 154/400] END bootstrap=False, max_depth=12, max_features=None,


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min_samples_leaf=1, min_samples_split=3, n_estimators=28;; score=0.329 total
time= 0.7s
[CV 5/5; 155/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156
[CV 5/5; 154/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28;; score=0.371 total
time= 0.7s
[CV 1/5; 156/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42
[CV 4/5; 154/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=28;; score=0.366 total
time= 0.8s
[CV 5/5; 149/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.389 total
time= 4.3s
[CV 2/5; 156/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42
[CV 3/5; 156/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42
[CV 3/5; 149/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.385 total
time= 4.4s
[CV 4/5; 156/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42
[CV 4/5; 149/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.374 total
time= 4.6s
[CV 5/5; 156/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42
[CV 1/5; 156/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42;; score=0.420 total
time= 0.4s
[CV 1/5; 157/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104
[CV 2/5; 156/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42;; score=0.390 total
time= 0.4s
[CV 2/5; 157/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104
[CV 3/5; 156/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42;; score=0.381 total
time= 0.5s
[CV 3/5; 157/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104
[CV 4/5; 156/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42;; score=0.374 total
time= 0.5s
[CV 4/5; 157/400] START bootstrap=True, max_depth=5, max_features=None,

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min_samples_leaf=2, min_samples_split=9, n_estimators=104
[CV 5/5; 156/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=42;; score=0.409 total
time= 0.4s
[CV 5/5; 157/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104
[CV 1/5; 157/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104;; score=0.413 total
time= 0.8s
[CV 1/5; 158/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186
[CV 1/5; 155/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156;; score=0.412 total
time= 1.4s
[CV 2/5; 158/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186
[CV 2/5; 155/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156;; score=0.394 total
time= 1.4s
[CV 3/5; 158/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186
[CV 2/5; 157/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104;; score=0.398 total
time= 0.9s
[CV 4/5; 158/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186
[CV 4/5; 155/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156;; score=0.365 total
time= 1.4s
[CV 5/5; 158/400] START bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186
[CV 3/5; 157/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104;; score=0.346 total
time= 0.9s
[CV 1/5; 159/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144
[CV 3/5; 155/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156;; score=0.376 total
time= 1.5s
[CV 2/5; 159/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144
[CV 5/5; 155/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=156;; score=0.393 total
time= 1.5s
[CV 4/5; 157/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=104;; score=0.372 total
time= 0.9s
[CV 5/5; 157/400] END bootstrap=True, max_depth=5, max_features=None,

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min_samples_leaf=2, min_samples_split=9, n_estimators=104;; score=0.390 total
time= 0.8s
[CV 4/5; 159/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144
[CV 3/5; 159/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144
[CV 5/5; 159/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144
[CV 2/5; 159/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144;; score=0.398 total
time= 1.6s
[CV 1/5; 160/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38
[CV 5/5; 159/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144;; score=0.396 total
time= 1.6s
[CV 1/5; 159/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144;; score=0.433 total
time= 1.7s
[CV 2/5; 160/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38
[CV 3/5; 160/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38
[CV 3/5; 159/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144;; score=0.376 total
time= 1.6s
[CV 4/5; 159/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=144;; score=0.383 total
time= 1.6s
[CV 4/5; 160/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38
[CV 5/5; 160/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38
[CV 2/5; 158/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186;; score=0.402 total
time= 1.9s
[CV 1/5; 161/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156
[CV 3/5; 158/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186;; score=0.377 total
time= 2.0s
[CV 2/5; 161/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156
[CV 4/5; 158/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186;; score=0.387 total
time= 2.0s
[CV 3/5; 161/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156

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[CV 1/5; 158/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186;; score=0.424 total
time= 2.1s

[CV 5/5; 158/400] END bootstrap=False, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=186;; score=0.401 total
time= 2.0s

[CV 4/5; 161/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156

[CV 5/5; 161/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156

[CV 1/5; 160/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.416 total
time= 0.7s

[CV 1/5; 162/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76

[CV 3/5; 160/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.405 total
time= 0.7s

[CV 2/5; 162/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76

[CV 2/5; 160/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.390 total
time= 0.7s

[CV 3/5; 162/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76

[CV 5/5; 160/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.419 total
time= 0.7s

[CV 4/5; 162/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76

[CV 4/5; 160/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=38;; score=0.396 total
time= 0.7s

[CV 5/5; 162/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76

[CV 1/5; 161/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156;; score=0.413 total
time= 1.2s

[CV 1/5; 163/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18

[CV 3/5; 161/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156;; score=0.354 total
time= 1.2s

[CV 5/5; 161/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156;; score=0.391 total
time= 1.2s

[CV 2/5; 163/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18

[CV 3/5; 163/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18

[CV 2/5; 161/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156;; score=0.417 total
time= 1.3s

[CV 1/5; 163/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18;; score=0.427 total
time= 0.2s

[CV 4/5; 163/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18

[CV 5/5; 163/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18

[CV 4/5; 161/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=156;; score=0.374 total
time= 1.3s

[CV 1/5; 164/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148

[CV 3/5; 163/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18;; score=0.370 total
time= 0.2s

[CV 2/5; 163/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18;; score=0.368 total
time= 0.2s

[CV 2/5; 164/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148

[CV 3/5; 164/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148

[CV 5/5; 163/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18;; score=0.394 total
time= 0.2s

[CV 4/5; 164/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148

[CV 4/5; 163/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=18;; score=0.399 total
time= 0.2s

[CV 5/5; 164/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148

[CV 2/5; 162/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.396 total
time= 2.4s

[CV 1/5; 165/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184

[CV 1/5; 162/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.422 total
time= 2.5s

[CV 2/5; 165/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184

[CV 4/5; 162/400] END bootstrap=False, max_depth=18, max_features=None,

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min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.388 total
time= 2.5s
[CV 5/5; 162/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.424 total
time= 2.5s
[CV 3/5; 165/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184
[CV 4/5; 165/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184
[CV 3/5; 162/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=76;; score=0.390 total
time= 2.6s
[CV 5/5; 165/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184
[CV 1/5; 164/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148;; score=0.424 total
time= 3.7s
[CV 1/5; 166/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34
[CV 2/5; 164/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148;; score=0.380 total
time= 3.6s
[CV 2/5; 166/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34
[CV 4/5; 164/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148;; score=0.369 total
time= 3.7s
[CV 1/5; 166/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34;; score=0.439 total
time= 0.2s
[CV 3/5; 166/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34
[CV 5/5; 164/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148;; score=0.389 total
time= 3.7s
[CV 4/5; 166/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34
[CV 3/5; 164/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=148;; score=0.336 total
time= 3.8s
[CV 2/5; 166/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34;; score=0.391 total
time= 0.2s
[CV 5/5; 166/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34
[CV 1/5; 167/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134
[CV 2/5; 167/400] START bootstrap=True, max_depth=16, max_features=None,

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min_samples_leaf=1, min_samples_split=3, n_estimators=134
[CV 3/5; 166/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34;; score=0.388 total
time= 0.2s
[CV 3/5; 167/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134
[CV 5/5; 166/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34;; score=0.415 total
time= 0.2s
[CV 4/5; 167/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134
[CV 4/5; 166/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=34;; score=0.392 total
time= 0.2s
[CV 5/5; 167/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134
[CV 1/5; 165/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184;; score=0.439 total
time= 3.3s
[CV 1/5; 168/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130
[CV 2/5; 165/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184;; score=0.388 total
time= 3.4s
[CV 2/5; 168/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130
[CV 3/5; 165/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184;; score=0.416 total
time= 3.4s
[CV 3/5; 168/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130
[CV 4/5; 165/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184;; score=0.394 total
time= 3.4s
[CV 4/5; 168/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130
[CV 5/5; 165/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=184;; score=0.430 total
time= 3.4s
[CV 5/5; 168/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130
[CV 1/5; 168/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130;; score=0.444 total
time= 0.8s
[CV 1/5; 169/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 2/5; 168/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130;; score=0.395 total

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time= 0.8s
[CV 2/5; 169/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 4/5; 168/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130;; score=0.406 total
time= 0.8s
[CV 3/5; 169/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 3/5; 168/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130;; score=0.405 total
time= 0.8s
[CV 4/5; 169/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 5/5; 168/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=130;; score=0.423 total
time= 0.8s
[CV 5/5; 169/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168
[CV 1/5; 167/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134;; score=0.443 total
time= 2.5s
[CV 1/5; 170/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172
[CV 2/5; 167/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134;; score=0.392 total
time= 2.6s
[CV 2/5; 170/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172
[CV 5/5; 167/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134;; score=0.434 total
time= 2.5s
[CV 3/5; 170/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172
[CV 4/5; 167/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134;; score=0.395 total
time= 2.5s
[CV 4/5; 170/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172
[CV 3/5; 167/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=134;; score=0.413 total
time= 2.5s
[CV 5/5; 170/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172
[CV 1/5; 169/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.431 total
time= 1.2s
[CV 1/5; 171/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76

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[CV 2/5; 169/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.398 total
time= 1.1s

[CV 2/5; 171/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76

[CV 3/5; 169/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.414 total
time= 1.2s

[CV 3/5; 171/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76

[CV 4/5; 169/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.398 total
time= 1.2s

[CV 4/5; 171/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76

[CV 5/5; 169/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=168;; score=0.438 total
time= 1.1s

[CV 5/5; 171/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76

[CV 2/5; 170/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172;; score=0.379 total
time= 2.1s

[CV 1/5; 172/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6

[CV 1/5; 170/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172;; score=0.407 total
time= 2.1s

[CV 2/5; 172/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6

[CV 5/5; 170/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172;; score=0.386 total
time= 2.0s

[CV 3/5; 172/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6

[CV 1/5; 172/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6;; score=0.420 total
time= 0.2s

[CV 4/5; 172/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6

[CV 2/5; 172/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6;; score=0.372 total
time= 0.1s

[CV 5/5; 172/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6

[CV 3/5; 170/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172;; score=0.348 total
time= 2.1s

[CV 1/5; 173/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84

[CV 4/5; 170/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=172;; score=0.381 total
time= 2.1s

[CV 2/5; 173/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84

[CV 4/5; 172/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6;; score=0.368 total
time= 0.1s

[CV 5/5; 172/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6;; score=0.385 total
time= 0.1s

[CV 3/5; 173/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84

[CV 4/5; 173/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84

[CV 3/5; 172/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=6;; score=0.339 total
time= 0.2s

[CV 5/5; 173/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84

[CV 2/5; 171/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76;; score=0.396 total
time= 2.3s

[CV 1/5; 174/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 1/5; 171/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76;; score=0.406 total
time= 2.4s

[CV 2/5; 174/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 2/5; 173/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84;; score=0.380 total
time= 0.5s

[CV 3/5; 174/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 1/5; 173/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84;; score=0.427 total
time= 0.6s

[CV 4/5; 174/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 4/5; 173/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84;; score=0.391 total
time= 0.6s

[CV 5/5; 174/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 5/5; 173/400] END bootstrap=True, max_depth=20, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=6, n_estimators=84;; score=0.422 total
time= 0.6s
[CV 1/5; 175/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144[CV 3/5; 171/400] END
bootstrap=False, max_depth=16, max_features=None, min_samples_leaf=1,
min_samples_split=3, n_estimators=76;; score=0.383 total time= 2.4s
[CV 2/5; 175/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144
[CV 3/5; 173/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=84;; score=0.409 total
time= 0.6s
[CV 3/5; 175/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144
[CV 4/5; 171/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76;; score=0.391 total
time= 2.4s

[CV 4/5; 175/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144
[CV 5/5; 171/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=76;; score=0.376 total
time= 2.5s
[CV 5/5; 175/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144
[CV 3/5; 175/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144;; score=0.370 total
time= 0.7s
[CV 1/5; 176/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150
[CV 2/5; 175/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144;; score=0.391 total
time= 0.8s
[CV 2/5; 176/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150
[CV 4/5; 175/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144;; score=0.379 total
time= 0.8s
[CV 3/5; 176/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150
[CV 1/5; 175/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144;; score=0.414 total
time= 0.8s
[CV 4/5; 176/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150
[CV 5/5; 175/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=144;; score=0.397 total
time= 0.8s
[CV 5/5; 176/400] START bootstrap=False, max_depth=5, max_features=None,

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min_samples_leaf=2, min_samples_split=4, n_estimators=150
[CV 2/5; 174/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.391 total
time= 1.8s
[CV 1/5; 177/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24
[CV 1/5; 174/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.417 total
time= 1.9s
[CV 2/5; 177/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24
[CV 4/5; 174/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.374 total
time= 1.8s
[CV 3/5; 177/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24
[CV 5/5; 174/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.440 total
time= 1.7s
[CV 4/5; 177/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24
[CV 1/5; 177/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24;; score=0.421 total
time= 0.2s
[CV 3/5; 174/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.420 total
time= 2.0s
[CV 5/5; 177/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24
[CV 1/5; 178/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66
[CV 2/5; 177/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24;; score=0.406 total
time= 0.2s
[CV 2/5; 178/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66
[CV 3/5; 177/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24;; score=0.365 total
time= 0.2s
[CV 3/5; 178/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66
[CV 4/5; 177/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24;; score=0.379 total
time= 0.2s
[CV 4/5; 178/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66
[CV 1/5; 178/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66;; score=0.416 total

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time= 0.2s
[CV 5/5; 178/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66
[CV 5/5; 177/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=24;; score=0.404 total
time= 0.2s
[CV 1/5; 179/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18
[CV 2/5; 178/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66;; score=0.407 total
time= 0.2s
[CV 2/5; 179/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18
[CV 3/5; 178/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66;; score=0.366 total
time= 0.2s
[CV 4/5; 178/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66;; score=0.383 total
time= 0.2s
[CV 3/5; 179/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18
[CV 4/5; 179/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18
[CV 5/5; 178/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=66;; score=0.390 total
time= 0.2s
[CV 5/5; 179/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18
[CV 1/5; 179/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18;; score=0.414 total
time= 0.6s
[CV 1/5; 180/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130
[CV 2/5; 176/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150;; score=0.379 total
time= 1.8s
[CV 2/5; 180/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130
[CV 2/5; 179/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=18;; score=0.402 total
time= 0.6s
[CV 1/5; 176/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=150;; score=0.407 total
time= 1.8s
[CV 3/5; 180/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130
[CV 4/5; 180/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

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[CV 3/5; 176/400] END bootstrap=False, max_depth=5, max_features=None, min_samples_leaf=2, min_samples_split=4, n_estimators=150;; score=0.348 total time= 1.8s

[CV 4/5; 176/400] END bootstrap=False, max_depth=5, max_features=None, min_samples_leaf=2, min_samples_split=4, n_estimators=150;; score=0.381 total time= 1.8s

[CV 5/5; 180/400] START bootstrap=True, max_depth=6, max_features=None, min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 1/5; 181/400] START bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12

[CV 5/5; 176/400] END bootstrap=False, max_depth=5, max_features=None, min_samples_leaf=2, min_samples_split=4, n_estimators=150;; score=0.386 total time= 1.8s

[CV 1/5; 181/400] END bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12;; score=0.405 total time= 0.1s

[CV 2/5; 181/400] START bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12

[CV 4/5; 179/400] END bootstrap=False, max_depth=18, max_features=None, min_samples_leaf=1, min_samples_split=4, n_estimators=18;; score=0.390 total time= 0.6s

[CV 3/5; 181/400] START bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12

[CV 3/5; 179/400] END bootstrap=False, max_depth=18, max_features=None, min_samples_leaf=1, min_samples_split=4, n_estimators=18;; score=0.381 total time= 0.7s

[CV 4/5; 181/400] START bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12

[CV 5/5; 179/400] END bootstrap=False, max_depth=18, max_features=None, min_samples_leaf=1, min_samples_split=4, n_estimators=18;; score=0.409 total time= 0.6s

[CV 5/5; 181/400] START bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12

[CV 1/5; 182/400] START bootstrap=True, max_depth=6, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=96

[CV 3/5; 181/400] END bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12;; score=0.364 total time= 0.1s

[CV 2/5; 182/400] START bootstrap=True, max_depth=6, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=96

[CV 2/5; 181/400] END bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12;; score=0.380 total time= 0.1s

[CV 3/5; 182/400] START bootstrap=True, max_depth=6, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=96

[CV 5/5; 181/400] END bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=2, min_samples_split=2, n_estimators=12;; score=0.400 total time= 0.1s

[CV 4/5; 181/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=12;; score=0.358 total
time= 0.1s

[CV 4/5; 182/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96

[CV 5/5; 182/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96

[CV 1/5; 182/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96;; score=0.409 total
time= 0.8s

[CV 1/5; 183/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96

[CV 3/5; 182/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96;; score=0.368 total
time= 0.8s

[CV 2/5; 182/400] END bootstrap=True, max_depth=6,
max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=96;;
score=0.395 total time= 0.9s

[CV 2/5; 183/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96

[CV 3/5; 183/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96

[CV 4/5; 182/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96;; score=0.369 total
time= 0.9s

[CV 4/5; 183/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96

[CV 5/5; 182/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=96;; score=0.402 total
time= 0.9s

[CV 5/5; 183/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96

[CV 1/5; 180/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.412 total
time= 1.2s

[CV 1/5; 184/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172

[CV 4/5; 180/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.369 total
time= 1.2s

[CV 3/5; 180/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.368 total
time= 1.2s

[CV 2/5; 184/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172

[CV 3/5; 184/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172

[CV 5/5; 180/400] END bootstrap=True, max_depth=6, max_features=None,

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min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.396 total
time= 1.2s
[CV 4/5; 184/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172
[CV 2/5; 180/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.392 total
time= 1.3s
[CV 5/5; 184/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172
[CV 1/5; 183/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96;; score=0.432 total
time= 0.5s
[CV 1/5; 185/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168[CV 3/5; 183/400] END
bootstrap=True, max_depth=10, max_features=sqrt, min_samples_leaf=3,
min_samples_split=8, n_estimators=96;; score=0.394 total time= 0.4s

[CV 2/5; 185/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168
[CV 4/5; 183/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96;; score=0.410 total
time= 0.4s
[CV 5/5; 183/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96;; score=0.408 total
time= 0.4s
[CV 3/5; 185/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168
[CV 4/5; 185/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168
[CV 2/5; 183/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=96;; score=0.394 total
time= 0.5s
[CV 5/5; 185/400] START bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168
[CV 1/5; 185/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168;; score=0.409 total
time= 0.9s
[CV 1/5; 186/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84
[CV 2/5; 185/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168;; score=0.385 total
time= 0.9s
[CV 2/5; 186/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84
[CV 3/5; 185/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168;; score=0.377 total
time= 0.9s
[CV 3/5; 186/400] START bootstrap=False, max_depth=12, max_features=None,

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min_samples_leaf=3, min_samples_split=3, n_estimators=84
[CV 4/5; 185/400] END bootstrap=False, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=168;; score=0.381 total
time= 0.9s
[CV 4/5; 186/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84[CV 5/5; 185/400] END
bootstrap=False, max_depth=7, max_features=sqrt, min_samples_leaf=2,
min_samples_split=9, n_estimators=168;; score=0.389 total time= 0.9s

[CV 5/5; 186/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84
[CV 1/5; 186/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84;; score=0.424 total
time= 2.0s
[CV 1/5; 187/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166
[CV 4/5; 186/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84;; score=0.368 total
time= 2.0s
[CV 2/5; 186/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84;; score=0.380 total
time= 2.1s
[CV 2/5; 187/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166
[CV 5/5; 186/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84;; score=0.389 total
time= 2.1s
[CV 3/5; 187/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166
[CV 4/5; 187/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166
[CV 3/5; 186/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=84;; score=0.336 total
time= 2.2s
[CV 5/5; 187/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166
[CV 4/5; 184/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172;; score=0.366 total
time= 3.9s
[CV 1/5; 188/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126
[CV 1/5; 184/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172;; score=0.390 total
time= 4.0s
[CV 2/5; 188/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126
[CV 2/5; 184/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172;; score=0.374 total

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time= 4.0s
[CV 3/5; 188/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126
[CV 3/5; 184/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172;; score=0.351 total
time= 4.1s
[CV 4/5; 188/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126
[CV 1/5; 187/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166;; score=0.433 total
time= 1.0s
[CV 5/5; 188/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126
[CV 2/5; 187/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166;; score=0.398 total
time= 0.8s
[CV 5/5; 184/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=172;; score=0.440 total
time= 4.1s
[CV 1/5; 189/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150
[CV 2/5; 189/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150
[CV 3/5; 187/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166;; score=0.407 total
time= 0.9s
[CV 3/5; 189/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150
[CV 4/5; 187/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166;; score=0.407 total
time= 0.9s
[CV 4/5; 189/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150
[CV 5/5; 187/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=166;; score=0.407 total
time= 0.9s
[CV 5/5; 189/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150
[CV 2/5; 189/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150;; score=0.396 total
time= 0.9s
[CV 1/5; 190/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192
[CV 3/5; 189/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150;; score=0.370 total
time= 0.9s
[CV 2/5; 190/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192

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[CV 1/5; 189/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150;; score=0.402 total
time= 0.9s

[CV 4/5; 189/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150;; score=0.377 total
time= 0.9s

[CV 3/5; 190/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192

[CV 5/5; 189/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=150;; score=0.396 total
time= 0.9s

[CV 4/5; 190/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192

[CV 5/5; 190/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192

[CV 1/5; 188/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126;; score=0.447 total
time= 2.2s

[CV 1/5; 191/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148

[CV 2/5; 188/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126;; score=0.402 total
time= 2.2s

[CV 3/5; 188/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126;; score=0.409 total
time= 2.2s

[CV 2/5; 191/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148

[CV 3/5; 191/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148

[CV 4/5; 188/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126;; score=0.398 total
time= 2.3s

[CV 4/5; 191/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148

[CV 5/5; 188/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=126;; score=0.413 total
time= 2.2s

[CV 5/5; 191/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148

[CV 1/5; 191/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148;; score=0.414 total
time= 0.4s

[CV 1/5; 192/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 3/5; 191/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148;; score=0.365 total
time= 0.4s

[CV 2/5; 192/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 2/5; 191/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148;; score=0.417 total
time= 0.5s

[CV 3/5; 192/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 4/5; 191/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148;; score=0.385 total
time= 0.4s

[CV 4/5; 192/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 5/5; 191/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=148;; score=0.383 total
time= 0.4s

[CV 5/5; 192/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66

[CV 1/5; 192/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.442 total
time= 0.3s

[CV 1/5; 193/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8

[CV 3/5; 192/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.402 total
time= 0.3s

[CV 2/5; 192/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.398 total
time= 0.4s

[CV 2/5; 193/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8

[CV 3/5; 193/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8

[CV 1/5; 193/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8;; score=0.412 total
time= 0.2s

[CV 4/5; 193/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8

[CV 2/5; 193/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8;; score=0.395 total
time= 0.1s

[CV 3/5; 193/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8;; score=0.416 total
time= 0.1s

[CV 4/5; 192/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.410 total
time= 0.3s

[CV 5/5; 193/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8

[CV 1/5; 194/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58

[CV 5/5; 192/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=66;; score=0.423 total
time= 0.3s

[CV 2/5; 194/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58

[CV 3/5; 194/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58

[CV 4/5; 193/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8;; score=0.420 total
time= 0.1s

[CV 4/5; 194/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58

[CV 5/5; 193/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=8;; score=0.409 total
time= 0.2s

[CV 5/5; 194/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58

[CV 1/5; 194/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58;; score=0.403 total
time= 0.9s

[CV 1/5; 195/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66

[CV 2/5; 194/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58;; score=0.392 total
time= 1.0s

[CV 3/5; 194/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58;; score=0.343 total
time= 0.9s

[CV 2/5; 195/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66

[CV 3/5; 195/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66

[CV 4/5; 194/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58;; score=0.369 total
time= 0.9s

[CV 4/5; 195/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66

[CV 5/5; 194/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=58;; score=0.330 total
time= 1.0s

[CV 5/5; 195/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66

[CV 1/5; 195/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66;; score=0.420 total
time= 1.9s

[CV 2/5; 195/400] END bootstrap=False, max_depth=15, max_features=None,

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min_samples_leaf=3, min_samples_split=2, n_estimators=66;; score=0.392 total
time= 1.9s
[CV 1/5; 196/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 2/5; 196/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 4/5; 195/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66;; score=0.383 total
time= 1.9s
[CV 3/5; 196/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 5/5; 195/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66;; score=0.412 total
time= 1.9s
[CV 4/5; 196/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 3/5; 195/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=66;; score=0.392 total
time= 2.1s
[CV 5/5; 196/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 2/5; 190/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192;; score=0.402 total
time= 5.7s
[CV 1/5; 197/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86
[CV 1/5; 190/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192;; score=0.412 total
time= 5.9s
[CV 2/5; 197/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86
[CV 5/5; 190/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192;; score=0.386 total
time= 5.9s
[CV 3/5; 197/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86
[CV 4/5; 190/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192;; score=0.385 total
time= 6.1s
[CV 4/5; 197/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86
[CV 1/5; 196/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.410 total
time= 1.3s
[CV 5/5; 197/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86
[CV 2/5; 196/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.403 total

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time= 1.3s
[CV 1/5; 198/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90
[CV 3/5; 190/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=192;; score=0.380 total
time= 6.3s
[CV 2/5; 198/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90
[CV 3/5; 196/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.380 total
time= 1.3s
[CV 4/5; 196/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.387 total
time= 1.3s
[CV 1/5; 197/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86;; score=0.418 total
time= 0.7s
[CV 4/5; 198/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90
[CV 3/5; 198/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90
[CV 5/5; 198/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90
[CV 5/5; 196/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.385 total
time= 1.3s
[CV 1/5; 199/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138
[CV 2/5; 197/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86;; score=0.399 total
time= 0.7s
[CV 2/5; 199/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138
[CV 3/5; 197/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86;; score=0.358 total
time= 0.7s
[CV 3/5; 199/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138
[CV 4/5; 197/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86;; score=0.384 total
time= 0.7s
[CV 4/5; 199/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138
[CV 5/5; 197/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=86;; score=0.397 total
time= 0.7s
[CV 5/5; 199/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138

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[CV 1/5; 198/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90;; score=0.407 total
time= 1.0s

[CV 1/5; 200/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132

[CV 2/5; 198/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90;; score=0.379 total
time= 1.1s

[CV 2/5; 200/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132

[CV 5/5; 198/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90;; score=0.386 total
time= 1.1s

[CV 3/5; 200/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132

[CV 4/5; 198/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90;; score=0.381 total
time= 1.2s

[CV 4/5; 200/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132

[CV 3/5; 198/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=90;; score=0.348 total
time= 1.2s

[CV 5/5; 200/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132

[CV 1/5; 200/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132;; score=0.427 total
time= 1.2s

[CV 1/5; 201/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114

[CV 2/5; 200/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132;; score=0.402 total
time= 1.1s

[CV 2/5; 201/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114

[CV 5/5; 200/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132;; score=0.408 total
time= 1.1s

[CV 3/5; 201/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114

[CV 3/5; 200/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132;; score=0.369 total
time= 1.1s

[CV 4/5; 201/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114

[CV 4/5; 200/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=132;; score=0.391 total
time= 1.1s

[CV 5/5; 201/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 1/5; 201/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.427 total
time= 0.7s
[CV 1/5; 202/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136
[CV 2/5; 201/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.398 total
time= 0.8s
[CV 2/5; 202/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136
[CV 5/5; 201/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.423 total
time= 0.8s
[CV 3/5; 202/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136
[CV 3/5; 201/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.402 total
time= 0.8s
[CV 4/5; 202/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136
[CV 4/5; 201/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.402 total
time= 0.8s
[CV 5/5; 202/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136
[CV 1/5; 202/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136;; score=0.433 total
time= 0.5s
[CV 1/5; 203/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104
[CV 2/5; 202/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136;; score=0.401 total
time= 0.5s
[CV 1/5; 199/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138;; score=0.424 total
time= 3.3s
[CV 2/5; 203/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104
[CV 3/5; 203/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104
[CV 2/5; 199/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138;; score=0.380 total
time= 3.4s
[CV 4/5; 203/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104
[CV 4/5; 202/400] END bootstrap=True, max_depth=7, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=2, n_estimators=136;, score=0.392 total
time= 0.4s
[CV 5/5; 203/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104
[CV 5/5; 202/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136;, score=0.391 total
time= 0.5s
[CV 3/5; 202/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=136;, score=0.366 total
time= 0.5s
[CV 2/5; 204/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182
[CV 1/5; 204/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182
[CV 4/5; 199/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138;, score=0.368 total
time= 3.4s
[CV 3/5; 204/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182
[CV 3/5; 199/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138;, score=0.336 total
time= 3.6s
[CV 4/5; 204/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182
[CV 1/5; 203/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104;, score=0.410 total
time= 0.6s
[CV 5/5; 204/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182
[CV 5/5; 199/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=138;, score=0.389 total
time= 3.5s
[CV 1/5; 205/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2
[CV 1/5; 205/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2;, score=0.413 total
time= 0.1s
[CV 2/5; 205/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2
[CV 3/5; 203/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104;, score=0.370 total
time= 0.6s
[CV 3/5; 205/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2
[CV 2/5; 203/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104;, score=0.396 total
time= 0.7s
[CV 5/5; 203/400] END bootstrap=False, max_depth=8, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=3, n_estimators=104;; score=0.386 total
time= 0.6s
[CV 4/5; 205/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2
[CV 2/5; 205/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2;; score=0.396 total
time= 0.1s
[CV 5/5; 205/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2
[CV 1/5; 206/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136
[CV 3/5; 205/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2;; score=0.384 total
time= 0.1s
[CV 2/5; 206/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136
[CV 4/5; 203/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=104;; score=0.387 total
time= 0.7s
[CV 3/5; 206/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136
[CV 4/5; 205/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2;; score=0.395 total
time= 0.1s
[CV 4/5; 206/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136
[CV 5/5; 205/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=2;; score=0.397 total
time= 0.1s
[CV 5/5; 206/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136
[CV 2/5; 206/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136;; score=0.388 total
time= 1.6s
[CV 1/5; 207/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128
[CV 4/5; 206/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136;; score=0.370 total
time= 1.7s
[CV 5/5; 206/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136;; score=0.413 total
time= 1.7s
[CV 2/5; 207/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128
[CV 1/5; 206/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136;; score=0.399 total
time= 1.7s
[CV 3/5; 207/400] START bootstrap=True, max_depth=6, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=9, n_estimators=128
[CV 4/5; 207/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128
[CV 3/5; 206/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=136;; score=0.401 total
time= 1.9s
[CV 5/5; 207/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128
[CV 1/5; 207/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128;; score=0.407 total
time= 0.4s
[CV 4/5; 207/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128;; score=0.385 total
time= 0.3s
[CV 1/5; 208/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80
[CV 2/5; 208/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80
[CV 2/5; 207/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128;; score=0.398 total
time= 0.4s
[CV 3/5; 208/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80
[CV 3/5; 207/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128;; score=0.369 total
time= 0.4s
[CV 4/5; 208/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80
[CV 5/5; 207/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=128;; score=0.393 total
time= 0.4s
[CV 5/5; 208/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80
[CV 2/5; 204/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182;; score=0.399 total
time= 3.5s
[CV 1/5; 209/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2
[CV 1/5; 209/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2;; score=0.409 total
time= 0.0s
[CV 2/5; 209/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2
[CV 2/5; 209/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2;; score=0.362 total
time= 0.0s
[CV 3/5; 209/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2

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[CV 3/5; 209/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2;; score=0.407 total
time= 0.0s
[CV 4/5; 209/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2
[CV 4/5; 209/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2;; score=0.376 total
time= 0.0s
[CV 5/5; 209/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2
[CV 5/5; 209/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=2;; score=0.419 total
time= 0.0s
[CV 1/5; 210/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96
[CV 3/5; 204/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182;; score=0.417 total
time= 3.4s
[CV 2/5; 210/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96
[CV 1/5; 204/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182;; score=0.418 total
time= 3.7s
[CV 3/5; 210/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96
[CV 5/5; 204/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182;; score=0.438 total
time= 3.4s
[CV 4/5; 210/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96
[CV 4/5; 204/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=182;; score=0.394 total
time= 3.5s
[CV 5/5; 210/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96
[CV 1/5; 210/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96;; score=0.446 total
time= 0.5s
[CV 1/5; 211/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56
[CV 3/5; 208/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80;; score=0.347 total
time= 1.4s
[CV 2/5; 210/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96;; score=0.396 total
time= 0.6s
[CV 2/5; 211/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56

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[CV 1/5; 208/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80;; score=0.413 total
time= 1.5s

[CV 4/5; 208/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80;; score=0.350 total
time= 1.4s

[CV 3/5; 211/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56

[CV 4/5; 211/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56

[CV 2/5; 208/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80;; score=0.380 total
time= 1.5s

[CV 5/5; 211/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56

[CV 1/5; 212/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62

[CV 5/5; 208/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=80;; score=0.385 total
time= 1.4s

[CV 2/5; 212/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62

[CV 3/5; 210/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96;; score=0.395 total
time= 0.6s

[CV 3/5; 212/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62

[CV 4/5; 210/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96;; score=0.392 total
time= 0.6s

[CV 5/5; 210/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=96;; score=0.426 total
time= 0.5s

[CV 5/5; 212/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62

[CV 4/5; 212/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62

[CV 1/5; 212/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62;; score=0.416 total
time= 0.3s

[CV 3/5; 212/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62;; score=0.410 total
time= 0.3s

[CV 1/5; 213/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110

[CV 2/5; 212/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62;; score=0.396 total
time= 0.3s

[CV 2/5; 213/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110

[CV 3/5; 213/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110

[CV 4/5; 212/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62;; score=0.398 total
time= 0.3s

[CV 5/5; 212/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=62;; score=0.405 total
time= 0.3s

[CV 4/5; 213/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110

[CV 5/5; 213/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110

[CV 2/5; 213/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110;; score=0.421 total
time= 0.3s

[CV 1/5; 213/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110;; score=0.412 total
time= 0.3s

[CV 1/5; 214/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132

[CV 3/5; 213/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110;; score=0.362 total
time= 0.3s

[CV 2/5; 214/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132

[CV 3/5; 214/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132

[CV 4/5; 213/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110;; score=0.387 total
time= 0.3s

[CV 5/5; 213/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=110;; score=0.383 total
time= 0.3s

[CV 4/5; 214/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132

[CV 5/5; 214/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132

[CV 2/5; 211/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56;; score=0.394 total
time= 1.1s

[CV 1/5; 215/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10

[CV 1/5; 211/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56;; score=0.417 total
time= 1.2s

[CV 2/5; 215/400] START bootstrap=True, max_depth=10, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=4, n_estimators=10
[CV 1/5; 215/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10;; score=0.425 total
time= 0.1s
[CV 3/5; 215/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10
[CV 3/5; 211/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56;; score=0.405 total
time= 1.2s
[CV 5/5; 211/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56;; score=0.446 total
time= 1.1s
[CV 2/5; 215/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10;; score=0.366 total
time= 0.1s
[CV 4/5; 215/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10
[CV 5/5; 215/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10
[CV 4/5; 211/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=56;; score=0.387 total
time= 1.2s
[CV 3/5; 215/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10;; score=0.392 total
time= 0.0s
[CV 1/5; 216/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 2/5; 216/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 3/5; 216/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 4/5; 215/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10;; score=0.394 total
time= 0.0s
[CV 5/5; 215/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=4, n_estimators=10;; score=0.419 total
time= 0.0s
[CV 4/5; 216/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 5/5; 216/400] START bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108
[CV 1/5; 214/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132;; score=0.416 total
time= 2.3s
[CV 1/5; 217/400] START bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58
[CV 2/5; 214/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132;; score=0.373 total

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time= 2.4s
[CV 2/5; 217/400] START bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58
[CV 5/5; 214/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132;; score=0.380 total
time= 2.3s
[CV 3/5; 217/400] START bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58
[CV 3/5; 214/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132;; score=0.348 total
time= 2.5s
[CV 4/5; 217/400] START bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58
[CV 1/5; 216/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.399 total
time= 2.0s
[CV 4/5; 214/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=132;; score=0.353 total
time= 2.4s
[CV 5/5; 217/400] START bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58
[CV 1/5; 218/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6
[CV 2/5; 216/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.379 total
time= 2.1s
[CV 2/5; 218/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6
[CV 5/5; 216/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.380 total
time= 2.1s
[CV 3/5; 218/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6
[CV 1/5; 218/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6;; score=0.420 total
time= 0.1s
[CV 4/5; 218/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6
[CV 2/5; 218/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6;; score=0.394 total
time= 0.1s
[CV 5/5; 218/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6
[CV 4/5; 216/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.346 total
time= 2.2s
[CV 1/5; 219/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8

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[CV 4/5; 218/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6;; score=0.362 total
time= 0.1s
[CV 2/5; 219/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 3/5; 216/400] END bootstrap=False, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=108;; score=0.351 total
time= 2.2s
[CV 5/5; 218/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6;; score=0.396 total
time= 0.0s
[CV 3/5; 219/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 1/5; 219/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.422 total
time= 0.0s
[CV 3/5; 218/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=6;; score=0.357 total
time= 0.1s
[CV 4/5; 219/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 5/5; 219/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 1/5; 220/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84
[CV 2/5; 219/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.398 total
time= 0.1s[CV 4/5; 219/400] END bootstrap=True, max_depth=16,
max_features=sqrt, min_samples_leaf=1, min_samples_split=3, n_estimators=8;;
score=0.368 total time= 0.0s

[CV 3/5; 219/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.425 total
time= 0.1s
[CV 5/5; 219/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.433 total
time= 0.1s
[CV 2/5; 220/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84
[CV 3/5; 220/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84
[CV 4/5; 220/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84
[CV 5/5; 220/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84
[CV 1/5; 220/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.417 total
time= 0.3s

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[CV 1/5; 221/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168

[CV 5/5; 220/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.383 total
time= 0.4s

[CV 4/5; 220/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.392 total
time= 0.4s

[CV 2/5; 221/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168

[CV 3/5; 220/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.362 total
time= 0.4s

[CV 3/5; 221/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168

[CV 4/5; 221/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168

[CV 2/5; 220/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=9, n_estimators=84;; score=0.390 total
time= 0.4s

[CV 5/5; 221/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168

[CV 1/5; 217/400] END bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58;; score=0.428 total
time= 0.9s

[CV 1/5; 222/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 2/5; 217/400] END bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58;; score=0.370 total
time= 1.0s

[CV 2/5; 222/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 4/5; 217/400] END bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58;; score=0.401 total
time= 1.0s

[CV 3/5; 222/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 3/5; 217/400] END bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58;; score=0.417 total
time= 1.1s

[CV 4/5; 222/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 5/5; 217/400] END bootstrap=True, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=58;; score=0.433 total
time= 1.1s

[CV 5/5; 222/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130

[CV 1/5; 222/400] END bootstrap=False, max_depth=12, max_features=None,

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min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.420 total
time= 3.3s
[CV 1/5; 223/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198
[CV 2/5; 222/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.373 total
time= 3.1s
[CV 2/5; 223/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198
[CV 3/5; 222/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.337 total
time= 3.2s
[CV 3/5; 223/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198
[CV 4/5; 222/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.374 total
time= 3.2s
[CV 4/5; 223/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198
[CV 5/5; 222/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=130;; score=0.378 total
time= 3.2s
[CV 5/5; 223/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198
[CV 1/5; 223/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198;; score=0.422 total
time= 1.4s
[CV 1/5; 224/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126
[CV 2/5; 223/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198;; score=0.394 total
time= 1.4s
[CV 2/5; 224/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126
[CV 4/5; 223/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198;; score=0.373 total
time= 1.4s
[CV 3/5; 224/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126
[CV 3/5; 223/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198;; score=0.373 total
time= 1.4s
[CV 4/5; 224/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126
[CV 5/5; 223/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=198;; score=0.400 total
time= 1.4s
[CV 5/5; 224/400] START bootstrap=True, max_depth=9, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=8, n_estimators=126
[CV 2/5; 221/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168;; score=0.425 total
time= 5.1s
[CV 1/5; 225/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 1/5; 221/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168;; score=0.420 total
time= 5.4s
[CV 2/5; 225/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 1/5; 224/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126;; score=0.429 total
time= 0.6s
[CV 3/5; 225/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 5/5; 221/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168;; score=0.391 total
time= 5.3s
[CV 4/5; 225/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 2/5; 224/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126;; score=0.391 total
time= 0.6s
[CV 5/5; 225/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 3/5; 221/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168;; score=0.390 total
time= 5.4s
[CV 1/5; 226/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38
[CV 4/5; 221/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=168;; score=0.402 total
time= 5.5s
[CV 2/5; 226/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38
[CV 3/5; 224/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126;; score=0.395 total
time= 0.6s
[CV 4/5; 224/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126;; score=0.390 total
time= 0.6s
[CV 3/5; 226/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38
[CV 4/5; 226/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38
[CV 5/5; 224/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=126;; score=0.419 total

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time= 0.6s
[CV 5/5; 226/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38
[CV 1/5; 226/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38;; score=0.416 total
time= 0.3s
[CV 1/5; 227/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 4/5; 226/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38;; score=0.399 total
time= 0.2s
[CV 2/5; 227/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 3/5; 226/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38;; score=0.433 total
time= 0.2s
[CV 3/5; 227/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 2/5; 226/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38;; score=0.398 total
time= 0.3s
[CV 4/5; 227/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 5/5; 226/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=38;; score=0.448 total
time= 0.3s
[CV 5/5; 227/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146
[CV 1/5; 227/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.433 total
time= 0.7s
[CV 4/5; 227/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.387 total
time= 0.6s
[CV 1/5; 228/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94
[CV 2/5; 228/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94
[CV 3/5; 227/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.394 total
time= 0.7s
[CV 2/5; 227/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.421 total
time= 0.7s
[CV 3/5; 228/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94
[CV 4/5; 228/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94

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[CV 5/5; 227/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=146;; score=0.398 total
time= 0.7s

[CV 5/5; 228/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94

[CV 2/5; 228/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94;; score=0.381 total
time= 1.4s

[CV 1/5; 228/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94;; score=0.447 total
time= 1.4s

[CV 1/5; 229/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82

[CV 2/5; 229/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82

[CV 4/5; 228/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94;; score=0.416 total
time= 1.4s

[CV 3/5; 229/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82

[CV 3/5; 228/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94;; score=0.398 total
time= 1.5s

[CV 4/5; 229/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82

[CV 5/5; 228/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=94;; score=0.424 total
time= 1.4s

[CV 5/5; 229/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82

[CV 2/5; 229/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82;; score=0.399 total
time= 0.3s

[CV 1/5; 230/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42

[CV 1/5; 229/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82;; score=0.422 total
time= 0.4s

[CV 2/5; 230/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42

[CV 3/5; 229/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82;; score=0.402 total
time= 0.4s

[CV 3/5; 230/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42

[CV 5/5; 229/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82;; score=0.416 total
time= 0.4s

[CV 4/5; 230/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42

[CV 4/5; 229/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=82;; score=0.410 total
time= 0.4s

[CV 5/5; 230/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42

[CV 2/5; 230/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42;; score=0.388 total
time= 0.3s

[CV 1/5; 231/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110

[CV 1/5; 230/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42;; score=0.439 total
time= 0.3s

[CV 2/5; 231/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110

[CV 3/5; 230/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42;; score=0.387 total
time= 0.3s

[CV 3/5; 231/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110

[CV 4/5; 230/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42;; score=0.391 total
time= 0.3s

[CV 4/5; 231/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110

[CV 5/5; 230/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=42;; score=0.427 total
time= 0.3s

[CV 5/5; 231/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110

[CV 1/5; 225/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.414 total
time= 4.1s

[CV 1/5; 232/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70

[CV 2/5; 225/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.388 total
time= 4.0s

[CV 2/5; 232/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70

[CV 5/5; 225/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.435 total
time= 4.0s

[CV 3/5; 232/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70

[CV 4/5; 225/400] END bootstrap=True, max_depth=19, max_features=None,


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min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.396 total
time= 4.1s
[CV 4/5; 232/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70
[CV 3/5; 225/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.403 total
time= 4.2s
[CV 5/5; 232/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70
[CV 1/5; 232/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70;; score=0.398 total
time= 0.9s
[CV 1/5; 233/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 2/5; 232/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70;; score=0.387 total
time= 0.9s
[CV 2/5; 233/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 4/5; 232/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70;; score=0.377 total
time= 0.9s
[CV 3/5; 233/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 3/5; 232/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70;; score=0.373 total
time= 0.9s
[CV 4/5; 233/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 5/5; 232/400] END bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=70;; score=0.396 total
time= 0.9s
[CV 5/5; 233/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54
[CV 2/5; 231/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110;; score=0.379 total
time= 2.7s
[CV 1/5; 234/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 1/5; 231/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110;; score=0.427 total
time= 2.7s
[CV 5/5; 231/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110;; score=0.390 total
time= 2.6s
[CV 2/5; 234/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 3/5; 234/400] START bootstrap=True, max_depth=None, max_features=None,

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min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 3/5; 231/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110;; score=0.333 total
time= 2.8s
[CV 4/5; 234/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 1/5; 233/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.405 total
time= 1.1s
[CV 5/5; 234/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 4/5; 231/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=110;; score=0.369 total
time= 2.8s
[CV 2/5; 233/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.379 total
time= 1.1s
[CV 1/5; 235/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102
[CV 2/5; 235/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102
[CV 3/5; 233/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.424 total
time= 1.2s
[CV 3/5; 235/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102
[CV 4/5; 233/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.388 total
time= 1.1s
[CV 4/5; 235/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102
[CV 5/5; 233/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=9, n_estimators=54;; score=0.440 total
time= 1.3s
[CV 5/5; 235/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102
[CV 1/5; 235/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102;; score=0.436 total
time= 1.9s
[CV 1/5; 236/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80
[CV 2/5; 235/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102;; score=0.402 total
time= 1.9s
[CV 2/5; 236/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80
[CV 4/5; 235/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102;; score=0.402 total

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time= 1.8s
[CV 3/5; 236/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80
[CV 3/5; 235/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102;; score=0.413 total
time= 1.9s
[CV 4/5; 236/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80
[CV 5/5; 235/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=102;; score=0.420 total
time= 1.9s
[CV 5/5; 236/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80
[CV 2/5; 234/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.388 total
time= 2.4s
[CV 1/5; 237/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80
[CV 2/5; 236/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80;; score=0.401 total
time= 0.4s
[CV 1/5; 234/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.406 total
time= 2.5s
[CV 2/5; 237/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80
[CV 3/5; 237/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80
[CV 1/5; 236/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80;; score=0.439 total
time= 0.5s
[CV 4/5; 237/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80
[CV 3/5; 236/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80;; score=0.399 total
time= 0.4s
[CV 5/5; 237/400] START bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80
[CV 5/5; 234/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.437 total
time= 2.5s
[CV 1/5; 238/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98
[CV 3/5; 234/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.409 total
time= 2.6s
[CV 4/5; 236/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80;; score=0.398 total

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time= 0.5s
[CV 2/5; 238/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98
[CV 4/5; 234/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.377 total
time= 2.5s
[CV 3/5; 238/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98
[CV 4/5; 238/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98
[CV 5/5; 236/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=80;; score=0.416 total
time= 0.5s
[CV 5/5; 238/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98
[CV 1/5; 237/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80;; score=0.422 total
time= 0.6s
[CV 1/5; 239/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18
[CV 3/5; 237/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80;; score=0.405 total
time= 0.5s
[CV 2/5; 239/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18
[CV 2/5; 237/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80;; score=0.377 total
time= 0.6s
[CV 3/5; 239/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18
[CV 4/5; 237/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80;; score=0.391 total
time= 0.6s
[CV 4/5; 239/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18
[CV 5/5; 237/400] END bootstrap=True, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=80;; score=0.429 total
time= 0.6s
[CV 5/5; 239/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18
[CV 1/5; 239/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18;; score=0.409 total
time= 0.5s
[CV 1/5; 240/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120
[CV 2/5; 239/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18;; score=0.399 total
time= 0.6s

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[CV 2/5; 240/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

[CV 3/5; 239/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18;; score=0.390 total
time= 0.6s

[CV 3/5; 240/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

[CV 4/5; 239/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18;; score=0.390 total
time= 0.6s

[CV 4/5; 240/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

[CV 5/5; 239/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=18;; score=0.398 total
time= 0.6s

[CV 5/5; 240/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

[CV 1/5; 240/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.418 total
time= 1.2s

[CV 1/5; 241/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92

[CV 3/5; 240/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.361 total
time= 1.2s

[CV 2/5; 240/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.394 total
time= 1.3s

[CV 2/5; 241/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92

[CV 3/5; 241/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92

[CV 4/5; 240/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.372 total
time= 1.2s

[CV 4/5; 241/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92

[CV 5/5; 240/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.408 total
time= 1.3s

[CV 5/5; 241/400] START bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92

[CV 1/5; 241/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92;; score=0.435 total
time= 0.4s

[CV 1/5; 242/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150

[CV 3/5; 241/400] END bootstrap=True, max_depth=9, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=7, n_estimators=92;; score=0.398 total
time= 0.4s
[CV 2/5; 241/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92;; score=0.387 total
time= 0.4s
[CV 2/5; 242/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150
[CV 3/5; 242/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150
[CV 4/5; 241/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92;; score=0.398 total
time= 0.4s
[CV 4/5; 242/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150
[CV 5/5; 241/400] END bootstrap=True, max_depth=9, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=92;; score=0.409 total
time= 0.4s
[CV 5/5; 242/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150
[CV 1/5; 238/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98;; score=0.416 total
time= 2.9s
[CV 1/5; 243/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36
[CV 3/5; 238/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98;; score=0.396 total
time= 3.1s[CV 1/5; 243/400] END bootstrap=True, max_depth=11,
max_features=sqrt, min_samples_leaf=1, min_samples_split=6, n_estimators=36;;
score=0.403 total time= 0.1s

[CV 2/5; 243/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36
[CV 4/5; 238/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98;; score=0.374 total
time= 3.0s
[CV 2/5; 238/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=98;; score=0.390 total
time= 3.1s
[CV 3/5; 243/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36
[CV 4/5; 243/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36
[CV 5/5; 243/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36
[CV 2/5; 243/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36;; score=0.385 total
time= 0.2s
[CV 5/5; 238/400] END bootstrap=False, max_depth=15, max_features=None,

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min_samples_leaf=2, min_samples_split=5, n_estimators=98;; score=0.409 total
time= 3.0s
[CV 1/5; 244/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196
[CV 2/5; 244/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196
[CV 5/5; 243/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36;; score=0.435 total
time= 0.2s
[CV 4/5; 243/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36;; score=0.383 total
time= 0.2s
[CV 3/5; 244/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196
[CV 4/5; 244/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196
[CV 3/5; 243/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=36;; score=0.392 total
time= 0.2s
[CV 5/5; 244/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196
[CV 1/5; 244/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196;; score=0.431 total
time= 1.2s
[CV 1/5; 245/400] START bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188
[CV 4/5; 244/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196;; score=0.405 total
time= 1.3s
[CV 2/5; 244/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196;; score=0.398 total
time= 1.3s
[CV 2/5; 245/400] START bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188
[CV 3/5; 245/400] START bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188
[CV 5/5; 244/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196;; score=0.431 total
time= 1.3s
[CV 4/5; 245/400] START bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188
[CV 3/5; 244/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=196;; score=0.417 total
time= 1.3s
[CV 5/5; 245/400] START bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188
[CV 1/5; 242/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150;; score=0.422 total

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time= 2.8s
[CV 1/5; 246/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126
[CV 2/5; 242/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150;; score=0.392 total
time= 2.9s
[CV 2/5; 246/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126
[CV 4/5; 242/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150;; score=0.388 total
time= 2.9s
[CV 3/5; 246/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126
[CV 3/5; 242/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150;; score=0.417 total
time= 3.0s
[CV 4/5; 246/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126
[CV 2/5; 245/400] END bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188;; score=0.403 total
time= 1.2s
[CV 5/5; 246/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126
[CV 5/5; 242/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=150;; score=0.430 total
time= 2.9s
[CV 1/5; 247/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 1/5; 245/400] END bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188;; score=0.429 total
time= 1.3s
[CV 2/5; 247/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 3/5; 245/400] END bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188;; score=0.405 total
time= 1.2s
[CV 3/5; 247/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 4/5; 245/400] END bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188;; score=0.384 total
time= 1.2s
[CV 4/5; 247/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48
[CV 5/5; 245/400] END bootstrap=True, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=188;; score=0.434 total
time= 1.4s
[CV 5/5; 247/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48

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[CV 1/5; 246/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126;; score=0.431 total
time= 0.8s

[CV 1/5; 248/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78

[CV 2/5; 246/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126;; score=0.406 total
time= 0.8s

[CV 2/5; 248/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78

[CV 3/5; 246/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126;; score=0.392 total
time= 0.8s

[CV 3/5; 248/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78

[CV 4/5; 246/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126;; score=0.398 total
time= 0.8s

[CV 4/5; 248/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78

[CV 5/5; 246/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=126;; score=0.415 total
time= 0.8s

[CV 5/5; 248/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78

[CV 2/5; 247/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.399 total
time= 0.8s

[CV 1/5; 249/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16

[CV 3/5; 247/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.406 total
time= 0.8s

[CV 2/5; 249/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16

[CV 1/5; 247/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.428 total
time= 0.9s

[CV 3/5; 249/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16

[CV 4/5; 247/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.403 total
time= 0.9s

[CV 4/5; 249/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16

[CV 1/5; 249/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16;; score=0.425 total
time= 0.2s

[CV 5/5; 249/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16
[CV 3/5; 249/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16;; score=0.401 total
time= 0.1s
[CV 2/5; 249/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16;; score=0.385 total
time= 0.2s
[CV 1/5; 250/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44
[CV 2/5; 250/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44
[CV 5/5; 247/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=48;; score=0.422 total
time= 0.8s
[CV 1/5; 248/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78;; score=0.422 total
time= 0.5s
[CV 3/5; 250/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44
[CV 4/5; 250/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44
[CV 4/5; 249/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16;; score=0.390 total
time= 0.2s
[CV 5/5; 250/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44
[CV 2/5; 248/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78;; score=0.398 total
time= 0.5s
[CV 1/5; 251/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24
[CV 5/5; 249/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=8, n_estimators=16;; score=0.412 total
time= 0.2s
[CV 2/5; 251/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24
[CV 3/5; 248/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78;; score=0.366 total
time= 0.6s
[CV 3/5; 251/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24
[CV 4/5; 248/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78;; score=0.373 total
time= 0.6s
[CV 4/5; 251/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24
[CV 5/5; 250/400] END bootstrap=False, max_depth=10, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=5, n_estimators=44;; score=0.416 total
time= 0.3s
[CV 1/5; 250/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44;; score=0.413 total
time= 0.3s
[CV 5/5; 251/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24
[CV 1/5; 252/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172
[CV 5/5; 248/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=78;; score=0.416 total
time= 0.6s
[CV 2/5; 252/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172
[CV 2/5; 250/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44;; score=0.390 total
time= 0.4s
[CV 3/5; 252/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172
[CV 3/5; 250/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44;; score=0.368 total
time= 0.4s
[CV 4/5; 252/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172
[CV 4/5; 250/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=44;; score=0.364 total
time= 0.4s
[CV 5/5; 252/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172
[CV 1/5; 251/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24;; score=0.436 total
time= 0.3s
[CV 1/5; 253/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126
[CV 2/5; 251/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24;; score=0.370 total
time= 0.4s
[CV 2/5; 253/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126
[CV 4/5; 251/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24;; score=0.380 total
time= 0.4s
[CV 3/5; 253/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126
[CV 3/5; 251/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24;; score=0.384 total
time= 0.4s
[CV 4/5; 253/400] START bootstrap=False, max_depth=6, max_features=None,

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min_samples_leaf=3, min_samples_split=3, n_estimators=126
[CV 5/5; 251/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=24;; score=0.400 total
time= 0.4s
[CV 5/5; 253/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126
[CV 2/5; 253/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126;; score=0.391 total
time= 1.7s
[CV 1/5; 254/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 1/5; 253/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126;; score=0.406 total
time= 1.8s
[CV 2/5; 254/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 3/5; 253/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126;; score=0.357 total
time= 1.7s
[CV 3/5; 254/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 4/5; 253/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126;; score=0.372 total
time= 1.8s
[CV 4/5; 254/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 5/5; 253/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=126;; score=0.393 total
time= 1.8s
[CV 5/5; 254/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46
[CV 1/5; 254/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.414 total
time= 0.8s
[CV 1/5; 255/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138
[CV 2/5; 254/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.372 total
time= 0.8s
[CV 2/5; 255/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138
[CV 3/5; 254/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.348 total
time= 0.9s
[CV 3/5; 255/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138
[CV 5/5; 254/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.375 total

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time= 0.8s
[CV 4/5; 255/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138
[CV 4/5; 254/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=46;; score=0.348 total
time= 0.9s
[CV 5/5; 255/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138
[CV 2/5; 252/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172;; score=0.390 total
time= 3.1s
[CV 1/5; 256/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98
[CV 5/5; 252/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172;; score=0.429 total
time= 3.2s
[CV 2/5; 256/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98
[CV 3/5; 252/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172;; score=0.413 total
time= 3.2s
[CV 3/5; 256/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98
[CV 1/5; 252/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172;; score=0.432 total
time= 3.3s
[CV 4/5; 256/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98
[CV 4/5; 252/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=172;; score=0.391 total
time= 3.2s
[CV 5/5; 256/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98
[CV 1/5; 256/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98;; score=0.436 total
time= 0.7s
[CV 2/5; 256/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98;; score=0.398 total
time= 0.6s
[CV 1/5; 257/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60
[CV 2/5; 257/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60
[CV 3/5; 256/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98;; score=0.413 total
time= 0.6s
[CV 3/5; 257/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60

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[CV 4/5; 256/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98;; score=0.407 total
time= 0.6s

[CV 4/5; 257/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60

[CV 5/5; 256/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=98;; score=0.422 total
time= 0.6s

[CV 5/5; 257/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60

[CV 2/5; 257/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60;; score=0.376 total
time= 1.3s

[CV 1/5; 258/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174

[CV 4/5; 257/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60;; score=0.359 total
time= 1.3s

[CV 2/5; 258/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174

[CV 1/5; 257/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60;; score=0.387 total
time= 1.3s

[CV 3/5; 258/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174

[CV 3/5; 257/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60;; score=0.351 total
time= 1.3s

[CV 4/5; 258/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174

[CV 5/5; 257/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=60;; score=0.367 total
time= 1.3s

[CV 5/5; 258/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174

[CV 1/5; 255/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138;; score=0.414 total
time= 2.5s

[CV 1/5; 259/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88

[CV 2/5; 255/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138;; score=0.372 total
time= 2.5s

[CV 2/5; 259/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88

[CV 3/5; 255/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138;; score=0.348 total
time= 2.5s

[CV 3/5; 259/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88

[CV 4/5; 255/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138;; score=0.350 total
time= 2.6s

[CV 4/5; 259/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88

[CV 5/5; 255/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=138;; score=0.375 total
time= 2.5s

[CV 5/5; 259/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88

[CV 1/5; 258/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174;; score=0.440 total
time= 0.9s

[CV 3/5; 258/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174;; score=0.396 total
time= 0.9s

[CV 1/5; 260/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76

[CV 2/5; 260/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76

[CV 4/5; 258/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174;; score=0.392 total
time= 0.9s

[CV 3/5; 260/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76

[CV 2/5; 258/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174;; score=0.403 total
time= 1.0s

[CV 4/5; 260/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76

[CV 5/5; 258/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=174;; score=0.429 total
time= 0.9s

[CV 5/5; 260/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76

[CV 3/5; 260/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76;; score=0.401 total
time= 0.4s

[CV 2/5; 260/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76;; score=0.395 total
time= 0.4s

[CV 1/5; 261/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120

[CV 2/5; 261/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120

[CV 1/5; 260/400] END bootstrap=True, max_depth=16, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=6, n_estimators=76;; score=0.439 total
time= 0.5s
[CV 3/5; 261/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120
[CV 4/5; 260/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76;; score=0.407 total
time= 0.5s
[CV 4/5; 261/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120
[CV 5/5; 260/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=76;; score=0.430 total
time= 0.5s
[CV 5/5; 261/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120
[CV 1/5; 259/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88;; score=0.413 total
time= 2.7s
[CV 1/5; 262/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178
[CV 2/5; 259/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88;; score=0.399 total
time= 2.7s
[CV 2/5; 262/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178
[CV 5/5; 259/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88;; score=0.385 total
time= 2.7s
[CV 3/5; 259/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88;; score=0.381 total
time= 2.8s
[CV 4/5; 259/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=88;; score=0.387 total
time= 2.8s
[CV 3/5; 262/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178
[CV 4/5; 262/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178
[CV 5/5; 262/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178
[CV 2/5; 262/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178;; score=0.391 total
time= 1.0s
[CV 1/5; 263/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114
[CV 1/5; 262/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178;; score=0.407 total
time= 1.2s
[CV 2/5; 263/400] START bootstrap=False, max_depth=7, max_features=None,

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min_samples_leaf=1, min_samples_split=2, n_estimators=114
[CV 5/5; 262/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178;; score=0.394 total
time= 1.0s
[CV 3/5; 263/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114
[CV 3/5; 262/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178;; score=0.377 total
time= 1.1s
[CV 4/5; 263/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114
[CV 4/5; 262/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=178;; score=0.379 total
time= 1.1s
[CV 5/5; 263/400] START bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114
[CV 2/5; 261/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120;; score=0.409 total
time= 4.1s
[CV 1/5; 264/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146
[CV 1/5; 261/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120;; score=0.401 total
time= 4.2s
[CV 2/5; 264/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146
[CV 4/5; 261/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120;; score=0.392 total
time= 4.2s
[CV 3/5; 264/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146
[CV 5/5; 261/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120;; score=0.405 total
time= 4.2s
[CV 4/5; 264/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146
[CV 3/5; 261/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=120;; score=0.383 total
time= 4.3s
[CV 5/5; 264/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146
[CV 2/5; 263/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114;; score=0.392 total
time= 1.8s
[CV 1/5; 263/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114;; score=0.403 total
time= 1.9s
[CV 2/5; 265/400] START bootstrap=True, max_depth=5, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=3, n_estimators=8
[CV 1/5; 265/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8
[CV 1/5; 265/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8;; score=0.444 total
time= 0.0s
[CV 3/5; 265/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8
[CV 2/5; 265/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8;; score=0.377 total
time= 0.0s
[CV 4/5; 265/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8
[CV 3/5; 265/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8;; score=0.369 total
time= 0.0s
[CV 5/5; 265/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8
[CV 4/5; 265/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8;; score=0.376 total
time= 0.0s
[CV 1/5; 266/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108
[CV 5/5; 265/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=8;; score=0.413 total
time= 0.0s
[CV 2/5; 266/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108
[CV 3/5; 263/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114;; score=0.343 total
time= 1.9s
[CV 3/5; 266/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108
[CV 4/5; 263/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114;; score=0.369 total
time= 1.9s
[CV 4/5; 266/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108
[CV 5/5; 263/400] END bootstrap=False, max_depth=7, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=114;; score=0.330 total
time= 1.9s
[CV 5/5; 266/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108
[CV 1/5; 266/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108;; score=0.450 total
time= 0.7s
[CV 1/5; 267/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150

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[CV 2/5; 266/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108;; score=0.385 total
time= 0.7s

[CV 2/5; 267/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150

[CV 4/5; 266/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108;; score=0.414 total
time= 0.6s

[CV 5/5; 266/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108;; score=0.418 total
time= 0.6s

[CV 3/5; 266/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=108;; score=0.392 total
time= 0.7s

[CV 4/5; 267/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150

[CV 5/5; 267/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150

[CV 3/5; 267/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150

[CV 1/5; 267/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150;; score=0.425 total
time= 0.8s

[CV 1/5; 268/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 2/5; 267/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150;; score=0.388 total
time= 0.8s

[CV 2/5; 268/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 4/5; 267/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150;; score=0.377 total
time= 0.9s

[CV 3/5; 268/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 3/5; 267/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150;; score=0.369 total
time= 0.9s

[CV 4/5; 268/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 5/5; 267/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=150;; score=0.390 total
time= 0.9s

[CV 5/5; 268/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182

[CV 1/5; 264/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=8, n_estimators=146;; score=0.435 total
time= 2.3s

[CV 3/5; 264/400] END bootstrap=True, max_depth=12, max_features=None, min_samples_leaf=3, min_samples_split=8, n_estimators=146;; score=0.392 total time= 2.2s

[CV 1/5; 269/400] START bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 2/5; 269/400] START bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 4/5; 264/400] END bootstrap=True, max_depth=12, max_features=None, min_samples_leaf=3, min_samples_split=8, n_estimators=146;; score=0.412 total time= 2.2s

[CV 3/5; 269/400] START bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 2/5; 264/400] END bootstrap=True, max_depth=12, max_features=None, min_samples_leaf=3, min_samples_split=8, n_estimators=146;; score=0.395 total time= 2.3s

[CV 4/5; 269/400] START bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 5/5; 264/400] END bootstrap=True, max_depth=12, max_features=None, min_samples_leaf=3, min_samples_split=8, n_estimators=146;; score=0.434 total time= 2.3s

[CV 5/5; 269/400] START bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86

[CV 1/5; 269/400] END bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.427 total time= 2.3s

[CV 1/5; 270/400] START bootstrap=True, max_depth=9, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=74

[CV 4/5; 269/400] END bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.388 total time= 2.3s

[CV 2/5; 270/400] START bootstrap=True, max_depth=9, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=74

[CV 2/5; 269/400] END bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.398 total time= 2.4s

[CV 3/5; 270/400] START bootstrap=True, max_depth=9, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=74

[CV 3/5; 269/400] END bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.399 total time= 2.4s

[CV 4/5; 270/400] START bootstrap=True, max_depth=9, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=74

[CV 5/5; 269/400] END bootstrap=False, max_depth=14, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=86;; score=0.365 total time= 2.4s

[CV 5/5; 270/400] START bootstrap=True, max_depth=9, max_features=None, min_samples_leaf=3, min_samples_split=6, n_estimators=74

[CV 1/5; 270/400] END bootstrap=True, max_depth=9, max_features=None,

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min_samples_leaf=3, min_samples_split=6, n_estimators=74;; score=0.435 total
time= 0.9s
[CV 1/5; 271/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160
[CV 2/5; 270/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=74;; score=0.385 total
time= 0.9s
[CV 2/5; 271/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160
[CV 3/5; 270/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=74;; score=0.392 total
time= 0.9s
[CV 3/5; 271/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160
[CV 4/5; 270/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=74;; score=0.395 total
time= 1.0s
[CV 4/5; 271/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160
[CV 5/5; 270/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=3, min_samples_split=6, n_estimators=74;; score=0.424 total
time= 0.9s
[CV 5/5; 271/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160
[CV 2/5; 271/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160;; score=0.392 total
time= 1.4s
[CV 1/5; 272/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64
[CV 1/5; 271/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160;; score=0.420 total
time= 1.5s
[CV 2/5; 272/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64
[CV 4/5; 271/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160;; score=0.388 total
time= 1.4s
[CV 3/5; 272/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64
[CV 3/5; 271/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160;; score=0.383 total
time= 1.5s
[CV 4/5; 272/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64
[CV 5/5; 271/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=160;; score=0.397 total
time= 1.4s
[CV 5/5; 272/400] START bootstrap=False, max_depth=16, max_features=None,

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min_samples_leaf=2, min_samples_split=8, n_estimators=64
[CV 1/5; 268/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.412 total
time= 5.9s
[CV 1/5; 273/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8
[CV 5/5; 268/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.413 total
time= 5.8s
[CV 2/5; 268/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.416 total
time= 6.0s
[CV 2/5; 273/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8
[CV 3/5; 273/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8
[CV 1/5; 273/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8;; score=0.387 total
time= 0.1s
[CV 4/5; 273/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8
[CV 2/5; 273/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8;; score=0.369 total
time= 0.1s
[CV 5/5; 273/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8
[CV 3/5; 273/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8;; score=0.401 total
time= 0.2s
[CV 1/5; 274/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58
[CV 4/5; 268/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.395 total
time= 6.0s
[CV 4/5; 273/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8;; score=0.418 total
time= 0.1s
[CV 2/5; 274/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58
[CV 3/5; 274/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58
[CV 3/5; 268/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=182;; score=0.396 total
time= 6.1s
[CV 5/5; 273/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=8;; score=0.416 total
time= 0.2s
[CV 4/5; 274/400] START bootstrap=True, max_depth=20, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=6, n_estimators=58
[CV 5/5; 274/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58
[CV 1/5; 274/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58;; score=0.436 total
time= 0.4s
[CV 1/5; 275/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144
[CV 2/5; 274/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58;; score=0.396 total
time= 0.4s
[CV 2/5; 275/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144
[CV 3/5; 274/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58;; score=0.413 total
time= 0.4s
[CV 3/5; 275/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144
[CV 4/5; 274/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58;; score=0.396 total
time= 0.4s
[CV 4/5; 275/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144
[CV 5/5; 274/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=58;; score=0.427 total
time= 0.4s
[CV 5/5; 275/400] START bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144
[CV 2/5; 272/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.401 total
time= 2.0s
[CV 1/5; 276/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 1/5; 272/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.414 total
time= 2.0s
[CV 2/5; 276/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 4/5; 272/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.394 total
time= 2.0s
[CV 3/5; 276/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50
[CV 3/5; 272/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.390 total
time= 2.1s
[CV 4/5; 276/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50

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[CV 5/5; 272/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.390 total
time= 2.0s

[CV 5/5; 276/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50

[CV 1/5; 276/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=0.421 total
time= 1.0s

[CV 1/5; 277/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104

[CV 2/5; 276/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=0.405 total
time= 1.0s

[CV 2/5; 277/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104

[CV 3/5; 276/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=0.421 total
time= 1.0s

[CV 3/5; 277/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104

[CV 4/5; 276/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=0.395 total
time= 1.0s

[CV 4/5; 277/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104

[CV 5/5; 276/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=2, n_estimators=50;; score=0.445 total
time= 1.0s

[CV 5/5; 277/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104

[CV 4/5; 275/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144;; score=0.374 total
time= 1.9s

[CV 1/5; 278/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36

[CV 1/5; 275/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144;; score=0.406 total
time= 2.1s

[CV 2/5; 278/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36

[CV 2/5; 275/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144;; score=0.392 total
time= 2.1s

[CV 3/5; 278/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36

[CV 3/5; 275/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144;; score=0.357 total
time= 2.1s

[CV 4/5; 278/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36

[CV 5/5; 275/400] END bootstrap=False, max_depth=6, max_features=None,
min_samples_leaf=2, min_samples_split=6, n_estimators=144;; score=0.394 total
time= 2.1s

[CV 5/5; 278/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36

[CV 1/5; 278/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36;; score=0.413 total
time= 0.2s

[CV 1/5; 279/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130

[CV 2/5; 278/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36;; score=0.377 total
time= 0.2s

[CV 2/5; 279/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130

[CV 4/5; 278/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36;; score=0.403 total
time= 0.2s

[CV 3/5; 279/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130

[CV 3/5; 278/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36;; score=0.390 total
time= 0.3s

[CV 4/5; 279/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130

[CV 5/5; 278/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=36;; score=0.429 total
time= 0.2s

[CV 5/5; 279/400] START bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130

[CV 1/5; 279/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130;; score=0.417 total
time= 0.4s

[CV 2/5; 279/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130;; score=0.416 total
time= 0.4s

[CV 1/5; 280/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152

[CV 2/5; 280/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152

[CV 3/5; 279/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130;; score=0.364 total
time= 0.4s

[CV 4/5; 279/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130;; score=0.387 total
time= 0.4s

[CV 3/5; 280/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152

[CV 4/5; 280/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152

[CV 5/5; 279/400] END bootstrap=True, max_depth=5, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=130;; score=0.379 total
time= 0.4s

[CV 5/5; 280/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152

[CV 1/5; 277/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104;; score=0.443 total
time= 2.0s

[CV 1/5; 281/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174

[CV 2/5; 277/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104;; score=0.384 total
time= 2.1s

[CV 2/5; 281/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174

[CV 3/5; 277/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104;; score=0.407 total
time= 2.0s

[CV 3/5; 281/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174

[CV 4/5; 277/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104;; score=0.387 total
time= 2.1s

[CV 4/5; 281/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174

[CV 5/5; 277/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=104;; score=0.426 total
time= 2.1s

[CV 5/5; 281/400] START bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174

[CV 1/5; 280/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152;; score=0.417 total
time= 1.5s

[CV 1/5; 282/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102

[CV 2/5; 280/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152;; score=0.383 total
time= 1.6s

[CV 2/5; 282/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102

[CV 4/5; 280/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152;; score=0.398 total
time= 1.5s

[CV 3/5; 282/400] START bootstrap=True, max_depth=11, max_features=None,

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min_samples_leaf=3, min_samples_split=7, n_estimators=102
[CV 3/5; 280/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152;; score=0.387 total
time= 1.6s
[CV 1/5; 281/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174;; score=0.416 total
time= 0.8s
[CV 4/5; 282/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102
[CV 5/5; 282/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102
[CV 2/5; 281/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174;; score=0.387 total
time= 0.8s
[CV 1/5; 283/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138
[CV 5/5; 280/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=152;; score=0.398 total
time= 1.5s
[CV 2/5; 283/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138
[CV 3/5; 281/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174;; score=0.368 total
time= 0.8s
[CV 3/5; 283/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138
[CV 4/5; 281/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174;; score=0.385 total
time= 0.8s
[CV 4/5; 283/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138
[CV 5/5; 281/400] END bootstrap=False, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=174;; score=0.386 total
time= 0.8s
[CV 5/5; 283/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138
[CV 1/5; 283/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138;; score=0.425 total
time= 0.8s
[CV 1/5; 284/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 2/5; 283/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138;; score=0.403 total
time= 0.8s
[CV 2/5; 284/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 3/5; 283/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138;; score=0.421 total

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time= 0.8s
[CV 3/5; 284/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 5/5; 283/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138;; score=0.423 total
time= 0.8s
[CV 4/5; 284/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 4/5; 283/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=138;; score=0.396 total
time= 0.9s
[CV 5/5; 284/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 1/5; 284/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.449 total
time= 0.4s
[CV 1/5; 285/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32
[CV 1/5; 282/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102;; score=0.444 total
time= 1.5s
[CV 2/5; 285/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32
[CV 2/5; 284/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.399 total
time= 0.5s
[CV 3/5; 285/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32
[CV 2/5; 285/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32;; score=0.407 total
time= 0.1s
[CV 2/5; 282/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102;; score=0.395 total
time= 1.5s
[CV 3/5; 284/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.403 total
time= 0.4s
[CV 1/5; 285/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32;; score=0.413 total
time= 0.1s
[CV 4/5; 285/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32
[CV 5/5; 285/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32
[CV 1/5; 286/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56
[CV 2/5; 286/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56

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[CV 5/5; 282/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102;; score=0.416 total
time= 1.4s

[CV 4/5; 282/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102;; score=0.418 total
time= 1.5s

[CV 3/5; 286/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56

[CV 3/5; 282/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=102;; score=0.406 total
time= 1.5s

[CV 4/5; 286/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56

[CV 3/5; 285/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32;; score=0.359 total
time= 0.2s

[CV 5/5; 286/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56

[CV 4/5; 285/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32;; score=0.388 total
time= 0.1s

[CV 5/5; 285/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=32;; score=0.393 total
time= 0.1s

[CV 1/5; 287/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86

[CV 3/5; 287/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86

[CV 2/5; 287/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86

[CV 5/5; 284/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.407 total
time= 0.4s

[CV 4/5; 287/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86

[CV 4/5; 284/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.383 total
time= 0.5s

[CV 5/5; 287/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86

[CV 3/5; 286/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56;; score=0.379 total
time= 0.6s

[CV 1/5; 288/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88

[CV 1/5; 286/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56;; score=0.416 total
time= 0.7s

[CV 2/5; 288/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88

[CV 2/5; 286/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56;; score=0.388 total
time= 0.7s

[CV 3/5; 288/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88

[CV 5/5; 286/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56;; score=0.408 total
time= 0.7s

[CV 4/5; 288/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88

[CV 4/5; 286/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=56;; score=0.384 total
time= 0.7s

[CV 5/5; 288/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88

[CV 2/5; 288/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88;; score=0.392 total
time= 0.5s

[CV 1/5; 289/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184

[CV 1/5; 288/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88;; score=0.429 total
time= 0.6s

[CV 2/5; 289/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184

[CV 3/5; 288/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88;; score=0.398 total
time= 0.5s

[CV 3/5; 289/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184

[CV 5/5; 288/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88;; score=0.400 total
time= 0.5s

[CV 4/5; 289/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184

[CV 4/5; 288/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=88;; score=0.405 total
time= 0.6s

[CV 5/5; 289/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184

[CV 2/5; 287/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86;; score=0.407 total
time= 1.7s

[CV 3/5; 287/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86;; score=0.429 total
time= 1.7s

[CV 1/5; 290/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16[CV 2/5; 290/400] START
bootstrap=False, max_depth=8, max_features=sqrt, min_samples_leaf=1,
min_samples_split=4, n_estimators=16

[CV 5/5; 287/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86;; score=0.438 total
time= 1.7s

[CV 3/5; 290/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16

[CV 4/5; 287/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86;; score=0.392 total
time= 1.7s

[CV 4/5; 290/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16

[CV 1/5; 287/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=86;; score=0.428 total
time= 1.8s

[CV 5/5; 290/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16

[CV 2/5; 290/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16;; score=0.385 total
time= 0.1s

[CV 1/5; 290/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16;; score=0.436 total
time= 0.1s

[CV 1/5; 291/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4

[CV 2/5; 291/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4

[CV 2/5; 291/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4;; score=0.380 total
time= 0.0s

[CV 3/5; 291/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4

[CV 1/5; 291/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4;; score=0.401 total
time= 0.0s

[CV 4/5; 291/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4

[CV 4/5; 291/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4;; score=0.428 total
time= 0.0s

[CV 5/5; 291/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4

[CV 3/5; 291/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4;; score=0.394 total
time= 0.0s

[CV 1/5; 292/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168

[CV 5/5; 291/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=4;; score=0.393 total
time= 0.0s

[CV 4/5; 290/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16;; score=0.376 total
time= 0.1s

[CV 2/5; 292/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168

[CV 3/5; 292/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168

[CV 5/5; 290/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16;; score=0.397 total
time= 0.1s

[CV 4/5; 292/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168

[CV 3/5; 290/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=16;; score=0.376 total
time= 0.2s

[CV 5/5; 292/400] START bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168

[CV 1/5; 292/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168;; score=0.406 total
time= 1.2s

[CV 1/5; 293/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44

[CV 2/5; 292/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168;; score=0.385 total
time= 1.2s

[CV 5/5; 292/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168;; score=0.394 total
time= 1.2s

[CV 2/5; 293/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44

[CV 3/5; 293/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44

[CV 3/5; 292/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168;; score=0.372 total
time= 1.2s

[CV 4/5; 293/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44

[CV 2/5; 289/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184;; score=0.409 total
time= 2.0s

[CV 5/5; 293/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44

[CV 1/5; 289/400] END bootstrap=False, max_depth=19, max_features=sqrt,


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min_samples_leaf=1, min_samples_split=4, n_estimators=184;; score=0.429 total
time= 2.1s
[CV 4/5; 292/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=168;; score=0.373 total
time= 1.2s
[CV 2/5; 294/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76
[CV 1/5; 294/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76
[CV 4/5; 289/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184;; score=0.384 total
time= 2.0s
[CV 3/5; 294/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76
[CV 5/5; 289/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184;; score=0.412 total
time= 2.1s
[CV 4/5; 294/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76
[CV 3/5; 289/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=184;; score=0.370 total
time= 2.2s
[CV 5/5; 294/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76
[CV 1/5; 293/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44;; score=0.443 total
time= 0.4s
[CV 1/5; 295/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 2/5; 293/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44;; score=0.395 total
time= 0.4s
[CV 2/5; 295/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 4/5; 293/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44;; score=0.390 total
time= 0.4s
[CV 3/5; 293/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44;; score=0.379 total
time= 0.4s
[CV 5/5; 293/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=44;; score=0.396 total
time= 0.4s
[CV 3/5; 295/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 4/5; 295/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 5/5; 295/400] START bootstrap=True, max_depth=20, max_features=None,

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min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 2/5; 294/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76;; score=0.384 total
time= 2.0s
[CV 1/5; 296/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134
[CV 1/5; 294/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76;; score=0.436 total
time= 2.0s
[CV 2/5; 296/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134
[CV 4/5; 294/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76;; score=0.383 total
time= 2.0s
[CV 3/5; 296/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134
[CV 3/5; 294/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76;; score=0.398 total
time= 2.2s
[CV 4/5; 296/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134
[CV 5/5; 294/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=76;; score=0.394 total
time= 2.1s
[CV 5/5; 296/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134
[CV 5/5; 295/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.438 total
time= 2.6s
[CV 1/5; 297/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110
[CV 2/5; 295/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.395 total
time= 2.7s
[CV 2/5; 297/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110
[CV 4/5; 295/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.388 total
time= 2.8s
[CV 1/5; 295/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.421 total
time= 2.8s
[CV 3/5; 297/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110
[CV 4/5; 297/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110
[CV 3/5; 295/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.410 total

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time= 2.8s
[CV 5/5; 297/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110
[CV 1/5; 296/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134;; score=0.422 total
time= 1.4s
[CV 1/5; 298/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46
[CV 2/5; 296/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134;; score=0.398 total
time= 1.4s
[CV 1/5; 298/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46;; score=0.422 total
time= 0.1s
[CV 2/5; 298/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46
[CV 3/5; 298/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46
[CV 3/5; 296/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134;; score=0.379 total
time= 1.4s
[CV 4/5; 298/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46
[CV 4/5; 296/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134;; score=0.383 total
time= 1.4s
[CV 2/5; 298/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46;; score=0.403 total
time= 0.2s
[CV 5/5; 298/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46
[CV 1/5; 299/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50
[CV 5/5; 296/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=134;; score=0.407 total
time= 1.4s
[CV 2/5; 299/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50
[CV 3/5; 298/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46;; score=0.372 total
time= 0.2s
[CV 3/5; 299/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50
[CV 4/5; 298/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46;; score=0.387 total
time= 0.2s
[CV 5/5; 298/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=46;; score=0.393 total

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time= 0.1s
[CV 4/5; 299/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50
[CV 5/5; 299/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50
[CV 2/5; 299/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50;; score=0.396 total
time= 1.1s
[CV 1/5; 300/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162
[CV 3/5; 299/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50;; score=0.413 total
time= 1.1s
[CV 2/5; 300/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162
[CV 1/5; 299/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50;; score=0.395 total
time= 1.2s
[CV 5/5; 299/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50;; score=0.452 total
time= 1.1s
[CV 3/5; 300/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162
[CV 4/5; 300/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162
[CV 4/5; 299/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=50;; score=0.370 total
time= 1.1s
[CV 5/5; 300/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162
[CV 2/5; 297/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110;; score=0.394 total
time= 2.2s
[CV 1/5; 301/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=82
[CV 4/5; 297/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110;; score=0.394 total
time= 2.2s
[CV 3/5; 297/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110;; score=0.413 total
time= 2.2s
[CV 2/5; 301/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=82
[CV 3/5; 301/400] START bootstrap=False, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=82
[CV 5/5; 297/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=110;; score=0.427 total
time= 2.3s

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[CV 4/5; 301/400] START bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82

[CV 1/5; 297/400] END bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=110;; score=0.435 total time= 2.4s

[CV 5/5; 301/400] START bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82

[CV 2/5; 301/400] END bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82;; score=0.403 total time= 0.9s

[CV 1/5; 302/400] START bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=188

[CV 1/5; 301/400] END bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82;; score=0.398 total time= 1.1s

[CV 2/5; 302/400] START bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=188

[CV 3/5; 301/400] END bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82;; score=0.388 total time= 1.1s

[CV 5/5; 301/400] END bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82;; score=0.413 total time= 1.0s

[CV 4/5; 301/400] END bootstrap=False, max_depth=None, max_features=sqrt, min_samples_leaf=3, min_samples_split=3, n_estimators=82;; score=0.376 total time= 1.0s

[CV 3/5; 302/400] START bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=188

[CV 4/5; 302/400] START bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=188

[CV 5/5; 302/400] START bootstrap=True, max_depth=20, max_features=None, min_samples_leaf=2, min_samples_split=5, n_estimators=188

[CV 2/5; 300/400] END bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=7, n_estimators=162;; score=0.372 total time= 2.9s

[CV 1/5; 303/400] START bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=6, n_estimators=86

[CV 1/5; 300/400] END bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=7, n_estimators=162;; score=0.414 total time= 3.0s

[CV 2/5; 303/400] START bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=6, n_estimators=86

[CV 4/5; 300/400] END bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=7, n_estimators=162;; score=0.350 total time= 3.0s

[CV 3/5; 303/400] START bootstrap=False, max_depth=8, max_features=None, min_samples_leaf=1, min_samples_split=6, n_estimators=86

[CV 3/5; 300/400] END bootstrap=False, max_depth=8, max_features=None,

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min_samples_leaf=1, min_samples_split=7, n_estimators=162;; score=0.348 total
time= 3.0s
[CV 4/5; 303/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86
[CV 5/5; 300/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=162;; score=0.376 total
time= 3.0s
[CV 5/5; 303/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86
[CV 1/5; 303/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86;; score=0.414 total
time= 1.6s
[CV 2/5; 303/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86;; score=0.372 total
time= 1.5s
[CV 1/5; 304/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172
[CV 2/5; 304/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172
[CV 4/5; 303/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86;; score=0.348 total
time= 1.6s
[CV 3/5; 304/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172
[CV 3/5; 303/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86;; score=0.348 total
time= 1.6s
[CV 4/5; 304/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172
[CV 5/5; 303/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=86;; score=0.375 total
time= 1.6s
[CV 5/5; 304/400] START bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172
[CV 2/5; 302/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=188;; score=0.383 total
time= 3.8s
[CV 1/5; 305/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140
[CV 3/5; 302/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=188;; score=0.405 total
time= 3.8s
[CV 2/5; 305/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140
[CV 1/5; 302/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=188;; score=0.428 total
time= 4.0s
[CV 3/5; 305/400] START bootstrap=False, max_depth=8, max_features=None,

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min_samples_leaf=1, min_samples_split=5, n_estimators=140
[CV 5/5; 302/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=188;; score=0.440 total
time= 3.9s
[CV 4/5; 305/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140
[CV 4/5; 302/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=188;; score=0.405 total
time= 3.9s
[CV 5/5; 305/400] START bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140
[CV 2/5; 304/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172;; score=0.402 total
time= 1.8s
[CV 1/5; 306/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 1/5; 304/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172;; score=0.399 total
time= 1.8s
[CV 2/5; 306/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 4/5; 304/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172;; score=0.391 total
time= 1.8s
[CV 3/5; 306/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 5/5; 304/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172;; score=0.398 total
time= 1.9s
[CV 3/5; 304/400] END bootstrap=False, max_depth=20, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=172;; score=0.399 total
time= 2.0s
[CV 4/5; 306/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 5/5; 306/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148
[CV 1/5; 305/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140;; score=0.414 total
time= 2.5s
[CV 1/5; 307/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82
[CV 2/5; 305/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140;; score=0.372 total
time= 2.5s
[CV 2/5; 307/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82
[CV 3/5; 305/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140;; score=0.348 total

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time= 2.6s
[CV 3/5; 307/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82
[CV 4/5; 305/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140;; score=0.348 total
time= 2.6s
[CV 4/5; 307/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82
[CV 5/5; 305/400] END bootstrap=False, max_depth=8, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=140;; score=0.375 total
time= 2.6s
[CV 5/5; 307/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82
[CV 1/5; 307/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82;; score=0.407 total
time= 0.9s
[CV 1/5; 308/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 2/5; 307/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82;; score=0.379 total
time= 0.9s
[CV 2/5; 308/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 4/5; 307/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82;; score=0.381 total
time= 0.9s
[CV 3/5; 308/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 3/5; 307/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82;; score=0.348 total
time= 1.1s
[CV 4/5; 308/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 5/5; 307/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=82;; score=0.380 total
time= 1.1s
[CV 5/5; 308/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198
[CV 1/5; 306/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.417 total
time= 3.2s
[CV 2/5; 306/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.392 total
time= 3.2s
[CV 1/5; 309/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2
[CV 1/5; 309/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2;; score=0.392 total

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time= 0.0s
[CV 2/5; 309/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2
[CV 3/5; 309/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2
[CV 2/5; 309/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2;; score=0.370 total
time= 0.0s
[CV 4/5; 309/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2
[CV 4/5; 309/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2;; score=0.362 total
time= 0.0s
[CV 3/5; 309/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2;; score=0.365 total
time= 0.0s
[CV 5/5; 309/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2
[CV 1/5; 310/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66
[CV 5/5; 309/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=2;; score=0.383 total
time= 0.0s
[CV 2/5; 310/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66
[CV 4/5; 306/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.384 total
time= 3.1s
[CV 3/5; 310/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66
[CV 5/5; 306/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.441 total
time= 3.2s
[CV 4/5; 310/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66
[CV 3/5; 306/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=148;; score=0.427 total
time= 3.5s
[CV 5/5; 310/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66
[CV 1/5; 308/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.422 total
time= 2.2s
[CV 1/5; 311/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56
[CV 2/5; 308/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.394 total
time= 2.3s

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[CV 2/5; 311/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56

[CV 3/5; 308/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.377 total
time= 2.3s

[CV 3/5; 311/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56

[CV 5/5; 308/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.404 total
time= 2.3s

[CV 4/5; 311/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56

[CV 4/5; 308/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=198;; score=0.391 total
time= 2.5s

[CV 5/5; 311/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56

[CV 2/5; 310/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66;; score=0.392 total
time= 1.9s

[CV 1/5; 312/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96

[CV 1/5; 310/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66;; score=0.414 total
time= 2.0s

[CV 2/5; 312/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96

[CV 3/5; 310/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66;; score=0.388 total
time= 2.0s

[CV 3/5; 312/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96

[CV 4/5; 310/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66;; score=0.370 total
time= 2.1s

[CV 5/5; 310/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=66;; score=0.394 total
time= 1.9s

[CV 4/5; 312/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96

[CV 5/5; 312/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96

[CV 1/5; 311/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56;; score=0.431 total
time= 1.1s

[CV 1/5; 313/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86

[CV 2/5; 311/400] END bootstrap=True, max_depth=17, max_features=None,

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min_samples_leaf=1, min_samples_split=4, n_estimators=56;; score=0.394 total
time= 1.1s
[CV 2/5; 313/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86
[CV 3/5; 311/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56;; score=0.427 total
time= 1.2s
[CV 3/5; 313/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86
[CV 1/5; 313/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86;; score=0.438 total
time= 0.5s
[CV 4/5; 313/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86
[CV 4/5; 311/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56;; score=0.401 total
time= 1.1s
[CV 5/5; 313/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86
[CV 2/5; 313/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86;; score=0.394 total
time= 0.5s
[CV 1/5; 314/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40
[CV 5/5; 311/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=56;; score=0.446 total
time= 1.2s
[CV 2/5; 314/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40
[CV 3/5; 313/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86;; score=0.412 total
time= 0.5s
[CV 3/5; 314/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40
[CV 4/5; 313/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86;; score=0.399 total
time= 0.4s
[CV 4/5; 314/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40
[CV 5/5; 313/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=86;; score=0.412 total
time= 0.4s
[CV 5/5; 314/400] START bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40
[CV 2/5; 314/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40;; score=0.390 total
time= 0.8s
[CV 1/5; 315/400] START bootstrap=True, max_depth=None, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=3, n_estimators=28
[CV 1/5; 314/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40;; score=0.436 total
time= 0.8s
[CV 2/5; 315/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28
[CV 2/5; 312/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96;; score=0.399 total
time= 2.0s
[CV 3/5; 315/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28
[CV 2/5; 315/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28;; score=0.388 total
time= 0.2s
[CV 1/5; 312/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96;; score=0.417 total
time= 2.1s
[CV 4/5; 315/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28
[CV 5/5; 315/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28
[CV 1/5; 315/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28;; score=0.410 total
time= 0.2s
[CV 1/5; 316/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84
[CV 4/5; 314/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40;; score=0.383 total
time= 0.8s
[CV 2/5; 316/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84
[CV 5/5; 314/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40;; score=0.449 total
time= 0.8s
[CV 3/5; 316/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84
[CV 3/5; 312/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96;; score=0.410 total
time= 2.0s
[CV 4/5; 316/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84
[CV 3/5; 314/400] END bootstrap=True, max_depth=18, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=40;; score=0.417 total
time= 0.8s
[CV 5/5; 316/400] START bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84
[CV 4/5; 315/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28;; score=0.383 total

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time= 0.2s
[CV 3/5; 315/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28;; score=0.399 total
time= 0.2s
[CV 1/5; 317/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160
[CV 5/5; 315/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=3, min_samples_split=3, n_estimators=28;; score=0.419 total
time= 0.2s
[CV 2/5; 317/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160
[CV 3/5; 317/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160
[CV 5/5; 312/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96;; score=0.430 total
time= 2.0s
[CV 4/5; 312/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=96;; score=0.390 total
time= 2.1s
[CV 4/5; 317/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160
[CV 5/5; 317/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160
[CV 3/5; 317/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160;; score=0.412 total
time= 1.1s
[CV 1/5; 318/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58
[CV 1/5; 317/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160;; score=0.442 total
time= 1.1s
[CV 2/5; 318/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58
[CV 4/5; 317/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160;; score=0.401 total
time= 1.0s
[CV 2/5; 317/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160;; score=0.390 total
time= 1.1s
[CV 4/5; 318/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58
[CV 3/5; 318/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58
[CV 5/5; 317/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=8, n_estimators=160;; score=0.419 total
time= 1.0s
[CV 5/5; 318/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58

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[CV 4/5; 318/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58;; score=0.385 total
time= 0.2s

[CV 1/5; 318/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58;; score=0.420 total
time= 0.2s

[CV 1/5; 319/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64

[CV 2/5; 318/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58;; score=0.374 total
time= 0.2s

[CV 2/5; 319/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64

[CV 3/5; 319/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64

[CV 3/5; 318/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58;; score=0.364 total
time= 0.2s

[CV 4/5; 319/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64

[CV 5/5; 318/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=58;; score=0.391 total
time= 0.2s

[CV 1/5; 316/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84;; score=0.433 total
time= 1.6s

[CV 5/5; 319/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64

[CV 1/5; 320/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148

[CV 2/5; 316/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84;; score=0.420 total
time= 1.6s

[CV 5/5; 316/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84;; score=0.438 total
time= 1.6s

[CV 2/5; 320/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148

[CV 3/5; 320/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148

[CV 3/5; 316/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84;; score=0.435 total
time= 1.7s

[CV 4/5; 320/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148

[CV 4/5; 316/400] END bootstrap=True, max_depth=17, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=84;; score=0.391 total
time= 1.7s

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[CV 5/5; 320/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148
[CV 2/5; 319/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.377 total
time= 1.7s
[CV 1/5; 321/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118
[CV 3/5; 319/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.396 total
time= 1.7s
[CV 2/5; 321/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118
[CV 1/5; 319/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.431 total
time= 1.8s
[CV 3/5; 321/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118
[CV 5/5; 320/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148;; score=0.405 total
time= 1.4s
[CV 1/5; 320/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148;; score=0.422 total
time= 1.6s
[CV 4/5; 321/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118[CV 5/5; 321/400] START
bootstrap=True, max_depth=15, max_features=sqrt, min_samples_leaf=3,
min_samples_split=2, n_estimators=118

[CV 3/5; 320/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148;; score=0.395 total
time= 1.6s
[CV 2/5; 320/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148;; score=0.402 total
time= 1.6s
[CV 4/5; 320/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=148;; score=0.392 total
time= 1.5s
[CV 2/5; 322/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8
[CV 1/5; 322/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8
[CV 3/5; 322/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8
[CV 5/5; 319/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.385 total
time= 1.7s
[CV 4/5; 322/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8

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[CV 2/5; 322/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8;; score=0.398 total
time= 0.1s

[CV 5/5; 322/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8

[CV 4/5; 319/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=64;; score=0.385 total
time= 1.9s

[CV 1/5; 323/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160

[CV 3/5; 322/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8;; score=0.406 total
time= 0.1s

[CV 2/5; 323/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160

[CV 1/5; 322/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8;; score=0.432 total
time= 0.1s

[CV 3/5; 323/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160

[CV 4/5; 322/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8;; score=0.396 total
time= 0.1s

[CV 4/5; 323/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160

[CV 5/5; 322/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=8;; score=0.401 total
time= 0.1s

[CV 5/5; 323/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160

[CV 3/5; 321/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118;; score=0.392 total
time= 0.7s

[CV 1/5; 324/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 2/5; 321/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118;; score=0.392 total
time= 0.7s

[CV 2/5; 324/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 1/5; 321/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118;; score=0.450 total
time= 0.8s

[CV 3/5; 324/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 5/5; 321/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118;; score=0.408 total
time= 0.7s

[CV 4/5; 324/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 4/5; 321/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=118;; score=0.407 total
time= 0.8s

[CV 5/5; 324/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 4/5; 323/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160;; score=0.399 total
time= 3.1s

[CV 1/5; 325/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24

[CV 3/5; 323/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160;; score=0.399 total
time= 3.2s

[CV 2/5; 325/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24

[CV 1/5; 323/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160;; score=0.422 total
time= 3.2s

[CV 3/5; 325/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24

[CV 2/5; 323/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160;; score=0.399 total
time= 3.2s

[CV 4/5; 325/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24

[CV 5/5; 323/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=160;; score=0.429 total
time= 3.1s

[CV 5/5; 325/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24

[CV 1/5; 325/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.424 total
time= 0.2s

[CV 1/5; 326/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178

[CV 4/5; 325/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.368 total
time= 0.1s

[CV 2/5; 326/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178

[CV 3/5; 325/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.398 total
time= 0.2s

[CV 3/5; 326/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178

[CV 5/5; 325/400] END bootstrap=True, max_depth=16, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.415 total
time= 0.1s
[CV 4/5; 326/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178
[CV 2/5; 325/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.395 total
time= 0.2s
[CV 5/5; 326/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178
[CV 2/5; 324/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.390 total
time= 3.5s
[CV 1/5; 327/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70
[CV 4/5; 324/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.348 total
time= 3.5s
[CV 2/5; 327/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70
[CV 5/5; 324/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.390 total
time= 3.6s
[CV 3/5; 327/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70
[CV 1/5; 324/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.368 total
time= 3.8s
[CV 4/5; 327/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70
[CV 2/5; 326/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178;; score=0.409 total
time= 1.0s
[CV 5/5; 327/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70
[CV 1/5; 326/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178;; score=0.433 total
time= 1.0s
[CV 1/5; 328/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 5/5; 326/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178;; score=0.416 total
time= 1.0s
[CV 2/5; 328/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 4/5; 326/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178;; score=0.376 total
time= 1.0s
[CV 3/5; 328/400] START bootstrap=False, max_depth=11, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 3/5; 326/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=178;; score=0.394 total
time= 1.1s
[CV 4/5; 328/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156[CV 1/5; 327/400] END
bootstrap=True, max_depth=20, max_features=sqrt, min_samples_leaf=1,
min_samples_split=6, n_estimators=70;; score=0.420 total time= 0.5s

[CV 5/5; 328/400] START bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156
[CV 2/5; 327/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70;; score=0.388 total
time= 0.5s
[CV 1/5; 329/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78
[CV 3/5; 327/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70;; score=0.414 total
time= 0.5s
[CV 2/5; 329/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78
[CV 3/5; 324/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.342 total
time= 4.3s
[CV 4/5; 327/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70;; score=0.387 total
time= 0.5s
[CV 3/5; 329/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78
[CV 4/5; 329/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78
[CV 5/5; 327/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=70;; score=0.416 total
time= 0.5s
[CV 5/5; 329/400] START bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78
[CV 1/5; 329/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78;; score=0.431 total
time= 0.5s
[CV 1/5; 330/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12
[CV 2/5; 329/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78;; score=0.402 total
time= 0.5s
[CV 2/5; 330/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12
[CV 3/5; 329/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78;; score=0.410 total

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time= 0.5s
[CV 3/5; 330/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12
[CV 4/5; 329/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78;; score=0.391 total
time= 0.5s
[CV 1/5; 330/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12;; score=0.432 total
time= 0.2s
[CV 4/5; 330/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12
[CV 5/5; 330/400] START bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12
[CV 5/5; 329/400] END bootstrap=True, max_depth=16, max_features=sqrt,
min_samples_leaf=2, min_samples_split=4, n_estimators=78;; score=0.440 total
time= 0.6s
[CV 1/5; 331/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138
[CV 2/5; 330/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12;; score=0.384 total
time= 0.2s
[CV 2/5; 331/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138
[CV 3/5; 330/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12;; score=0.409 total
time= 0.2s
[CV 3/5; 331/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138
[CV 5/5; 330/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12;; score=0.418 total
time= 0.2s
[CV 4/5; 331/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138
[CV 4/5; 330/400] END bootstrap=True, max_depth=11, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=12;; score=0.391 total
time= 0.2s
[CV 5/5; 331/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138
[CV 2/5; 328/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.405 total
time= 1.2s
[CV 1/5; 332/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90
[CV 3/5; 328/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.370 total
time= 1.2s
[CV 2/5; 332/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

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[CV 1/5; 328/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.406 total
time= 1.3s

[CV 3/5; 332/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 4/5; 328/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.370 total
time= 1.3s

[CV 4/5; 332/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 5/5; 328/400] END bootstrap=False, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=156;; score=0.402 total
time= 1.3s

[CV 5/5; 332/400] START bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90

[CV 1/5; 331/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138;; score=0.433 total
time= 0.6s

[CV 1/5; 333/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66

[CV 2/5; 331/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138;; score=0.385 total
time= 0.6s

[CV 2/5; 333/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66

[CV 5/5; 331/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138;; score=0.411 total
time= 0.5s

[CV 3/5; 333/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66

[CV 3/5; 331/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138;; score=0.369 total
time= 0.6s

[CV 4/5; 333/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66

[CV 4/5; 331/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=7, n_estimators=138;; score=0.399 total
time= 0.6s

[CV 5/5; 333/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66

[CV 1/5; 332/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.432 total
time= 1.0s

[CV 1/5; 334/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36

[CV 2/5; 332/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.396 total
time= 1.0s

[CV 2/5; 334/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36

[CV 3/5; 332/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.380 total
time= 1.0s

[CV 3/5; 334/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36

[CV 5/5; 332/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.411 total
time= 0.9s

[CV 4/5; 334/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36

[CV 4/5; 332/400] END bootstrap=False, max_depth=17, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=90;; score=0.385 total
time= 1.0s

[CV 5/5; 334/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36

[CV 2/5; 334/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36;; score=0.414 total
time= 0.3s

[CV 1/5; 334/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36;; score=0.442 total
time= 0.4s

[CV 2/5; 335/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166

[CV 1/5; 335/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166

[CV 3/5; 334/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36;; score=0.379 total
time= 0.3s

[CV 3/5; 335/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166

[CV 4/5; 334/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36;; score=0.401 total
time= 0.4s

[CV 4/5; 335/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166

[CV 5/5; 334/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=36;; score=0.386 total
time= 0.3s

[CV 5/5; 335/400] START bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166

[CV 2/5; 333/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66;; score=0.379 total
time= 1.5s

[CV 1/5; 333/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=66;; score=0.390 total
time= 1.6s

[CV 1/5; 336/400] START bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28

[CV 2/5; 336/400] START bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28

[CV 4/5; 333/400] END bootstrap=False, max_depth=11, max_features=None, min_samples_leaf=1, min_samples_split=2, n_estimators=66;; score=0.362 total time= 1.6s

[CV 5/5; 333/400] END bootstrap=False, max_depth=11, max_features=None, min_samples_leaf=1, min_samples_split=2, n_estimators=66;; score=0.430 total time= 1.6s

[CV 3/5; 336/400] START bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28

[CV 4/5; 336/400] START bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28

[CV 3/5; 333/400] END bootstrap=False, max_depth=11, max_features=None, min_samples_leaf=1, min_samples_split=2, n_estimators=66;; score=0.348 total time= 1.7s

[CV 5/5; 336/400] START bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28

[CV 1/5; 336/400] END bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28;; score=0.407 total time= 0.2s

[CV 1/5; 337/400] START bootstrap=False, max_depth=10, max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=48

[CV 2/5; 336/400] END bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28;; score=0.398 total time= 0.2s

[CV 2/5; 337/400] START bootstrap=False, max_depth=10, max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=48

[CV 2/5; 335/400] END bootstrap=True, max_depth=15, max_features=sqrt, min_samples_leaf=1, min_samples_split=9, n_estimators=166;; score=0.405 total time= 0.9s

[CV 3/5; 336/400] END bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28;; score=0.374 total time= 0.2s

[CV 3/5; 337/400] START bootstrap=False, max_depth=10, max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=48

[CV 4/5; 337/400] START bootstrap=False, max_depth=10, max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=48

[CV 1/5; 335/400] END bootstrap=True, max_depth=15, max_features=sqrt, min_samples_leaf=1, min_samples_split=9, n_estimators=166;; score=0.436 total time= 1.0s

[CV 5/5; 336/400] END bootstrap=False, max_depth=10, max_features=sqrt, min_samples_leaf=1, min_samples_split=4, n_estimators=28;; score=0.371 total time= 0.2s

[CV 5/5; 337/400] START bootstrap=False, max_depth=10, max_features=None, min_samples_leaf=1, min_samples_split=5, n_estimators=48

[CV 1/5; 338/400] START bootstrap=False, max_depth=19, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=9, n_estimators=22
[CV 4/5; 336/400] END bootstrap=False, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=28;; score=0.387 total
time= 0.3s
[CV 2/5; 338/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22
[CV 3/5; 335/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166;; score=0.406 total
time= 1.1s
[CV 3/5; 338/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22
[CV 4/5; 335/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166;; score=0.396 total
time= 1.0s
[CV 4/5; 338/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22
[CV 5/5; 335/400] END bootstrap=True, max_depth=15, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=166;; score=0.433 total
time= 1.0s
[CV 5/5; 338/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22
[CV 2/5; 338/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22;; score=0.405 total
time= 0.2s
[CV 1/5; 339/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86
[CV 1/5; 338/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22;; score=0.433 total
time= 0.3s
[CV 2/5; 339/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86
[CV 4/5; 338/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22;; score=0.365 total
time= 0.2s
[CV 3/5; 338/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22;; score=0.370 total
time= 0.3s
[CV 3/5; 339/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86
[CV 4/5; 339/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86
[CV 5/5; 338/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=22;; score=0.393 total
time= 0.2s
[CV 5/5; 339/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86
[CV 1/5; 337/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=48;; score=0.391 total

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time= 1.2s
[CV 1/5; 340/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130
[CV 2/5; 337/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=48;; score=0.377 total
time= 1.2s
[CV 4/5; 337/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=48;; score=0.355 total
time= 1.1s
[CV 5/5; 337/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=48;; score=0.360 total
time= 1.1s
[CV 2/5; 340/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130
[CV 3/5; 340/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130
[CV 4/5; 340/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130
[CV 3/5; 337/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=48;; score=0.346 total
time= 1.2s
[CV 5/5; 340/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130
[CV 2/5; 339/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86;; score=0.377 total
time= 2.2s
[CV 1/5; 341/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160
[CV 1/5; 339/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86;; score=0.433 total
time= 2.3s
[CV 2/5; 341/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160
[CV 4/5; 339/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86;; score=0.385 total
time= 2.2s
[CV 3/5; 341/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160
[CV 5/5; 339/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86;; score=0.389 total
time= 2.2s
[CV 4/5; 341/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160
[CV 3/5; 339/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=86;; score=0.395 total
time= 2.3s
[CV 5/5; 341/400] START bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160

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[CV 3/5; 340/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130;; score=0.401 total
time= 1.8s

[CV 1/5; 342/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 1/5; 340/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130;; score=0.442 total
time= 2.1s

[CV 2/5; 342/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 2/5; 340/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130;; score=0.388 total
time= 2.1s

[CV 4/5; 340/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130;; score=0.406 total
time= 2.0s

[CV 1/5; 342/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.396 total
time= 0.2s

[CV 3/5; 342/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 4/5; 342/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 5/5; 342/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36

[CV 5/5; 340/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=130;; score=0.430 total
time= 2.1s

[CV 1/5; 343/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184

[CV 2/5; 342/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.392 total
time= 0.2s

[CV 2/5; 343/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184

[CV 3/5; 342/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.368 total
time= 0.2s

[CV 5/5; 342/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.387 total
time= 0.2s

[CV 3/5; 343/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184

[CV 4/5; 342/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=3, min_samples_split=2, n_estimators=36;; score=0.379 total
time= 0.2s

[CV 4/5; 343/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184

[CV 5/5; 343/400] START bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184

[CV 1/5; 343/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184;; score=0.432 total
time= 2.5s

[CV 1/5; 344/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196

[CV 2/5; 343/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184;; score=0.394 total
time= 2.5s

[CV 2/5; 344/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196

[CV 4/5; 343/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184;; score=0.407 total
time= 2.5s

[CV 3/5; 344/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196

[CV 5/5; 343/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184;; score=0.423 total
time= 2.4s

[CV 4/5; 344/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196

[CV 3/5; 343/400] END bootstrap=True, max_depth=10, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=184;; score=0.394 total
time= 2.6s

[CV 5/5; 344/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196

[CV 2/5; 341/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160;; score=0.379 total
time= 3.6s

[CV 1/5; 345/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106

[CV 1/5; 341/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160;; score=0.405 total
time= 3.7s

[CV 2/5; 345/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106

[CV 5/5; 341/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160;; score=0.433 total
time= 3.6s

[CV 4/5; 341/400] END bootstrap=True, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=3, n_estimators=160;; score=0.402 total
time= 3.7s

[CV 3/5; 345/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106

[CV 4/5; 345/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106

[CV 3/5; 341/400] END bootstrap=True, max_depth=None, max_features=None,

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min_samples_leaf=1, min_samples_split=3, n_estimators=160;, score=0.409 total
time= 4.0s
[CV 5/5; 345/400] START bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106
[CV 1/5; 345/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106;, score=0.438 total
time= 1.9s
[CV 1/5; 346/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130
[CV 2/5; 345/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106;, score=0.398 total
time= 1.8s
[CV 2/5; 346/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130
[CV 4/5; 345/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106;, score=0.401 total
time= 1.8s
[CV 3/5; 346/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130
[CV 3/5; 345/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106;, score=0.406 total
time= 1.8s
[CV 4/5; 346/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130
[CV 5/5; 345/400] END bootstrap=True, max_depth=14, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=106;, score=0.422 total
time= 1.8s
[CV 5/5; 346/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130
[CV 1/5; 346/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130;, score=0.435 total
time= 0.7s
[CV 1/5; 347/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48
[CV 3/5; 346/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130;, score=0.396 total
time= 0.6s
[CV 2/5; 346/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130;, score=0.399 total
time= 0.7s
[CV 3/5; 347/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48
[CV 2/5; 347/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48
[CV 4/5; 346/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130;, score=0.379 total
time= 0.7s
[CV 4/5; 347/400] START bootstrap=False, max_depth=18, max_features=None,

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min_samples_leaf=3, min_samples_split=9, n_estimators=48
[CV 5/5; 346/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=3, n_estimators=130;; score=0.415 total
time= 0.7s
[CV 5/5; 347/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48
[CV 1/5; 344/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196;; score=0.390 total
time= 4.5s
[CV 1/5; 348/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8
[CV 1/5; 347/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48;; score=0.424 total
time= 1.6s
[CV 2/5; 348/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8
[CV 2/5; 347/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48;; score=0.401 total
time= 1.6s
[CV 3/5; 348/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8
[CV 3/5; 347/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48;; score=0.391 total
time= 1.6s
[CV 4/5; 348/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8
[CV 1/5; 348/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8;; score=0.398 total
time= 0.3s
[CV 4/5; 347/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48;; score=0.395 total
time= 1.6s
[CV 5/5; 348/400] START bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8
[CV 1/5; 349/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40
[CV 4/5; 344/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196;; score=0.366 total
time= 4.7s
[CV 2/5; 349/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40
[CV 2/5; 344/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196;; score=0.374 total
time= 4.8s
[CV 3/5; 349/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40
[CV 2/5; 348/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8;; score=0.418 total

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time= 0.3s
[CV 4/5; 349/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40
[CV 3/5; 344/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196;; score=0.351 total
time= 4.9s
[CV 5/5; 349/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40
[CV 5/5; 344/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=196;; score=0.440 total
time= 4.8s
[CV 5/5; 348/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8;; score=0.426 total
time= 0.3s
[CV 3/5; 348/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8;; score=0.391 total
time= 0.3s
[CV 1/5; 350/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38
[CV 2/5; 350/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38
[CV 5/5; 347/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=48;; score=0.411 total
time= 1.6s
[CV 3/5; 350/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38
[CV 4/5; 350/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38
[CV 4/5; 348/400] END bootstrap=False, max_depth=19, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=8;; score=0.387 total
time= 0.3s
[CV 5/5; 350/400] START bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38
[CV 1/5; 349/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40;; score=0.447 total
time= 0.6s
[CV 1/5; 351/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116
[CV 2/5; 349/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40;; score=0.383 total
time= 0.6s
[CV 2/5; 351/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116
[CV 4/5; 349/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40;; score=0.399 total
time= 0.6s
[CV 3/5; 351/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116

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[CV 3/5; 349/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40;; score=0.394 total
time= 0.7s

[CV 4/5; 351/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116

[CV 5/5; 349/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=1, min_samples_split=9, n_estimators=40;; score=0.431 total
time= 0.6s

[CV 5/5; 351/400] START bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116

[CV 2/5; 350/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38;; score=0.394 total
time= 0.8s

[CV 1/5; 352/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184

[CV 3/5; 350/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38;; score=0.410 total
time= 0.8s

[CV 1/5; 350/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38;; score=0.436 total
time= 0.8s

[CV 2/5; 352/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184

[CV 4/5; 350/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38;; score=0.392 total
time= 0.8s

[CV 3/5; 352/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184

[CV 4/5; 352/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184

[CV 5/5; 350/400] END bootstrap=True, max_depth=19, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=38;; score=0.449 total
time= 0.8s

[CV 5/5; 352/400] START bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184

[CV 1/5; 351/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116;; score=0.425 total
time= 3.0s

[CV 1/5; 353/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 2/5; 351/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116;; score=0.376 total
time= 2.9s

[CV 2/5; 353/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 3/5; 351/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116;; score=0.333 total
time= 3.0s

[CV 3/5; 353/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 5/5; 351/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116;; score=0.383 total
time= 2.9s

[CV 4/5; 353/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 4/5; 351/400] END bootstrap=False, max_depth=12, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=116;; score=0.370 total
time= 3.1s

[CV 5/5; 353/400] START bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158

[CV 2/5; 353/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.392 total
time= 0.9s

[CV 1/5; 354/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170

[CV 1/5; 353/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.421 total
time= 0.9s

[CV 2/5; 354/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170

[CV 3/5; 353/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.380 total
time= 0.9s

[CV 3/5; 354/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170

[CV 4/5; 353/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.399 total
time= 0.9s

[CV 4/5; 354/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170

[CV 5/5; 353/400] END bootstrap=True, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=158;; score=0.423 total
time= 0.9s

[CV 5/5; 354/400] START bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170

[CV 4/5; 352/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184;; score=0.365 total
time= 4.4s

[CV 1/5; 352/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184;; score=0.394 total
time= 4.5s

[CV 1/5; 355/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96

[CV 2/5; 355/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96

[CV 2/5; 352/400] END bootstrap=False, max_depth=11, max_features=None,


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min_samples_leaf=1, min_samples_split=5, n_estimators=184;, score=0.380 total
time= 4.5s
[CV 3/5; 355/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96
[CV 3/5; 352/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184;, score=0.346 total
time= 4.5s
[CV 4/5; 355/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96
[CV 5/5; 352/400] END bootstrap=False, max_depth=11, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=184;, score=0.431 total
time= 4.6s
[CV 5/5; 355/400] START bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96
[CV 2/5; 355/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96;, score=0.396 total
time= 0.5s
[CV 1/5; 356/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102
[CV 1/5; 355/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96;, score=0.424 total
time= 0.6s
[CV 2/5; 356/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102
[CV 3/5; 355/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96;, score=0.373 total
time= 0.6s
[CV 3/5; 356/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102
[CV 4/5; 355/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96;, score=0.381 total
time= 0.6s
[CV 4/5; 356/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102
[CV 5/5; 355/400] END bootstrap=False, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=96;, score=0.393 total
time= 0.6s
[CV 5/5; 356/400] START bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102
[CV 2/5; 354/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170;, score=0.388 total
time= 2.6s
[CV 1/5; 357/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 1/5; 354/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170;, score=0.438 total
time= 2.7s
[CV 2/5; 357/400] START bootstrap=True, max_depth=12, max_features=sqrt,

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min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 4/5; 354/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170;; score=0.412 total
time= 2.7s
[CV 3/5; 357/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 3/5; 354/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170;; score=0.401 total
time= 2.8s
[CV 4/5; 357/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 5/5; 354/400] END bootstrap=True, max_depth=12, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=170;; score=0.430 total
time= 2.8s
[CV 5/5; 357/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100
[CV 2/5; 357/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.406 total
time= 0.5s
[CV 1/5; 357/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.438 total
time= 0.5s
[CV 1/5; 358/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106
[CV 2/5; 358/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106
[CV 4/5; 357/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.381 total
time= 0.5s
[CV 3/5; 357/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.399 total
time= 0.6s
[CV 3/5; 358/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106[CV 4/5; 358/400] START
bootstrap=True, max_depth=10, max_features=sqrt, min_samples_leaf=1,
min_samples_split=3, n_estimators=106

[CV 5/5; 357/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=8, n_estimators=100;; score=0.415 total
time= 0.6s
[CV 5/5; 358/400] START bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106
[CV 1/5; 358/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106;; score=0.453 total
time= 0.5s
[CV 1/5; 359/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 2/5; 358/400] END bootstrap=True, max_depth=10, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=3, n_estimators=106;; score=0.394 total
time= 0.5s
[CV 2/5; 359/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 3/5; 358/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106;; score=0.407 total
time= 0.5s
[CV 3/5; 359/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 4/5; 358/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106;; score=0.373 total
time= 0.5s
[CV 4/5; 359/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 5/5; 358/400] END bootstrap=True, max_depth=10, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=106;; score=0.402 total
time= 0.7s
[CV 5/5; 359/400] START bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112
[CV 5/5; 356/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102;; score=0.376 total
time= 2.6s
[CV 1/5; 360/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50
[CV 2/5; 356/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102;; score=0.383 total
time= 2.8s
[CV 2/5; 360/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50
[CV 1/5; 356/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102;; score=0.431 total
time= 2.8s
[CV 3/5; 360/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50
[CV 4/5; 356/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102;; score=0.373 total
time= 2.9s
[CV 4/5; 360/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50
[CV 3/5; 356/400] END bootstrap=False, max_depth=13, max_features=None,
min_samples_leaf=1, min_samples_split=2, n_estimators=102;; score=0.388 total
time= 3.0s
[CV 2/5; 359/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.403 total
time= 1.0s
[CV 5/5; 360/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50
[CV 1/5; 361/400] START bootstrap=False, max_depth=5, max_features=sqrt,

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min_samples_leaf=1, min_samples_split=7, n_estimators=126
[CV 1/5; 359/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.409 total
time= 1.0s
[CV 2/5; 361/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126
[CV 3/5; 360/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50;; score=0.358 total
time= 0.4s
[CV 2/5; 360/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50;; score=0.396 total
time= 0.4s
[CV 1/5; 360/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50;; score=0.409 total
time= 0.4s
[CV 3/5; 361/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126
[CV 4/5; 361/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126
[CV 5/5; 361/400] START bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126
[CV 4/5; 360/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50;; score=0.368 total
time= 0.4s
[CV 1/5; 362/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182
[CV 4/5; 359/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.364 total
time= 1.0s
[CV 2/5; 362/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182
[CV 3/5; 359/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.366 total
time= 1.1s
[CV 3/5; 362/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182
[CV 5/5; 360/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=9, n_estimators=50;; score=0.404 total
time= 0.4s
[CV 4/5; 362/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182
[CV 2/5; 361/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126;; score=0.412 total
time= 0.5s
[CV 5/5; 362/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182
[CV 1/5; 361/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126;; score=0.413 total

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time= 0.6s
[CV 1/5; 363/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164
[CV 5/5; 361/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126;; score=0.391 total
time= 0.5s
[CV 3/5; 361/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126;; score=0.357 total
time= 0.5s
[CV 2/5; 363/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164
[CV 4/5; 361/400] END bootstrap=False, max_depth=5, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=126;; score=0.395 total
time= 0.5s
[CV 3/5; 363/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164
[CV 4/5; 363/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164
[CV 5/5; 359/400] END bootstrap=True, max_depth=6, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=112;; score=0.396 total
time= 1.1s
[CV 5/5; 363/400] START bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164
[CV 1/5; 363/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164;; score=0.431 total
time= 0.9s
[CV 1/5; 364/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122
[CV 2/5; 363/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164;; score=0.405 total
time= 0.9s
[CV 2/5; 364/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122
[CV 3/5; 363/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164;; score=0.392 total
time= 1.0s
[CV 3/5; 364/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122
[CV 4/5; 363/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164;; score=0.396 total
time= 1.0s
[CV 4/5; 364/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122
[CV 5/5; 363/400] END bootstrap=True, max_depth=14, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=164;; score=0.407 total
time= 1.0s
[CV 5/5; 364/400] START bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122

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[CV 1/5; 362/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182;; score=0.407 total
time= 2.3s

[CV 1/5; 364/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122;; score=0.421 total
time= 1.1s

[CV 1/5; 365/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164

[CV 3/5; 362/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182;; score=0.348 total
time= 2.3s

[CV 3/5; 365/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164

[CV 2/5; 365/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164

[CV 2/5; 362/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182;; score=0.379 total
time= 2.3s

[CV 4/5; 365/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164

[CV 4/5; 362/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182;; score=0.381 total
time= 2.3s

[CV 5/5; 365/400] START bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164

[CV 3/5; 364/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122;; score=0.379 total
time= 1.1s

[CV 2/5; 364/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122;; score=0.407 total
time= 1.1s

[CV 1/5; 366/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20

[CV 2/5; 366/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20

[CV 4/5; 364/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122;; score=0.394 total
time= 1.1s

[CV 3/5; 366/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20

[CV 5/5; 362/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=182;; score=0.386 total
time= 2.3s

[CV 4/5; 366/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20

[CV 5/5; 364/400] END bootstrap=False, max_depth=14, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=122;; score=0.405 total
time= 1.1s

[CV 5/5; 366/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20
[CV 1/5; 366/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20;; score=0.407 total
time= 0.3s
[CV 2/5; 366/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20;; score=0.379 total
time= 0.3s
[CV 1/5; 367/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22
[CV 2/5; 367/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22
[CV 3/5; 366/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20;; score=0.348 total
time= 0.3s
[CV 3/5; 367/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22
[CV 4/5; 366/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20;; score=0.381 total
time= 0.3s
[CV 4/5; 367/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22
[CV 5/5; 366/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=20;; score=0.386 total
time= 0.2s
[CV 5/5; 367/400] START bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22
[CV 1/5; 367/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22;; score=0.407 total
time= 0.3s
[CV 1/5; 368/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66
[CV 2/5; 367/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22;; score=0.379 total
time= 0.3s
[CV 2/5; 368/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66
[CV 3/5; 367/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22;; score=0.348 total
time= 0.3s
[CV 3/5; 368/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66
[CV 4/5; 367/400] END bootstrap=False, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=8, n_estimators=22;; score=0.381 total
time= 0.3s
[CV 4/5; 368/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66
[CV 5/5; 367/400] END bootstrap=False, max_depth=5, max_features=None,

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min_samples_leaf=1, min_samples_split=8, n_estimators=22;; score=0.380 total
time= 0.3s
[CV 5/5; 368/400] START bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66
[CV 2/5; 368/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66;; score=0.394 total
time= 0.3s
[CV 1/5; 369/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168
[CV 1/5; 368/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66;; score=0.431 total
time= 0.3s
[CV 2/5; 369/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168
[CV 4/5; 368/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66;; score=0.391 total
time= 0.3s
[CV 3/5; 369/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168
[CV 3/5; 368/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66;; score=0.412 total
time= 0.3s
[CV 4/5; 369/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168
[CV 5/5; 368/400] END bootstrap=True, max_depth=11, max_features=sqrt,
min_samples_leaf=2, min_samples_split=7, n_estimators=66;; score=0.402 total
time= 0.4s
[CV 5/5; 369/400] START bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168
[CV 2/5; 369/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168;; score=0.403 total
time= 1.5s
[CV 1/5; 370/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 1/5; 369/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168;; score=0.421 total
time= 1.6s
[CV 2/5; 370/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 4/5; 369/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168;; score=0.398 total
time= 1.6s
[CV 3/5; 370/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 3/5; 369/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168;; score=0.387 total
time= 1.7s
[CV 4/5; 370/400] START bootstrap=False, max_depth=18, max_features=None,

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min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 5/5; 369/400] END bootstrap=False, max_depth=16, max_features=sqrt,
min_samples_leaf=3, min_samples_split=5, n_estimators=168;; score=0.401 total
time= 1.7s
[CV 5/5; 370/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128
[CV 2/5; 365/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164;; score=0.399 total
time= 4.9s
[CV 1/5; 371/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152
[CV 1/5; 365/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164;; score=0.414 total
time= 5.1s
[CV 2/5; 371/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152
[CV 5/5; 365/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164;; score=0.401 total
time= 5.0s
[CV 3/5; 371/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152
[CV 4/5; 365/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164;; score=0.390 total
time= 5.1s
[CV 4/5; 371/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152
[CV 3/5; 365/400] END bootstrap=False, max_depth=16, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=164;; score=0.392 total
time= 5.2s
[CV 5/5; 371/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152
[CV 2/5; 370/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.402 total
time= 4.1s
[CV 1/5; 372/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174
[CV 1/5; 370/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.421 total
time= 4.3s
[CV 2/5; 372/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174
[CV 3/5; 370/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.380 total
time= 4.4s
[CV 3/5; 372/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174
[CV 4/5; 370/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.391 total

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time= 4.4s
[CV 4/5; 372/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174
[CV 5/5; 370/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=128;; score=0.407 total
time= 4.4s
[CV 5/5; 372/400] START bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174
[CV 2/5; 371/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152;; score=0.401 total
time= 5.1s
[CV 1/5; 373/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196
[CV 1/5; 371/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152;; score=0.395 total
time= 5.4s
[CV 2/5; 373/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196
[CV 4/5; 371/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152;; score=0.383 total
time= 5.2s
[CV 3/5; 373/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196
[CV 5/5; 371/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152;; score=0.416 total
time= 5.4s
[CV 4/5; 373/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196
[CV 3/5; 371/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=152;; score=0.381 total
time= 5.6s
[CV 5/5; 373/400] START bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196
[CV 1/5; 372/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174;; score=0.413 total
time= 5.0s
[CV 1/5; 374/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156
[CV 2/5; 372/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174;; score=0.392 total
time= 5.1s
[CV 2/5; 374/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156
[CV 3/5; 372/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174;; score=0.384 total
time= 5.2s
[CV 3/5; 374/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156

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[CV 4/5; 372/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174;; score=0.368 total
time= 5.2s

[CV 5/5; 372/400] END bootstrap=False, max_depth=15, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=174;; score=0.396 total
time= 5.2s

[CV 4/5; 374/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156

[CV 5/5; 374/400] START bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156

[CV 1/5; 374/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156;; score=0.412 total
time= 1.2s

[CV 1/5; 375/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98

[CV 2/5; 374/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156;; score=0.417 total
time= 1.3s

[CV 2/5; 375/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98

[CV 3/5; 374/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156;; score=0.354 total
time= 1.2s

[CV 3/5; 375/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98

[CV 5/5; 374/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156;; score=0.389 total
time= 1.2s

[CV 4/5; 375/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98

[CV 4/5; 374/400] END bootstrap=True, max_depth=5, max_features=None,
min_samples_leaf=1, min_samples_split=6, n_estimators=156;; score=0.376 total
time= 1.3s

[CV 5/5; 375/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98

[CV 1/5; 375/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98;; score=0.425 total
time= 1.1s

[CV 1/5; 376/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142

[CV 2/5; 375/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98;; score=0.398 total
time= 1.2s

[CV 2/5; 376/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142

[CV 1/5; 376/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142;; score=0.414 total
time= 0.5s

[CV 3/5; 376/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142

[CV 3/5; 375/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98;; score=0.374 total
time= 1.1s

[CV 4/5; 376/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142

[CV 4/5; 375/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98;; score=0.379 total
time= 1.2s

[CV 5/5; 376/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142

[CV 5/5; 375/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=3, n_estimators=98;; score=0.400 total
time= 1.2s

[CV 1/5; 377/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90

[CV 2/5; 376/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142;; score=0.391 total
time= 0.5s

[CV 2/5; 377/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90

[CV 3/5; 376/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142;; score=0.374 total
time= 0.5s

[CV 3/5; 377/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90

[CV 4/5; 376/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142;; score=0.379 total
time= 0.5s

[CV 4/5; 377/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90

[CV 5/5; 376/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=142;; score=0.387 total
time= 0.5s

[CV 5/5; 377/400] START bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90

[CV 2/5; 373/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.401 total
time= 6.3s

[CV 1/5; 378/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154

[CV 1/5; 377/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90;; score=0.433 total
time= 1.6s

[CV 2/5; 378/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154

[CV 2/5; 377/400] END bootstrap=True, max_depth=15, max_features=None,

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min_samples_leaf=3, min_samples_split=7, n_estimators=90;; score=0.407 total
time= 1.6s
[CV 3/5; 378/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154
[CV 1/5; 373/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.425 total
time= 6.5s
[CV 4/5; 378/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154
[CV 3/5; 377/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90;; score=0.440 total
time= 1.7s
[CV 5/5; 378/400] START bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154
[CV 5/5; 377/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90;; score=0.420 total
time= 1.6s
[CV 1/5; 379/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122
[CV 4/5; 377/400] END bootstrap=True, max_depth=15, max_features=None,
min_samples_leaf=3, min_samples_split=7, n_estimators=90;; score=0.388 total
time= 1.7s
[CV 2/5; 379/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122
[CV 4/5; 373/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.396 total
time= 6.6s
[CV 3/5; 379/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122
[CV 5/5; 373/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.411 total
time= 6.4s
[CV 4/5; 379/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122
[CV 3/5; 373/400] END bootstrap=False, max_depth=18, max_features=None,
min_samples_leaf=3, min_samples_split=9, n_estimators=196;; score=0.391 total
time= 6.9s
[CV 5/5; 379/400] START bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122
[CV 2/5; 378/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154;; score=0.398 total
time= 1.3s
[CV 1/5; 378/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154;; score=0.432 total
time= 1.4s
[CV 1/5; 380/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 2/5; 380/400] START bootstrap=True, max_depth=12, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 3/5; 378/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154;; score=0.372 total
time= 1.4s
[CV 3/5; 380/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 4/5; 378/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154;; score=0.369 total
time= 1.3s
[CV 4/5; 380/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 5/5; 378/400] END bootstrap=False, max_depth=13, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=154;; score=0.408 total
time= 1.3s
[CV 5/5; 380/400] START bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166
[CV 2/5; 380/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.412 total
time= 0.8s
[CV 1/5; 380/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.435 total
time= 0.9s
[CV 1/5; 381/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174
[CV 2/5; 381/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174
[CV 3/5; 380/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.392 total
time= 0.9s
[CV 3/5; 381/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174
[CV 4/5; 380/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.396 total
time= 0.9s
[CV 4/5; 381/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174
[CV 5/5; 380/400] END bootstrap=True, max_depth=12, max_features=sqrt,
min_samples_leaf=2, min_samples_split=5, n_estimators=166;; score=0.429 total
time= 0.8s
[CV 5/5; 381/400] START bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174
[CV 1/5; 379/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122;; score=0.387 total
time= 2.7s
[CV 1/5; 382/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178
[CV 2/5; 379/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122;; score=0.376 total

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time= 2.6s
[CV 2/5; 382/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178
[CV 4/5; 379/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122;; score=0.359 total
time= 2.7s
[CV 3/5; 382/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178
[CV 5/5; 379/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122;; score=0.367 total
time= 2.8s
[CV 4/5; 382/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178
[CV 3/5; 379/400] END bootstrap=False, max_depth=10, max_features=None,
min_samples_leaf=2, min_samples_split=4, n_estimators=122;; score=0.350 total
time= 2.8s
[CV 5/5; 382/400] START bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178
[CV 1/5; 382/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178;; score=0.428 total
time= 1.1s
[CV 1/5; 383/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72
[CV 2/5; 382/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178;; score=0.406 total
time= 1.1s
[CV 2/5; 383/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72
[CV 3/5; 382/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178;; score=0.409 total
time= 1.1s
[CV 3/5; 383/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72
[CV 5/5; 382/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178;; score=0.426 total
time= 1.2s
[CV 4/5; 383/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72
[CV 4/5; 382/400] END bootstrap=True, max_depth=18, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=178;; score=0.399 total
time= 1.3s
[CV 5/5; 383/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72
[CV 2/5; 383/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72;; score=0.409 total
time= 1.3s
[CV 1/5; 384/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148

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[CV 1/5; 383/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72;; score=0.435 total
time= 1.4s

[CV 2/5; 384/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148

[CV 3/5; 383/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72;; score=0.422 total
time= 1.4s

[CV 3/5; 384/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148

[CV 4/5; 383/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72;; score=0.399 total
time= 1.3s

[CV 4/5; 384/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148

[CV 5/5; 383/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=7, n_estimators=72;; score=0.442 total
time= 1.3s

[CV 5/5; 384/400] START bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148

[CV 2/5; 381/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174;; score=0.412 total
time= 5.3s

[CV 1/5; 385/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24

[CV 1/5; 385/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24;; score=0.401 total
time= 0.2s

[CV 1/5; 381/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174;; score=0.424 total
time= 5.6s

[CV 2/5; 385/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24

[CV 3/5; 385/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24

[CV 5/5; 381/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174;; score=0.412 total
time= 5.5s

[CV 4/5; 385/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24

[CV 3/5; 385/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24;; score=0.353 total
time= 0.2s

[CV 2/5; 385/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24;; score=0.402 total
time= 0.2s

[CV 5/5; 385/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24

[CV 1/5; 386/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46

[CV 4/5; 381/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174;; score=0.401 total
time= 5.7s

[CV 2/5; 386/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46

[CV 4/5; 385/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24;; score=0.388 total
time= 0.2s

[CV 3/5; 386/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46

[CV 1/5; 386/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46;; score=0.414 total
time= 0.1s

[CV 4/5; 386/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46

[CV 3/5; 381/400] END bootstrap=False, max_depth=17, max_features=None,
min_samples_leaf=3, min_samples_split=2, n_estimators=174;; score=0.399 total
time= 6.0s

[CV 5/5; 385/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=3, min_samples_split=6, n_estimators=24;; score=0.375 total
time= 0.2s

[CV 5/5; 386/400] START bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46

[CV 1/5; 387/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100

[CV 2/5; 386/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46;; score=0.391 total
time= 0.2s

[CV 2/5; 387/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100

[CV 3/5; 386/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46;; score=0.368 total
time= 0.1s

[CV 3/5; 387/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100

[CV 4/5; 386/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46;; score=0.391 total
time= 0.2s

[CV 4/5; 387/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100

[CV 5/5; 386/400] END bootstrap=True, max_depth=6, max_features=sqrt,
min_samples_leaf=1, min_samples_split=4, n_estimators=46;; score=0.418 total
time= 0.2s

[CV 5/5; 387/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100

[CV 2/5; 384/400] END bootstrap=True, max_depth=20, max_features=None,

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min_samples_leaf=2, min_samples_split=8, n_estimators=148;, score=0.390 total
time= 3.0s
[CV 1/5; 388/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90
[CV 1/5; 384/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148;, score=0.421 total
time= 3.2s
[CV 2/5; 388/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90
[CV 3/5; 384/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148;, score=0.409 total
time= 3.0s
[CV 3/5; 388/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90
[CV 5/5; 384/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148;, score=0.430 total
time= 3.0s
[CV 4/5; 388/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90
[CV 4/5; 384/400] END bootstrap=True, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=8, n_estimators=148;, score=0.388 total
time= 3.1s
[CV 5/5; 388/400] START bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90
[CV 2/5; 387/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100;, score=0.396 total
time= 1.1s
[CV 1/5; 389/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 1/5; 387/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100;, score=0.431 total
time= 1.3s
[CV 2/5; 389/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 4/5; 387/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100;, score=0.374 total
time= 1.2s
[CV 3/5; 387/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100;, score=0.380 total
time= 1.3s
[CV 3/5; 389/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 4/5; 389/400] START bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 5/5; 387/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=3, min_samples_split=5, n_estimators=100;, score=0.402 total
time= 1.2s
[CV 5/5; 389/400] START bootstrap=True, max_depth=8, max_features=None,

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min_samples_leaf=2, min_samples_split=7, n_estimators=114
[CV 1/5; 389/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.438 total
time= 1.3s
[CV 1/5; 390/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156
[CV 2/5; 389/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.402 total
time= 1.3s
[CV 2/5; 390/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156
[CV 3/5; 389/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.368 total
time= 1.3s
[CV 3/5; 390/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156
[CV 4/5; 389/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.377 total
time= 1.3s
[CV 4/5; 390/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156
[CV 5/5; 389/400] END bootstrap=True, max_depth=8, max_features=None,
min_samples_leaf=2, min_samples_split=7, n_estimators=114;; score=0.407 total
time= 1.3s
[CV 5/5; 390/400] START bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156
[CV 1/5; 390/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156;; score=0.424 total
time= 0.7s
[CV 1/5; 391/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 1/5; 391/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.422 total
time= 0.1s
[CV 2/5; 391/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 3/5; 390/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156;; score=0.387 total
time= 0.6s
[CV 3/5; 391/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 2/5; 391/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.405 total
time= 0.1s
[CV 4/5; 391/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 2/5; 390/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156;; score=0.406 total

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time= 0.7s
[CV 5/5; 391/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8
[CV 3/5; 391/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.383 total
time= 0.1s
[CV 4/5; 390/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156;; score=0.383 total
time= 0.6s
[CV 1/5; 392/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24
[CV 4/5; 391/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.364 total
time= 0.1s
[CV 2/5; 392/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24
[CV 3/5; 392/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24
[CV 5/5; 391/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=3, n_estimators=8;; score=0.400 total
time= 0.1s
[CV 4/5; 392/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24
[CV 5/5; 390/400] END bootstrap=True, max_depth=8, max_features=sqrt,
min_samples_leaf=2, min_samples_split=6, n_estimators=156;; score=0.405 total
time= 0.7s
[CV 5/5; 392/400] START bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24
[CV 1/5; 392/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.399 total
time= 0.2s
[CV 1/5; 393/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120
[CV 2/5; 392/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.399 total
time= 0.3s
[CV 2/5; 393/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120
[CV 4/5; 392/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.365 total
time= 0.3s
[CV 3/5; 392/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.392 total
time= 0.3s
[CV 3/5; 393/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120
[CV 4/5; 393/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

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[CV 5/5; 392/400] END bootstrap=False, max_depth=19, max_features=sqrt,
min_samples_leaf=1, min_samples_split=7, n_estimators=24;; score=0.411 total
time= 0.3s

[CV 5/5; 393/400] START bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120

[CV 2/5; 388/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90;; score=0.392 total
time= 3.7s

[CV 1/5; 394/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156

[CV 4/5; 388/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90;; score=0.353 total
time= 3.7s

[CV 2/5; 394/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156

[CV 1/5; 388/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90;; score=0.366 total
time= 4.1s

[CV 3/5; 394/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156

[CV 5/5; 388/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90;; score=0.387 total
time= 3.8s

[CV 4/5; 394/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156

[CV 3/5; 388/400] END bootstrap=False, max_depth=None, max_features=None,
min_samples_leaf=1, min_samples_split=5, n_estimators=90;; score=0.336 total
time= 4.5s

[CV 5/5; 394/400] START bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156

[CV 1/5; 393/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.433 total
time= 1.7s

[CV 3/5; 393/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.396 total
time= 1.6s

[CV 1/5; 395/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42

[CV 2/5; 395/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42

[CV 2/5; 393/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.381 total
time= 1.8s

[CV 5/5; 393/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.415 total
time= 1.6s

[CV 3/5; 395/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42

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[CV 4/5; 395/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 4/5; 393/400] END bootstrap=True, max_depth=9, max_features=None,
min_samples_leaf=2, min_samples_split=3, n_estimators=120;; score=0.395 total
time= 1.8s
[CV 5/5; 395/400] START bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42
[CV 1/5; 395/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.427 total
time= 0.2s
[CV 1/5; 396/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 3/5; 395/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.368 total
time= 0.1s
[CV 2/5; 395/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.376 total
time= 0.2s
[CV 3/5; 396/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 2/5; 396/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 4/5; 395/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.387 total
time= 0.2s
[CV 4/5; 396/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 5/5; 395/400] END bootstrap=True, max_depth=7, max_features=sqrt,
min_samples_leaf=1, min_samples_split=6, n_estimators=42;; score=0.393 total
time= 0.2s
[CV 5/5; 396/400] START bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60
[CV 1/5; 394/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156;; score=0.425 total
time= 1.8s
[CV 1/5; 397/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 1/5; 396/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;; score=0.414 total
time= 0.5s
[CV 2/5; 397/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 3/5; 396/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;; score=0.410 total
time= 0.5s
[CV 3/5; 397/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 2/5; 396/400] END bootstrap=True, max_depth=20, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=9, n_estimators=60;; score=0.390 total
time= 0.6s
[CV 4/5; 397/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 4/5; 396/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;; score=0.368 total
time= 0.6s
[CV 5/5; 397/400] START bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74
[CV 2/5; 394/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156;; score=0.391 total
time= 1.8s
[CV 1/5; 398/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100
[CV 5/5; 396/400] END bootstrap=True, max_depth=20, max_features=sqrt,
min_samples_leaf=2, min_samples_split=9, n_estimators=60;; score=0.422 total
time= 0.6s
[CV 3/5; 394/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156;; score=0.368 total
time= 1.8s
[CV 2/5; 398/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100
[CV 3/5; 398/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100
[CV 4/5; 394/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156;; score=0.369 total
time= 1.9s
[CV 4/5; 398/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100
[CV 2/5; 397/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.376 total
time= 0.7s
[CV 5/5; 398/400] START bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100
[CV 1/5; 397/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.421 total
time= 0.8s
[CV 1/5; 399/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196
[CV 3/5; 397/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.417 total
time= 0.7s
[CV 2/5; 399/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196
[CV 5/5; 397/400] END bootstrap=True, max_depth=None, max_features=sqrt,
min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.435 total
time= 0.7s
[CV 4/5; 397/400] END bootstrap=True, max_depth=None, max_features=sqrt,

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min_samples_leaf=2, min_samples_split=2, n_estimators=74;; score=0.377 total
time= 0.7s
[CV 3/5; 399/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196
[CV 4/5; 399/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196
[CV 5/5; 394/400] END bootstrap=True, max_depth=7, max_features=None,
min_samples_leaf=3, min_samples_split=4, n_estimators=156;; score=0.401 total
time= 2.0s
[CV 5/5; 399/400] START bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196
[CV 2/5; 398/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100;; score=0.395 total
time= 1.0s
[CV 1/5; 398/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100;; score=0.427 total
time= 1.1s
[CV 1/5; 400/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152
[CV 2/5; 400/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152
[CV 3/5; 398/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100;; score=0.368 total
time= 1.0s
[CV 3/5; 400/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152
[CV 4/5; 398/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100;; score=0.373 total
time= 1.0s
[CV 4/5; 400/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152
[CV 5/5; 398/400] END bootstrap=False, max_depth=12, max_features=sqrt,
min_samples_leaf=1, min_samples_split=5, n_estimators=100;; score=0.401 total
time= 1.0s
[CV 5/5; 400/400] START bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152
[CV 3/5; 400/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152;; score=0.406 total
time= 3.2s
[CV 1/5; 400/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152;; score=0.432 total
time= 3.3s
[CV 2/5; 400/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152;; score=0.391 total
time= 3.3s
[CV 4/5; 400/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152;; score=0.383 total
time= 3.1s

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[CV 5/5; 400/400] END bootstrap=True, max_depth=16, max_features=None,
min_samples_leaf=1, min_samples_split=4, n_estimators=152;; score=0.423 total
time= 3.1s
[CV 2/5; 399/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196;; score=0.402 total
time= 6.5s
[CV 4/5; 399/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196;; score=0.390 total
time= 6.5s
[CV 5/5; 399/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196;; score=0.412 total
time= 6.5s
[CV 1/5; 399/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196;; score=0.390 total
time= 6.8s
[CV 3/5; 399/400] END bootstrap=False, max_depth=20, max_features=None,
min_samples_leaf=2, min_samples_split=5, n_estimators=196;; score=0.380 total
time= 7.0s
```

```
[ ]: RandomizedSearchCV(cv=5,
                        estimator=RandomForestClassifier(class_weight={0: 1.2,
                                                                    1: 1.4,
                                                                    2: 1},
                                                         criterion='entropy',
                                                         min_impurity_decrease=0,
                                                         random_state=0),
                        n_iter=400, n_jobs=10,
                        param_distributions={'bootstrap': [True, False],
                                             'max_depth': [5, 5, 6, 7, 8, 8, 9, 10,
                                                           11, 12, 12, 13, 14, 15,
                                                           16, 16, 17, 18, 19, 20,
                                                           None],
                                             'max_features': ['sqrt', None],
                                             'min_samples_leaf': array([1, 2, 3]),...
                                             'n_estimators': array([ 2, 4, 6,
8, 10, 12, 14, 16, 18, 20, 22, 24, 26,
28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52,
54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78,
80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100, 102, 104,
106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130,
132, 134, 136, 138, 140, 142, 144, 146, 148, 150, 152, 154, 156,
158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182,
184, 186, 188, 190, 192, 194, 196, 198])}),
                        random_state=0, verbose=10)
```

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[ ]: random_gscv.best_params_
```

```

[ ]: {'n_estimators': 84,
      'min_samples_split': 8,
      'min_samples_leaf': 2,
      'max_features': None,
      'max_depth': 17,
      'bootstrap': True}

[ ]: random_gscv.best_score_

[ ]: 0.42343983177316513

[ ]: random_gscv.score(X_training, y_training)

[ ]: 0.887211855104281

[ ]: random_gscv.score(X_test, y_test)

[ ]: 0.42250324254215305

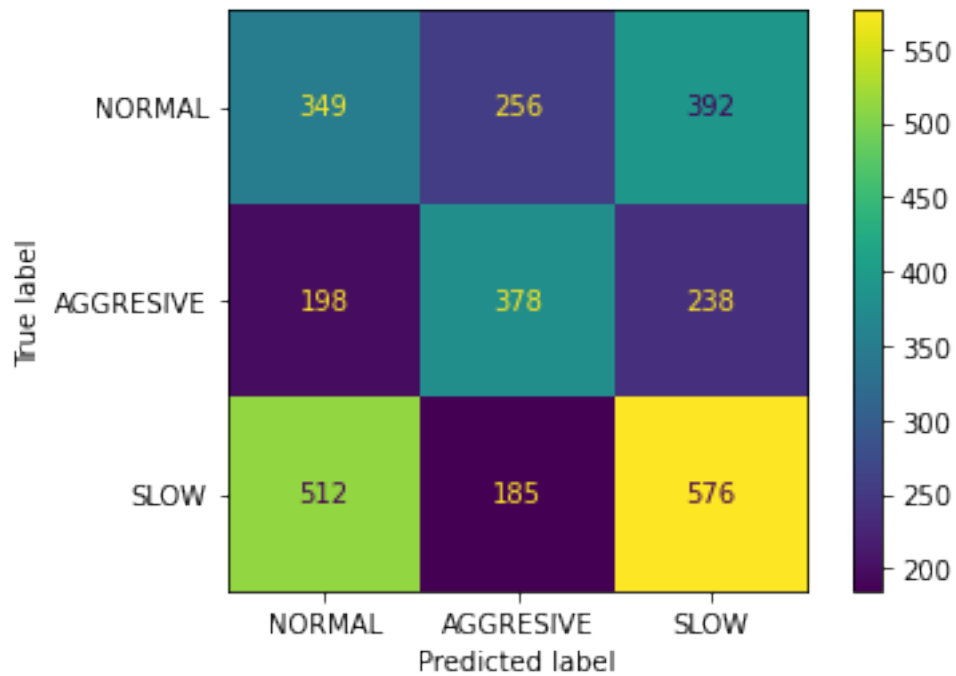
[ ]: classes = ["NORMAL", "AGGRESIVE", "SLOW"]

[ ]: y_pred = random_gscv.predict(X_test)

      CM = confusion_matrix(y_test, y_pred)
      display = ConfusionMatrixDisplay(confusion_matrix=CM,
                                         display_labels=classes)
      display.plot()

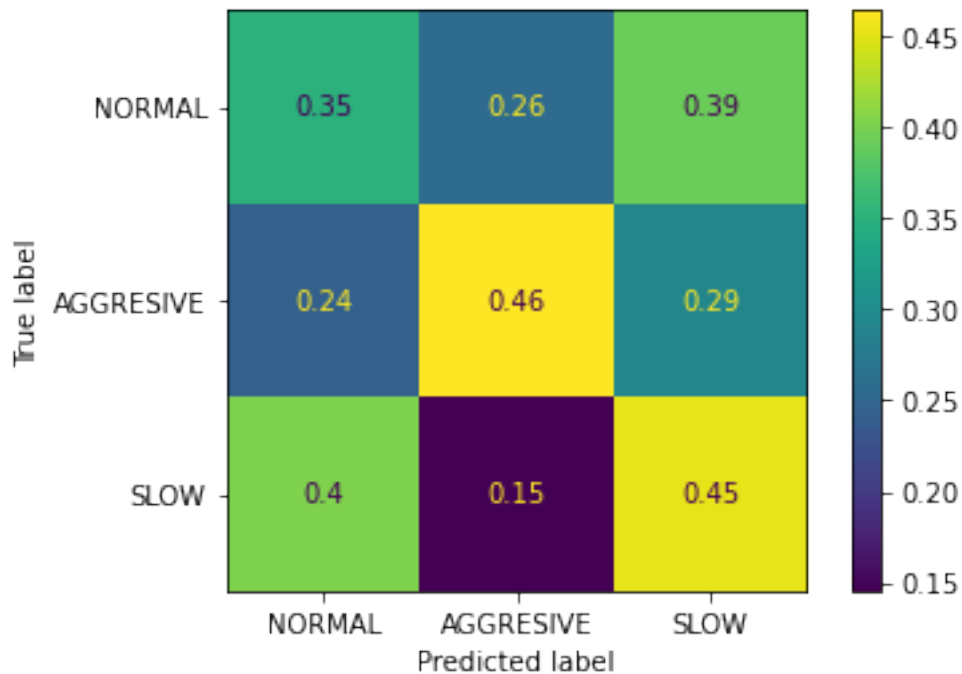
[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x297811a80>

```



```
[ ]: CM_norm = confusion_matrix(y_test, y_pred, normalize="true")
      display = ConfusionMatrixDisplay(confusion_matrix=CM_norm,
      display_labels=classes)
      display.plot()
```

```
[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x293c8f790>
```



Evaluate improvment

```
[ ]: def evaluate(model, test_features, test_labels):
    accuracy = model.score(test_features, test_labels)
    print('Model Performance')
    print('Accuracy = {:.3f}%'.format(accuracy))

    return accuracy

base_model = RandomForestClassifier(n_estimators = 10, random_state=0,
    ↪criterion="entropy", min_impurity_decrease=0, class_weight=weights)
base_model.fit(X_training, y_training)
base_accuracy = evaluate(base_model, X_test, y_test)

best_random = random_gscv.best_estimator_
random_accuracy = evaluate(best_random, X_test, y_test)

print(f'Improvement of {100 * (random_accuracy - base_accuracy) / base_accuracy:
    ↪.3f}%')
```

Model Performance

Accuracy = 0.404%.

Model Performance

Accuracy = 0.423%.

Improvement of 4.575%.

0.2 Stacking classifier

```
[ ]: from sklearn.svm import LinearSVC
      from sklearn.linear_model import LogisticRegression
      from sklearn.preprocessing import StandardScaler
      from sklearn.pipeline import make_pipeline
      from sklearn.ensemble import StackingClassifier
```

0.2.1 Load knn model

```
[ ]: import joblib

      filename = 'trained_models/knn_bagging.sav'
      knn_bagging = joblib.load(filename)
```

```
[ ]: #estimators = [('rf', random_gscv.best_estimator_), ('svr',
      ↪make_pipeline(StandardScaler(), LinSearSVC(random_state=0, max_iter=10000,
      ↪class_weight=weights)))]

      estimators = [('rf', random_gscv.best_estimator_), ('svr', knn_bagging)]

      clf = StackingClassifier(estimators=estimators,
      ↪final_estimator=LogisticRegression(max_iter=1000))
      clf.fit(X_test, y_test)
```

```
[ ]: StackingClassifier(estimators=[('rf',
      RandomForestClassifier(class_weight={0: 1.2,
      1: 1.4,
      2: 1},
      criterion='entropy',
      max_depth=17,
      max_features=None,
      min_impurity_decrease=0,
      min_samples_leaf=2,
      min_samples_split=8,
      n_estimators=84,
      random_state=0)),
      ('svr',
      BaggingClassifier(base_estimator=KNeighborsClassifier(leaf_size=20,
      n_neighbors=27),
      max_features=0.7,
      max_samples=0.8,
      random_state=0))],
      final_estimator=LogisticRegression(max_iter=1000))
```

```
[ ]: clf.score(X_training, y_training)
```

```
[ ]: 0.43633369923161364
```

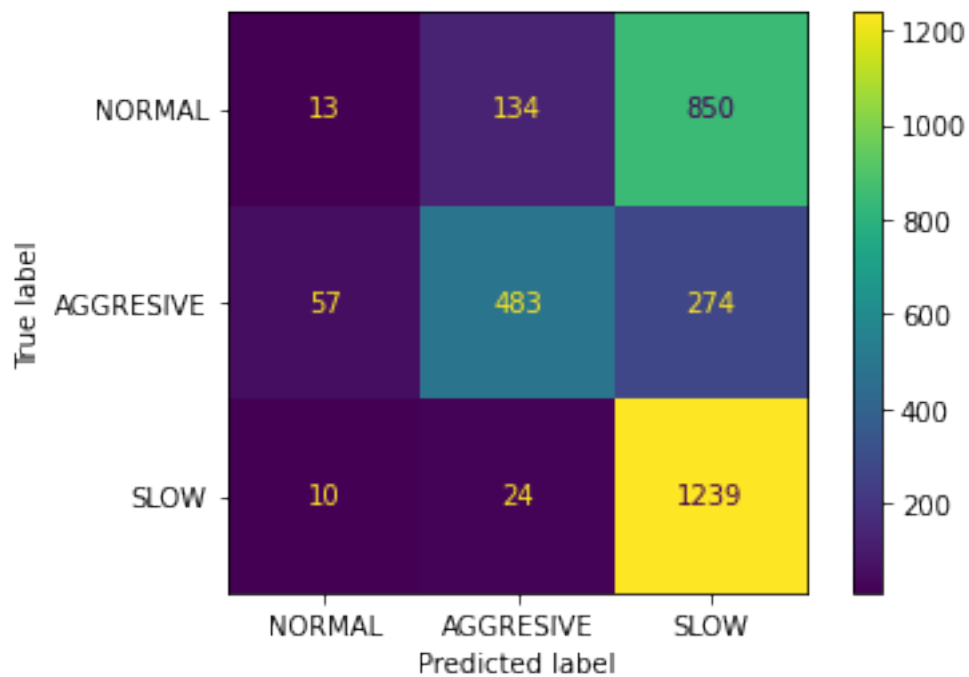
```
[ ]: clf.score(X_test, y_test)
```

```
[ ]: 0.5625810635538262
```

```
[ ]: y_pred = clf.predict(X_test)

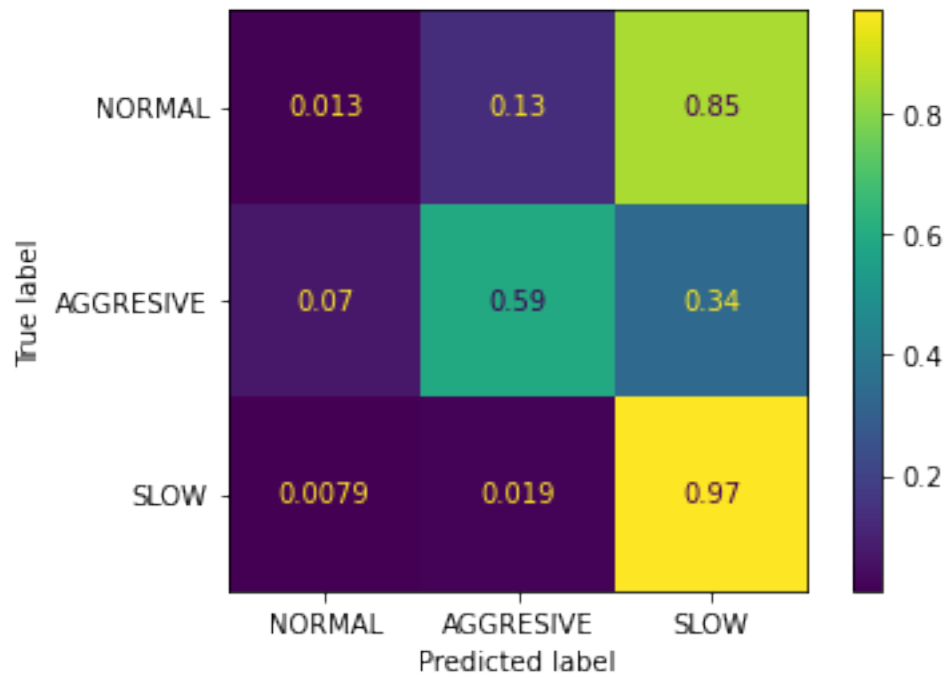
CM = confusion_matrix(y_test, y_pred)
display = ConfusionMatrixDisplay(confusion_matrix=CM,
                                display_labels=classes)
display.plot()
```

```
[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x293d346d0>
```



```
[ ]: CM_norm = confusion_matrix(y_test, y_pred, normalize="true")
display = ConfusionMatrixDisplay(confusion_matrix=CM_norm,
                                display_labels=classes)
display.plot()
```

```
[ ]: <sklearn.metrics._plot.confusion_matrix.ConfusionMatrixDisplay at 0x29341cd30>
```



[]: