

# Diabetes\_LogRegResearch

December 25, 2022

## 1 Diabetes

### 1.0.1 Attribute Information

1. Pregnancies : Number of times pregnant
2. Glucose : plasma glucose concentration a 2 hours in an oral glucose tolerance test
3. BloodPressure : Diastolic blood pressure (mm Hg)
4. SkinThickness : Triceps skin fold thickness (mm)
5. Insulin : 2-Hour serum insulin (mu U/ml)
6. BMI : Body mass index (Weight in kg/(height in m)<sup>2</sup>)
7. DiabetesPedigreeFunction : Diabetes pedigree function
8. Age : Years
9. Outcome : 0 is No , 1 is Yes

### 1.1 Objective

For the given characteristic values, the model must recognize whether the person in question has diabetes or not

```
[2]: # import librery for calculat satatic
import numpy as np

# import library for read data
import pandas as pd

# import library for display plot
import matplotlib.pyplot as plt
import seaborn as sns

# import library for processng data and machin learning
```

```

from sklearn.model_selection import train_test_split, RandomizedSearchCV, GridSearchCV
from sklearn.preprocessing import StandardScaler
from sklearn.linear_model import LogisticRegression
from sklearn import metrics

```

```

[3]: data = pd.read_csv('diabetes.csv')
data.head()

```

```

[3]:   Pregnancies  Glucose  BloodPressure  SkinThickness  Insulin   BMI   \
0           6      148            72           35          0  33.6
1           1       85            66           29          0  26.6
2           8      183            64            0          0  23.3
3           1       89            66           23          94  28.1
4           0      137            40           35         168  43.1

      DiabetesPedigreeFunction  Age  Outcome
0                0.627    50         1
1                0.351    31         0
2                0.672    32         1
3                0.167    21         0
4                2.288    33         1

```

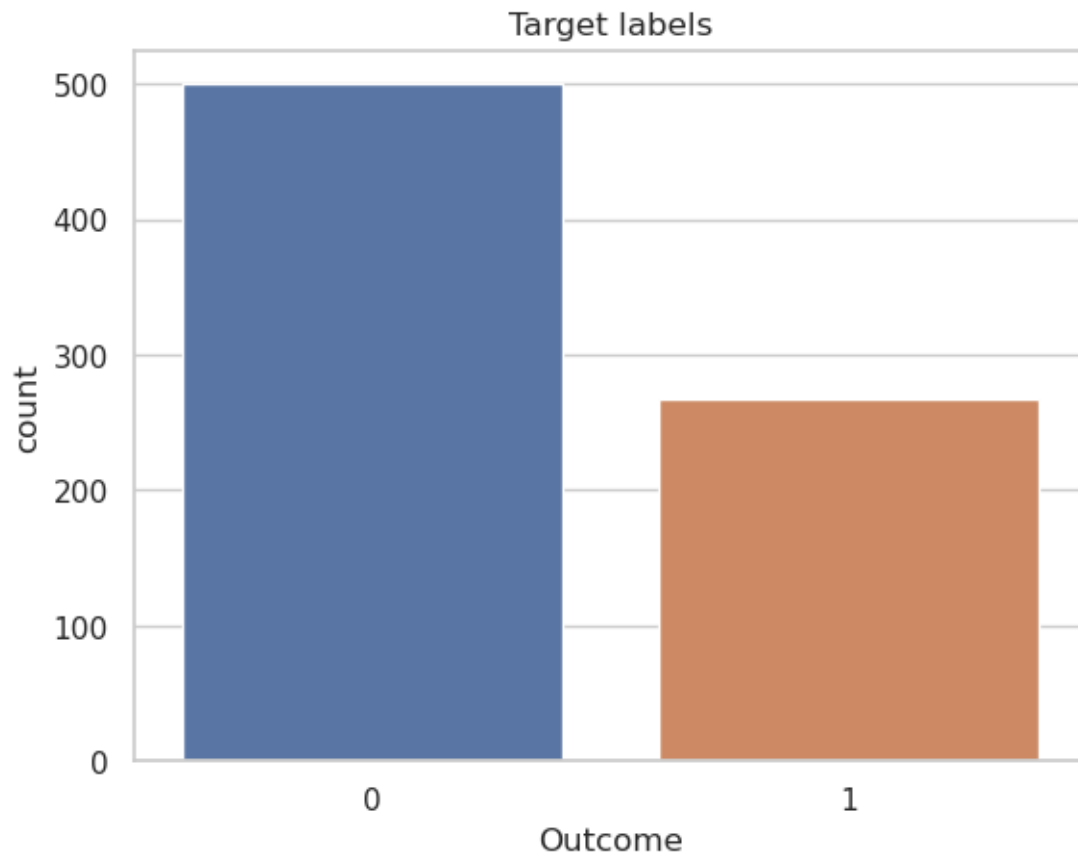
## 1.2 data analysis

### 1.2.1 1.Checking the data balance in the database

```

[4]: sns.set(style="whitegrid")
sns.countplot(x=data.Outcome)
plt.title("Target labels")
plt.show()

```



Examining the balance of data in the data set, the number of data that reflects the presence of diabetes in the patient is less than the data that indicates its absence.

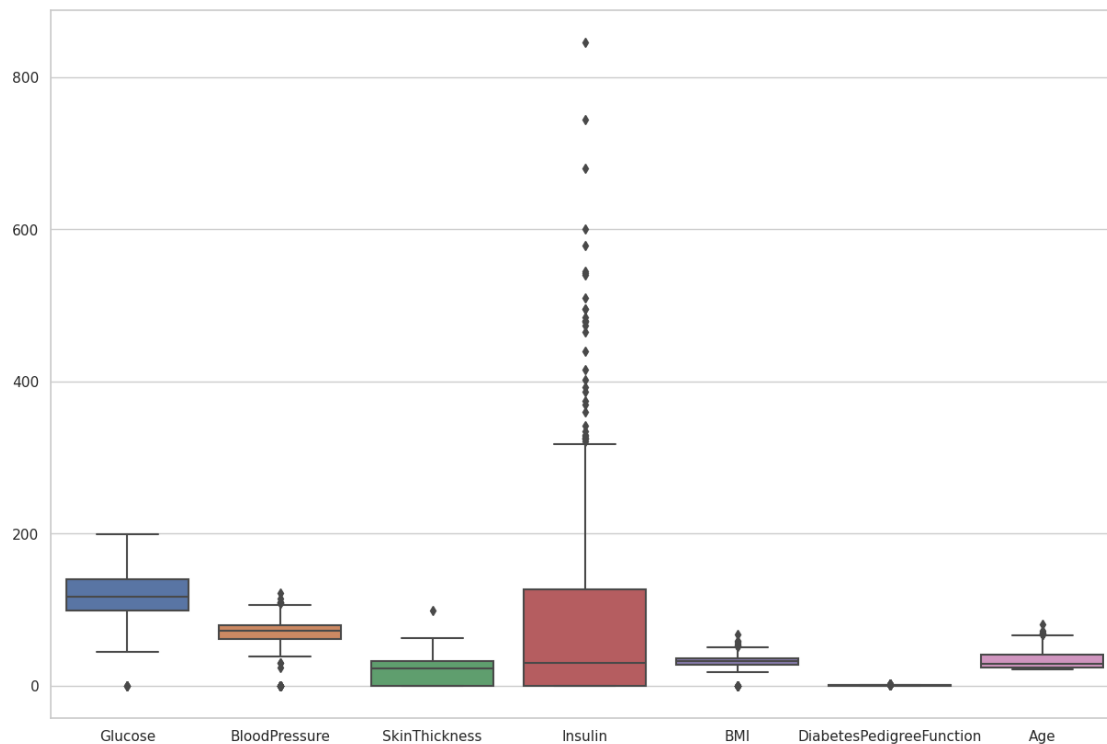
### 1.2.2 2.Check for outliers or zero values

```
[5]: data.isnull().sum()
```

```
[5]: Pregnancies      0
      Glucose          0
      BloodPressure    0
      SkinThickness    0
      Insulin          0
      BMI              0
      DiabetesPedigreeFunction  0
      Age              0
      Outcome          0
      dtype: int64
```

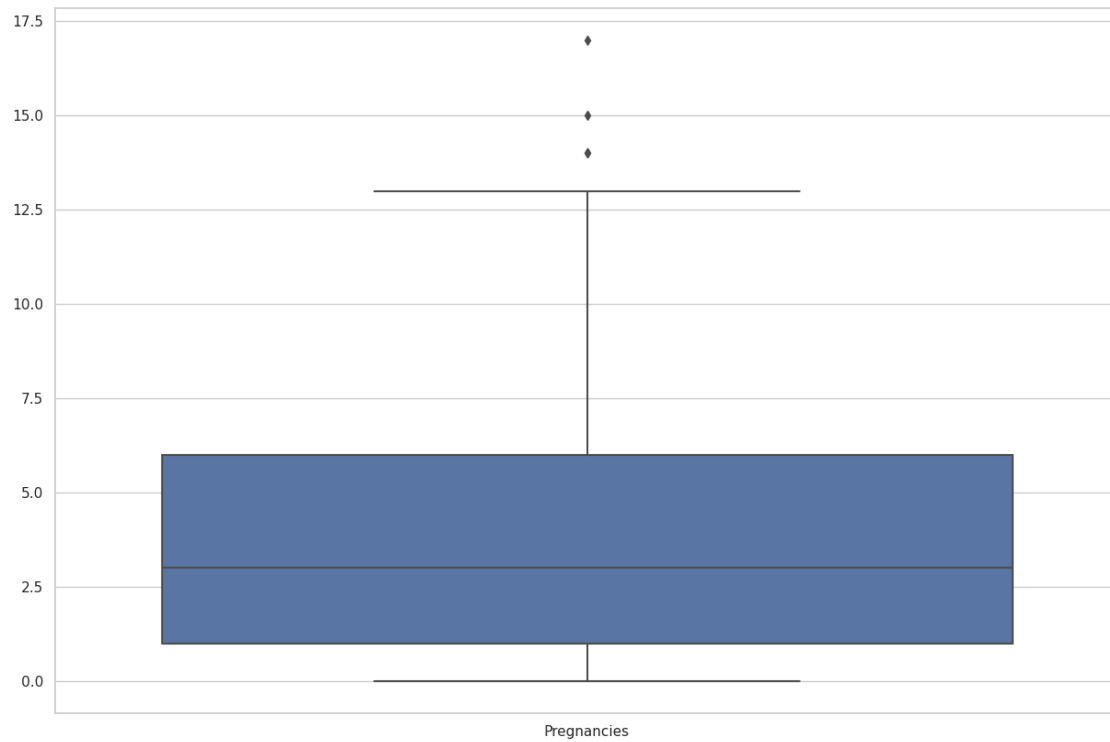
```
[6]: # coxplot for detect outliyre data
sns.set(style="whitegrid")
plt.figure(figsize=(15, 10))
sns.boxplot(data=data[['Glucose', 'BloodPressure', 'SkinThickness', 'Insulin', 'BMI', 'DiabetesPedigreeFunction', 'Age']])
```

[6]: <AxesSubplot:>



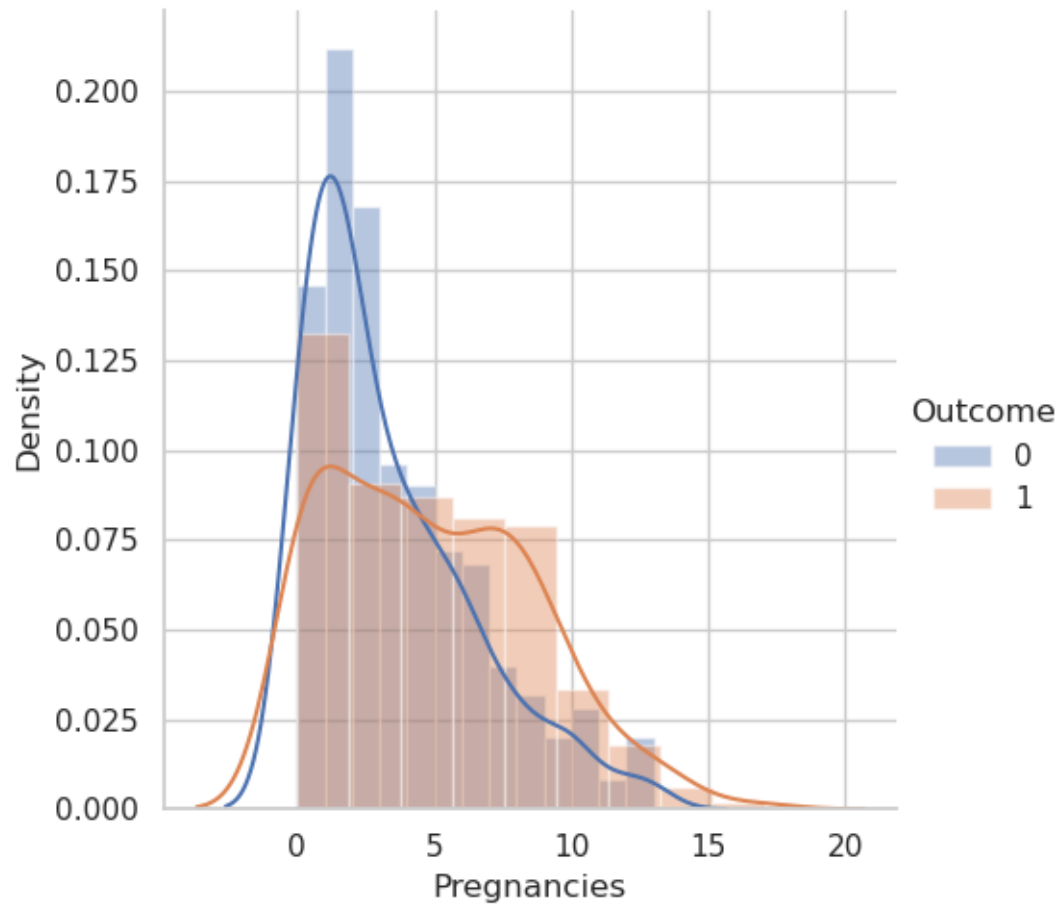
```
[7]: sns.set(style="whitegrid")
plt.figure(figsize=(15, 10))
sns.boxplot(data=data[['Pregnancies']])
```

[7]: <AxesSubplot:>

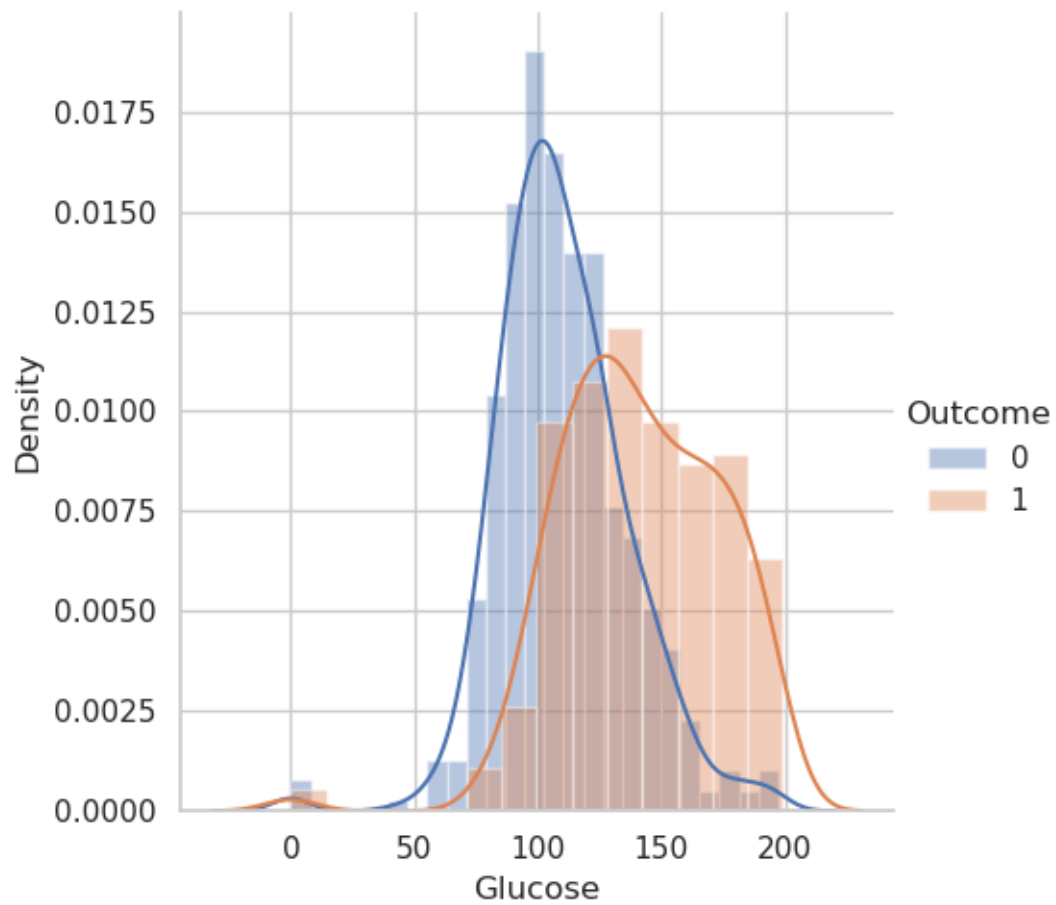


### 1.3 Take a look at some important features

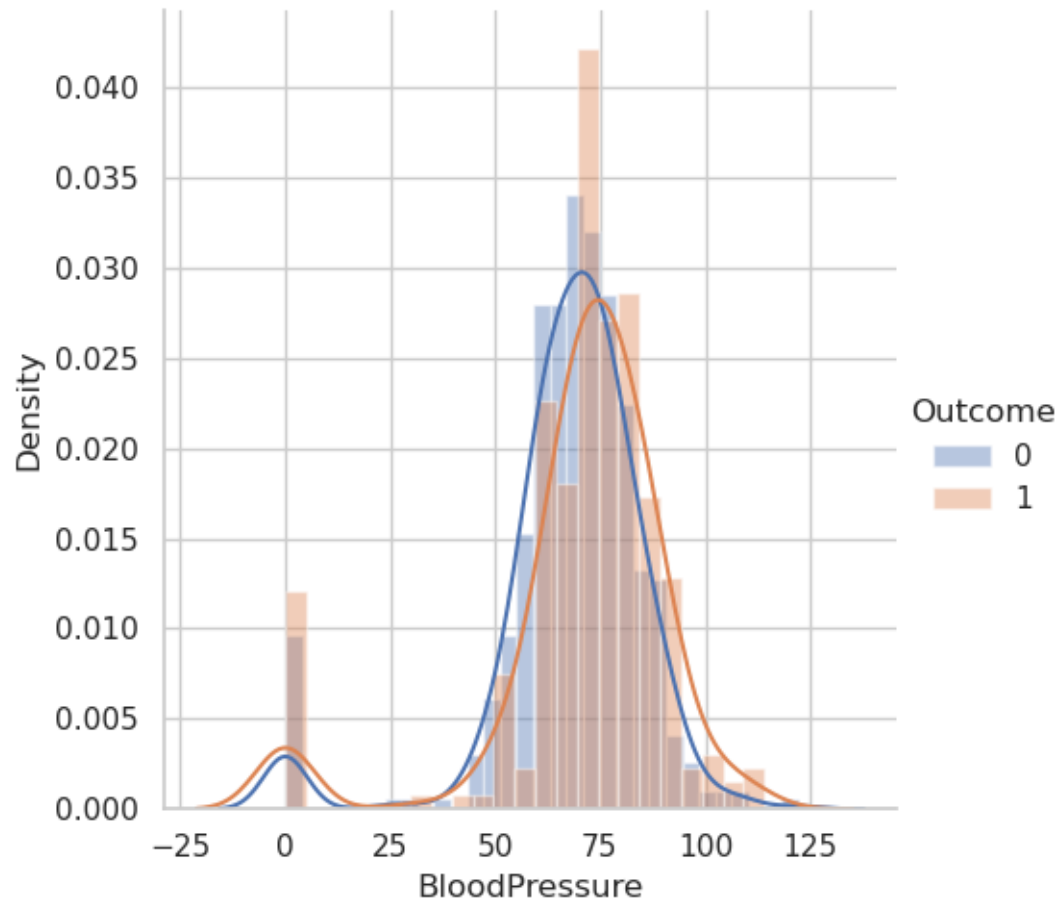
```
[8]: import warnings
warnings.filterwarnings("ignore")
sns.FacetGrid(data, hue="Outcome", size=5) \
    .map(sns.distplot, "Pregnancies") \
    .add_legend();
plt.show();
```



```
[9]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "Glucose") \
      .add_legend();
plt.show();
```

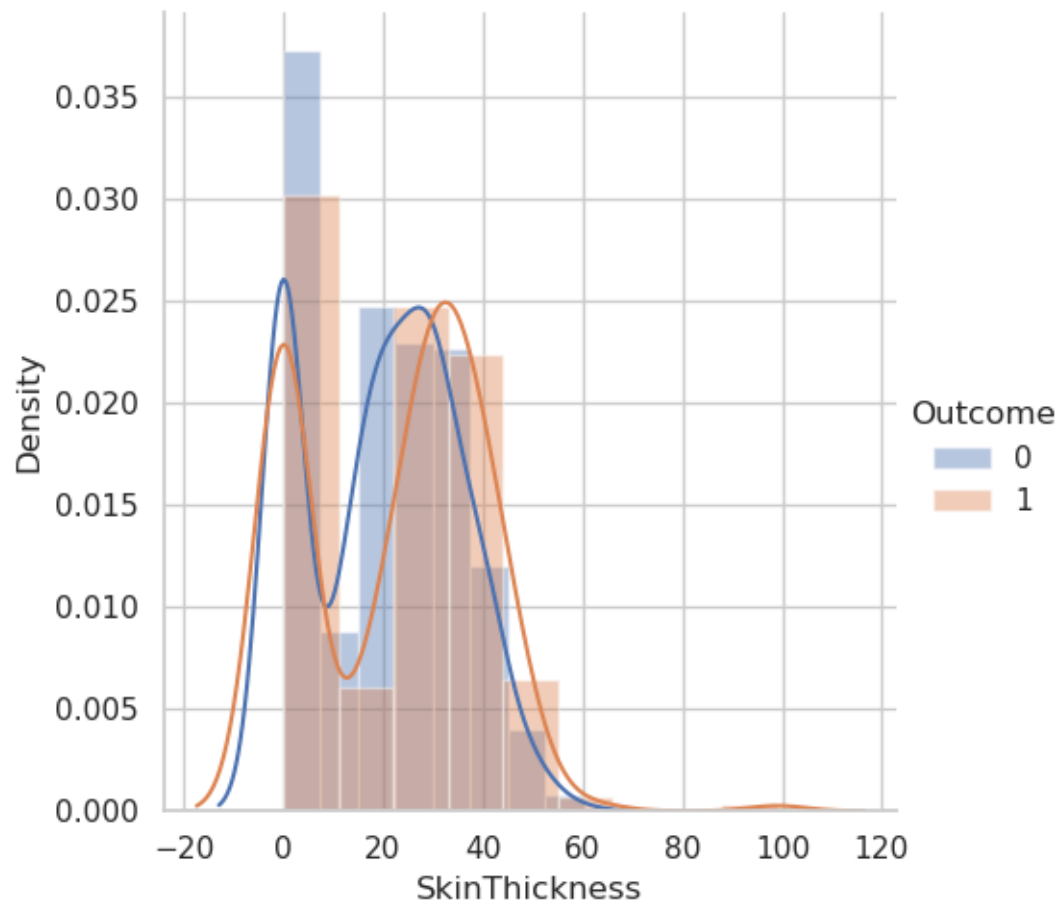


```
[10]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "BloodPressure") \
      .add_legend();
plt.show();
```

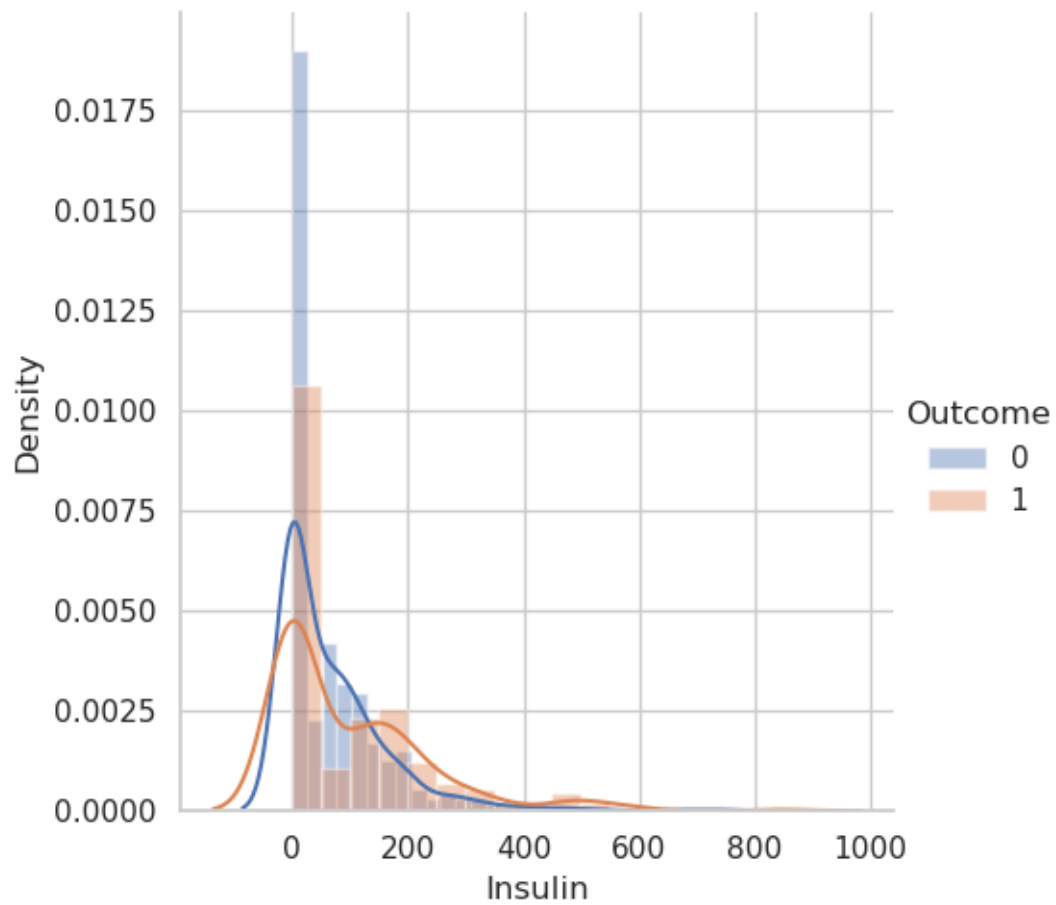


```
[11]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "SkinThickness") \
      .add_legend();
plt.show();
```

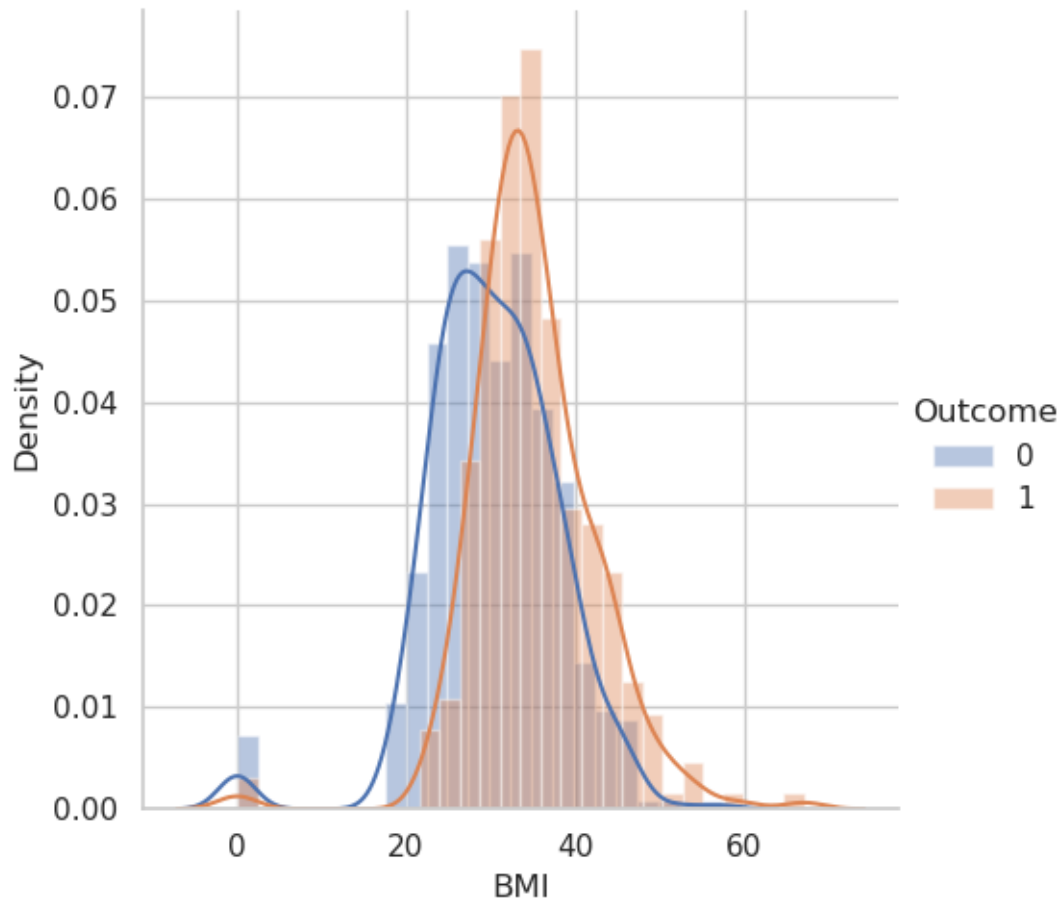




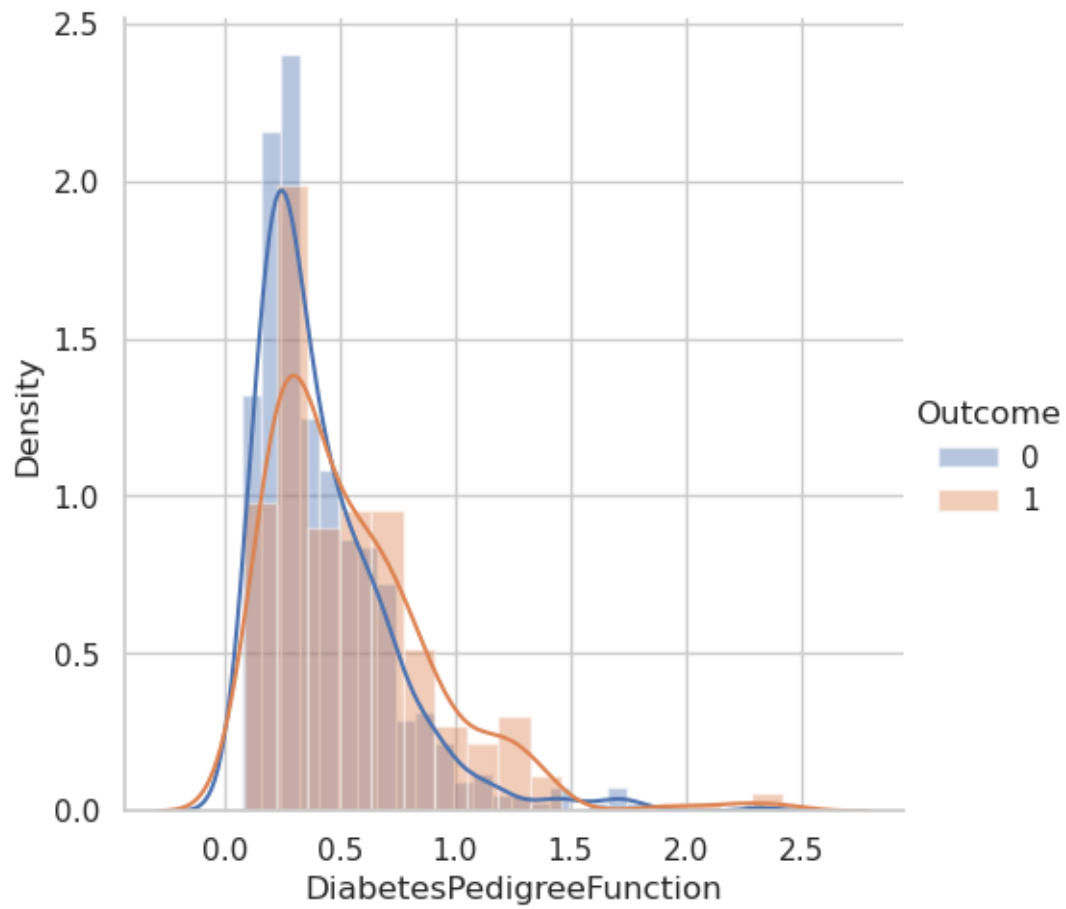
```
[12]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "Insulin") \
      .add_legend();
plt.show();
```



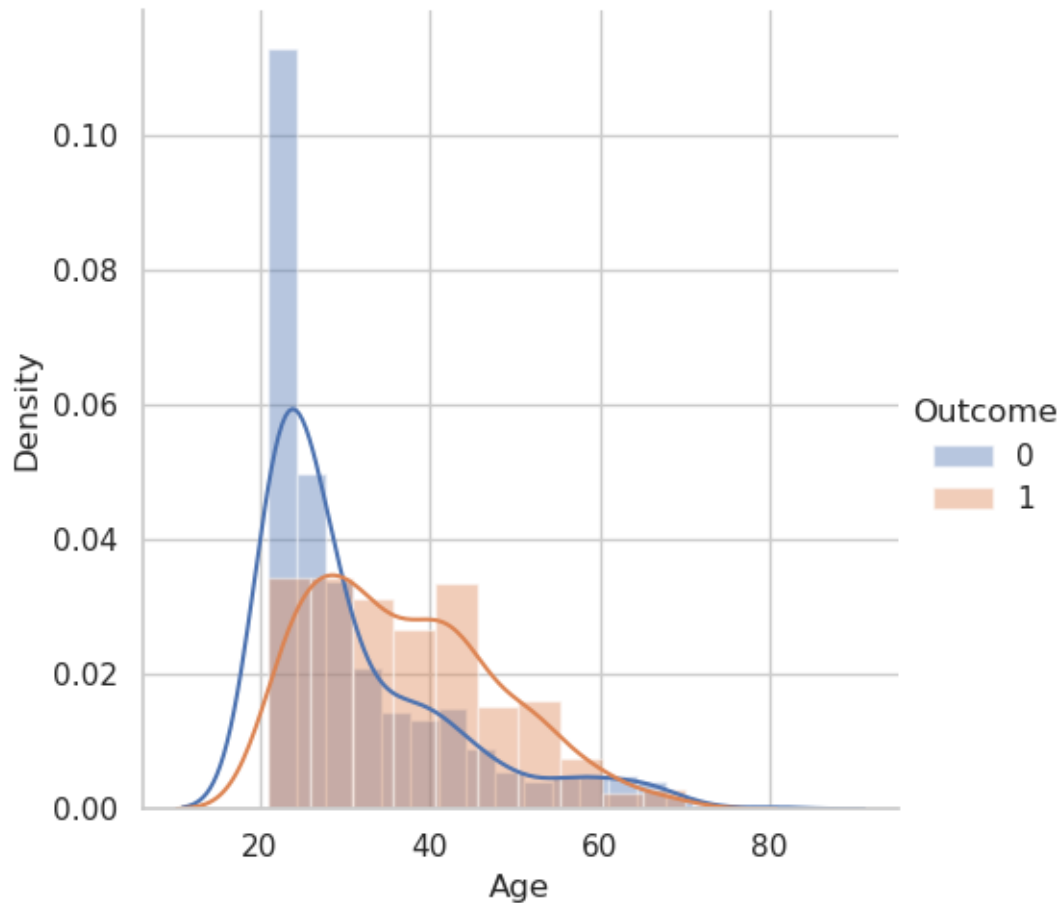
```
[13]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "BMI") \
      .add_legend();
plt.show();
```



```
[14]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "DiabetesPedigreeFunction") \
      .add_legend();
plt.show();
```



```
[15]: sns.FacetGrid(data, hue="Outcome", size=5) \
      .map(sns.distplot, "Age") \
      .add_legend();
plt.show();
```



```
[16]: Y = data.Outcome
      x = data.drop(columns=['Outcome'])

[17]: cloumns_name = data.columns.tolist()

[18]: x_train , x_test , y_train , y_test = train_test_split(x, Y , test_size=.2,
      ↪random_state=0)

[19]: scale = StandardScaler()
      x_train = scale.fit_transform(x_train)
      x_test = scale.fit_transform(x_test)

[20]: def PlotErrores(k, train, cv):
      plt.plot(k, train, label='Trian Error')
      plt.plot(k, cv, label='cv Error')
      plt.title('Errors plot for Train and validation data')
      plt.xlabel("Error(C)= Error(Trian)")
      plt.ylabel("Error")
```

```
plt.legend()
plt.grid()
plt.show
```

```
[21]: def evaluate_this_model(clf):
        print("Your model parameters are as below:\n")
        print(clf)

        ↪print("-----")
        print("\nTest and train results for this model:")

        train_mse = metrics.mean_squared_error(y_train, clf.predict_proba(x_train)[:
        ↪,1])
        test_mse = metrics.mean_squared_error(y_test, clf.predict_proba(x_test)[:
        ↪,1])
        print("\ntrain_mse on train data is :{}".format(train_mse))
        print("test_mse on test data is :{}\n ".format(test_mse))

        ↪print("-----")
        print("Weight vector for this model is :\n\n{}".format(clf.coef_[0]))

        ↪print("-----")
        print("\nFeatures and its corresponding weights\n")
        feature_weights=sorted(zip(clf.coef_[0],cloumns_name),reverse = True)
        [print(i) for i in feature_weights]
```

```
[22]: clf = LogisticRegression()
        clf
```

```
[22]: LogisticRegression()
```

## 1.4 C:

A high value of C tells the model to give more weight to the training data. A lower value of C will indicate the model to give complexity more weight at the cost of fitting the data. Thus, a high Hyper Parameter value C indicates that training data is more important and reflects the real world data, whereas low value is just the opposite of this.

```
[23]: # case 1:
        # ' ' = 0.001 checking with small value
        Lambda = 0.001
        clf = LogisticRegression(C=1/Lambda )
        clf.fit(x_train, y_train)
        evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=1000.0)
```

---

Test and train results for this model:

```
train_mse on train data is :0.15795718517366034
test_mse on test data is :0.13538299195138653
```

---

Weight vector for this model is :

```
[ 0.31466197  1.07875511 -0.26845905  0.07102953 -0.1664169  0.69550379
 0.29832364  0.23941786]
```

---

Features and its corresponding weights

```
(1.0787551051197584, 'Glucose')
(0.6955037856912938, 'BMI')
(0.31466197370050836, 'Pregnancies')
(0.298323641250295, 'DiabetesPedigreeFunction')
(0.2394178585641692, 'Age')
(0.07102953402867122, 'SkinThickness')
(-0.16641690140266358, 'Insulin')
(-0.2684590491252512, 'BloodPressure')
```

```
[24]: # case 2 :
      Lambda = 100000
      clf = LogisticRegression(C=1/Lambda) #instantiating LR into "clf" with lambda =
      ↪ 9000 (large value)
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=1e-05)
```

---

Test and train results for this model:

```
train_mse on train data is :0.23008941421526483
test_mse on test data is :0.21474391705619186
```

---

Weight vector for this model is :

```
[0.00057021 0.00135064 0.0001686  0.00025892 0.00035175 0.00089334
```

0.00048009 0.00070236]

---

Features and its corresponding weights

```
(0.0013506443598291231, 'Glucose')
(0.0008933382356195108, 'BMI')
(0.000702357500979282, 'Age')
(0.0005702063440126121, 'Pregnancies')
(0.00048009433082739307, 'DiabetesPedigreeFunction')
(0.0003517462065999939, 'Insulin')
(0.00025892313903015673, 'SkinThickness')
(0.00016859594031201755, 'BloodPressure')
```

```
[37]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda, intercept_scaling=0, fit_intercept=False)
      clf.fit(x_train, y_train)
      # evaluate_this_model(clf)

      print("Intercept value is: {}".format(clf.intercept_))
      print("\nAnd weights vaector is : ")
      (clf.coef_[0])
```

Intercept value is: [0.]

And weights vaector is :

```
[37]: array([ 0.15986499,  0.48306596, -0.0588043 ,  0.03656091,  0.01725925,
            0.30095084,  0.14990233,  0.17385045])
```

```
[26]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda, intercept_scaling=1, fit_intercept=True)
      clf.fit(x_train, y_train)
      #evaluate_this_model(clf)

      print("Intercept value is: {}".format(clf.intercept_))
      print("\nAnd weights vaector is : ")
      (clf.coef_[0])
```

Intercept value is: [-0.65246689]

And weights vaector is :

```
[26]: array([ 0.16718168,  0.49874661, -0.05323102,  0.03674873,  0.01985162,
            0.32286742,  0.14895885,  0.18617941])
```

```
[27]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda, intercept_scaling=100, fit_intercept=True)
```



```

clf.fit(x_train, y_train)
#evaluate_this_model(clf)

print("Intercept value is: {}".format(clf.intercept_))
print("\nAnd weights vaector is : ")
(clf.coef_[0])

```

Intercept value is: [-0.65246689]

And weights vaector is :

```
[27]: array([ 0.16718168,  0.49874661, -0.05323102,  0.03674873,  0.01985162,
            0.32286742,  0.14895885,  0.18617941])
```

```
[28]: Lambda = 100
clf = LogisticRegression(C=1/
    ↳ Lambda,intercept_scaling=10000000,fit_intercept=True)
clf.fit(x_train, y_train)
#evaluate_this_model(clf)

print("Intercept value is: {}".format(clf.intercept_))
print("\nAnd weights vaector is : ")
(clf.coef_[0])

```

Intercept value is: [-0.65246689]

And weights vaector is :

```
[28]: array([ 0.16718168,  0.49874661, -0.05323102,  0.03674873,  0.01985162,
            0.32286742,  0.14895885,  0.18617941])
```

```
[29]: Lambda = 100
clf = LogisticRegression(C=1/Lambda,tol=1)
clf.fit(x_train, y_train)
evaluate_this_model(clf)

```

Your model parameters are as below:

LogisticRegression(C=0.01, tol=1)

Test and train results for this model:

```

train_mse on train data is :0.17052034918557826
test_mse on test data is :0.15256090624771312

```

Weight vector for this model is :

```
[ 0.16768922  0.4985355 -0.05299337  0.03649925  0.01943479  0.322247
 0.14871498  0.18652299]
```

---

Features and its corresponding weights

```
(0.4985355014837933, 'Glucose')
(0.32224699564161713, 'BMI')
(0.1865229923167693, 'Age')
(0.1676892191969995, 'Pregnancies')
(0.14871497691399838, 'DiabetesPedigreeFunction')
(0.03649925416375508, 'SkinThickness')
(0.01943479397151739, 'Insulin')
(-0.052993365238346385, 'BloodPressure')
```

```
[30]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda, tol=1e-15 )
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, tol=1e-15)
```

---

Test and train results for this model:

```
train_mse on train data is :0.17050367612954725
```

```
test_mse on test data is :0.1525616429149826
```

---

Weight vector for this model is :

```
[ 0.16718168  0.49874661 -0.05323102  0.03674873  0.01985162  0.32286742
 0.14895885  0.18617941]
```

---

Features and its corresponding weights

```
(0.4987466125551641, 'Glucose')
(0.3228674182889638, 'BMI')
(0.18617940945900158, 'Age')
(0.16718168395018154, 'Pregnancies')
(0.1489588475512515, 'DiabetesPedigreeFunction')
(0.036748727138073804, 'SkinThickness')
(0.019851618062687416, 'Insulin')
(-0.05323102247942027, 'BloodPressure')
```

```
[31]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda,max_iter =1000, tol=1e-3)
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, max_iter=1000, tol=0.001)
```

---

Test and train results for this model:

```
train_mse on train data is :0.17050367612954725
test_mse on test data is :0.1525616429149826
```

---

Weight vector for this model is :

```
[ 0.16718168  0.49874661 -0.05323102  0.03674873  0.01985162  0.32286742
  0.14895885  0.18617941]
```

---

Features and its corresponding weights

```
(0.4987466125551641, 'Glucose')
(0.3228674182889638, 'BMI')
(0.18617940945900158, 'Age')
(0.16718168395018154, 'Pregnancies')
(0.1489588475512515, 'DiabetesPedigreeFunction')
(0.036748727138073804, 'SkinThickness')
(0.019851618062687416, 'Insulin')
(-0.05323102247942027, 'BloodPressure')
```

```
[32]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda,max_iter =1000, tol=3 )
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, max_iter=1000, tol=3)
```

---

Test and train results for this model:

```
train_mse on train data is :0.17055032175444967
test_mse on test data is :0.15303685045930965
```

-----  
Weight vector for this model is :

```
[ 0.1640252  0.49640871 -0.05817921  0.03370281  0.01657851  0.32128966  
 0.1483897  0.18215203]
```

-----

Features and its corresponding weights

```
(0.4964087099672619, 'Glucose')  
(0.32128966157458155, 'BMI')  
(0.18215203199685015, 'Age')  
(0.16402520128860762, 'Pregnancies')  
(0.14838969645029002, 'DiabetesPedigreeFunction')  
(0.03370281031553325, 'SkinThickness')  
(0.016578507813826533, 'Insulin')  
(-0.05817920810870426, 'BloodPressure')
```

```
[33]: Lambda = 100  
      clf = LogisticRegression(C=1/Lambda,solver='saga')  
      clf.fit(x_train, y_train)  
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, solver='saga')
```

-----

Test and train results for this model:

```
train_mse on train data is :0.1705026509208657  
test_mse on test data is :0.1525604704574606
```

-----

Weight vector for this model is :

```
[ 0.16718956  0.49874577 -0.05322896  0.03672744  0.01986089  0.32292364  
 0.14894492  0.18620206]
```

-----

Features and its corresponding weights

```
(0.4987457721199876, 'Glucose')  
(0.32292363984737543, 'BMI')  
(0.1862020564417397, 'Age')  
(0.16718956222810444, 'Pregnancies')  
(0.1489449178334349, 'DiabetesPedigreeFunction')  
(0.03672743559351139, 'SkinThickness')
```

```
(0.019860885304815536, 'Insulin')
(-0.05322895813191221, 'BloodPressure')
```

```
[34]: Lambda = 100
      clf = LogisticRegression(C=1/Lambda,solver='sag')
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, solver='sag')
```

Test and train results for this model:

```
train_mse on train data is :0.17050290471139126
test_mse on test data is :0.15256540664345566
```

Weight vector for this model is :

```
[ 0.16716168  0.49872873 -0.05324764  0.03672383  0.0198617   0.32288965
 0.14893962  0.18618452]
```

Features and its corresponding weights

```
(0.4987287260056317, 'Glucose')
(0.32288965157525507, 'BMI')
(0.18618451571362968, 'Age')
(0.16716168174391918, 'Pregnancies')
(0.14893961836476474, 'DiabetesPedigreeFunction')
(0.03672382966892146, 'SkinThickness')
(0.01986169599741442, 'Insulin')
(-0.05324763695240225, 'BloodPressure')
```

## 1.5 Solver

Sklearn can solve the objective function in different ways. It can use different algorithms for the same optimization. Sklearn enables to choose the type of algorithm by operating the “solver” parameter, “solver” parameter can take ‘newton-cg’, ‘lbfgs’, ‘liblinear’, ‘sag’, ‘saga’ which are the different-different algorithmic style to optimize the objective function. Default solver is ‘liblinear’.

```
[35]: Norm = "l2" #("l2" is default norm value)
      Lambda = 100
      clf = LogisticRegression(penalty=Norm)
      clf.fit(x_train, y_train)
```

```
evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression()
```

Test and train results for this model:

```
train_mse on train data is :0.15797591673817685
```

```
test_mse on test data is :0.1355634444175751
```

Weight vector for this model is :

```
[ 0.3097449  1.06006236 -0.26057825  0.06865213 -0.15816976  0.68419394
 0.29353764  0.2396453 ]
```

Features and its corresponding weights

```
(1.0600623648941103, 'Glucose')
(0.6841939361543967, 'BMI')
(0.3097448985378394, 'Pregnancies')
(0.29353764328245446, 'DiabetesPedigreeFunction')
(0.23964529969301163, 'Age')
(0.06865212841213948, 'SkinThickness')
(-0.15816975827982854, 'Insulin')
(-0.26057825486892777, 'BloodPressure')
```

```
[36]: Norm = "l1"
Lambda = 100
clf = LogisticRegression(penalty=Norm,C=1/Lambda)
clf.fit(x_train, y_train)
evaluate_this_model(clf)
```

```
-----
ValueError                                Traceback (most recent call last)
/tmp/ipykernel_4089/1468247990.py in <module>
      2 Lambda = 100
      3 clf = LogisticRegression(penalty=Norm,C=1/Lambda)
----> 4 clf.fit(x_train, y_train)
      5 evaluate_this_model(clf)

~/anaconda3/lib/python3.9/site-packages/sklearn/linear_model/_logistic.py in
fit(self, X, y, sample_weight)
    1459         The SAGA solver supports both float64 and float32 bit arrays.
```

```

1460         """
-> 1461         solver = _check_solver(self.solver, self.penalty, self.dual)
1462
1463         if not isinstance(self.C, numbers.Number) or self.C < 0:

~/anaconda3/lib/python3.9/site-packages/sklearn/linear_model/_logistic.py in
-> _check_solver(solver, penalty, dual)
    445
    446     if solver not in ["liblinear", "saga"] and penalty not in ("l2",
-> "none"):
--> 447         raise ValueError(
    448             "Solver %s supports only 'l2' or 'none' penalties, got %s"
-> penalty."
    449             % (solver, penalty)

ValueError: Solver lbfgs supports only 'l2' or 'none' penalties, got l1 penalty

```

```

[38]: Norm = "elasticnet"
Lambda = 100
algo_style="saga"

clf = LogisticRegression(penalty=Norm,C=1/Lambda,l1_ratio =0.3,solver =
-> algo_style)

clf.fit(x_train, y_train)
evaluate_this_model(clf)

```

Your model parameters are as below:

```
LogisticRegression(C=0.01, l1_ratio=0.3, penalty='elasticnet', solver='saga')
```

Test and train results for this model:

```
train_mse on train data is :0.1797127364855413
test_mse on test data is :0.1634577377922807
```

Weight vector for this model is :

```
[0.06426043 0.45830153 0.          0.          0.          0.22418728
 0.0310738  0.09033405]
```

Features and its corresponding weights

```
(0.4583015316838586, 'Glucose')
```

```
(0.22418728264881238, 'BMI')
(0.09033405081706687, 'Age')
(0.06426042819425952, 'Pregnancies')
(0.03107379531393958, 'DiabetesPedigreeFunction')
(0.0, 'SkinThickness')
(0.0, 'Insulin')
(0.0, 'BloodPressure')
```

```
[39]: Norm = "elasticnet"
Lambda = 100
algo_style="saga"

clf = LogisticRegression(penalty=Norm,C=1/Lambda,l1_ratio =0.8,solver =_
↳algo_style)

clf.fit(x_train, y_train)
evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, l1_ratio=0.8, penalty='elasticnet', solver='saga')
```

---

Test and train results for this model:

```
train_mse on train data is :0.20082256555187286
test_mse on test data is :0.18429834913871657
```

---

Weight vector for this model is :

```
[0.          0.34957009 0.          0.          0.          0.
 0.          0.          ]
```

---

Features and its corresponding weights

```
(0.34957008788281596, 'Glucose')
(0.0, 'SkinThickness')
(0.0, 'Pregnancies')
(0.0, 'Insulin')
(0.0, 'DiabetesPedigreeFunction')
(0.0, 'BloodPressure')
(0.0, 'BMI')
(0.0, 'Age')
```



```
[40]: Norm = "elasticnet"
      Lambda = 100
      algo_style="saga"

      clf = LogisticRegression(penalty=Norm,C=1/Lambda,l1_ratio =1,solver =_
      ↪algo_style)

      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(C=0.01, l1_ratio=1, penalty='elasticnet', solver='saga')
```

---

Test and train results for this model:

```
train_mse on train data is :0.20777047170369303
test_mse on test data is :0.1914814502976221
```

---

Weight vector for this model is :

```
[0.          0.25260058 0.          0.          0.          0.
 0.          0.          ]
```

---

Features and its corresponding weights

```
(0.2526005789627625, 'Glucose')
(0.0, 'SkinThickness')
(0.0, 'Pregnancies')
(0.0, 'Insulin')
(0.0, 'DiabetesPedigreeFunction')
(0.0, 'BloodPressure')
(0.0, 'BMI')
(0.0, 'Age')
```

```
[41]: Lambda =100
      clf = LogisticRegression(C=1/Lambda,dual=True)
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

---

```
ValueError                                Traceback (most recent call last)
/tmp/ipykernel_4089/4123572950.py in <module>
      1 Lambda =100
```

```

2 clf = LogisticRegression(C=1/Lambda,dual=True)
----> 3 clf.fit(x_train, y_train)
4 evaluate_this_model(clf)

~/anaconda3/lib/python3.9/site-packages/sklearn/linear_model/_logistic.py in
-> fit(self, X, y, sample_weight)
1459         The SAGA solver supports both float64 and float32 bit arrays.
1460         """
-> 1461         solver = _check_solver(self.solver, self.penalty, self.dual)
1462
1463         if not isinstance(self.C, numbers.Number) or self.C < 0:

~/anaconda3/lib/python3.9/site-packages/sklearn/linear_model/_logistic.py in
-> _check_solver(solver, penalty, dual)
450     )
451     if solver != "liblinear" and dual:
--> 452         raise ValueError(
453             "Solver %s supports only dual=False, got dual=%s" % (solver
-> dual)
454         )

ValueError: Solver lbfgs supports only dual=False, got dual=True

```

Solver lbfgs supports only dual=False, got dual=True

## 1.6 Class\_weight

Generally, when we have imbalanced data, we need to take care of it by applying techniques like over-sampling/under-sampling, when we use sklearn library for modelling we can develop the same impact of balancing using class\_weight parameter.

When the data have imbalanced classes, we will set class\_weight = 'balanced'. So that the model will assume that it is fitting on balanced data. This parameter also accepts input in dict format class\_weight = {class\_label: weight} where we can explicitly define the balanced ratio to the classes.

```

[42]: Lambda =100
      clf = LogisticRegression(C=1/Lambda,dual=False)
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)

```

Your model parameters are as below:

```
LogisticRegression(C=0.01)
```

Test and train results for this model:

```
train_mse on train data is :0.17050367612954725
test_mse on test data is :0.1525616429149826
```

---

Weight vector for this model is :

```
[ 0.16718168  0.49874661 -0.05323102  0.03674873  0.01985162  0.32286742
 0.14895885  0.18617941]
```

---

Features and its corresponding weights

```
(0.4987466125551641, 'Glucose')
(0.3228674182889638, 'BMI')
(0.18617940945900158, 'Age')
(0.16718168395018154, 'Pregnancies')
(0.1489588475512515, 'DiabetesPedigreeFunction')
(0.036748727138073804, 'SkinThickness')
(0.019851618062687416, 'Insulin')
(-0.05323102247942027, 'BloodPressure')
```

```
[43]: clf = LogisticRegression(class_weight = 'balanced')
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(class_weight='balanced')
```

---

Test and train results for this model:

```
train_mse on train data is :0.1677810838406024
test_mse on test data is :0.15729994884704088
```

---

Weight vector for this model is :

```
[ 0.30148674  1.02964895 -0.24757564  0.05490397 -0.14541732  0.70761264
 0.31526792  0.29568156]
```

---

Features and its corresponding weights

```
(1.0296489471608241, 'Glucose')
(0.7076126403133675, 'BMI')
(0.3152679169787378, 'DiabetesPedigreeFunction')
(0.30148674325694713, 'Pregnancies')
```

```
(0.29568155786763833, 'Age')
(0.05490396544022954, 'SkinThickness')
(-0.1454173228908264, 'Insulin')
(-0.24757564303488916, 'BloodPressure')
```

```
[44]: clf = LogisticRegression(class_weight = None)
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression()
```

-----

Test and train results for this model:

```
train_mse on train data is :0.15797591673817685
test_mse on test data is :0.1355634444175751
```

-----

Weight vector for this model is :

```
[ 0.3097449   1.06006236 -0.26057825  0.06865213 -0.15816976  0.68419394
  0.29353764  0.2396453 ]
```

-----

Features and its corresponding weights

```
(1.0600623648941103, 'Glucose')
(0.6841939361543967, 'BMI')
(0.3097448985378394, 'Pregnancies')
(0.29353764328245446, 'DiabetesPedigreeFunction')
(0.23964529969301163, 'Age')
(0.06865212841213948, 'SkinThickness')
(-0.15816975827982854, 'Insulin')
(-0.26057825486892777, 'BloodPressure')
```

```
[45]: clf = LogisticRegression(class_weight={1:1, 0:1})
      clf.fit(x_train, y_train)
      evaluate_this_model(clf)
```

Your model parameters are as below:

```
LogisticRegression(class_weight={0: 1, 1: 1})
```

-----

Test and train results for this model:

```
train_mse on train data is :0.15797591673817685
test_mse on test data is :0.1355634444175751
```

-----

Weight vector for this model is :

```
[ 0.3097449  1.06006236 -0.26057825  0.06865213 -0.15816976  0.68419394
 0.29353764  0.2396453 ]
```

-----

Features and its corresponding weights

```
(1.0600623648941103, 'Glucose')
(0.6841939361543967, 'BMI')
(0.3097448985378394, 'Pregnancies')
(0.29353764328245446, 'DiabetesPedigreeFunction')
(0.23964529969301163, 'Age')
(0.06865212841213948, 'SkinThickness')
(-0.15816975827982854, 'Insulin')
(-0.26057825486892777, 'BloodPressure')
```

## 1.7 dual:

The objective function so far that we have seen is called a primal formulation, there is another formulation for LR objective function using Lagrange multipliers which also called as Dual formulation. In sklearn, we have a facility to use both dual and primal formulation by using “dual”, which is again a functional parameter. By setting “dual = True” the algorithm solves dual formulation, by default it is False which in mean it uses primal formulation. Typically we prefer dual=False when no. of samples > no. of features. Please note that dual formulation is only implemented for penalty = ‘l2’ with solver = ‘liblinear’

## 1.8 n\_jobs :

This parameter gives the facility to run the fitting job in parallel. If you choose n\_jobs = 2 then 2 cores in your system work parallelly for the same task. When you choose n\_jobs = -1 all the cores in the system will work parallelly and thus helps in reducing the computation time.

```
[46]: clf = LogisticRegression(n_jobs=-1, verbose=-1)
      clf.fit(x_train, y_train)
      #evaluate_this_model(clf)
```

```
[Parallel(n_jobs=-1)]: Using backend LokyBackend with 4 concurrent workers.
[Parallel(n_jobs=-1)]: Done 1 out of 1 | elapsed: 2.0s finished
```

```
[46]: LogisticRegression(n_jobs=-1, verbose=-1)
```

### 1.9 random\_state :

This ensures the algorithm to control the randomness, the value we give to `random_state` is used as a seed to the random number generator. This will make sure the all the randomness involved in the algorithm are generated in the same order.

### 1.10 multi\_class :

If we have a binary class label then sklearn automatically fits the data with one vs rest(ovr) strategy. If in case we have multi-label in our data then we select the “multinomial” option which internally tries to reduce multinomial log-loss.

### 1.11 verbose:

This parameter is used to get the verbosity of the algorithm. It helps to display the produced messages during its optimization. We can pass an integer value to it, if we choose large integer value we will see more no. of produced messages.

### 1.12 warm\_start

As we discussed earlier to determine the best model we need to experiment the fitting with multiple values of hyper-parameters and regularizations by using sklearn’s grid search cv which it fits the estimator repeatedly on the same data set for different values, so what if we want to reuse the previous model learnings for present learning. It is possible when you set `warm_start = True` by default it is set to `False`.

However, experimenting with all these parameters one by one is really a big task. So we choose any CV technique provided by sklearn and we will give set of values in a single shot. This CV algorithm will return the best fit from the provided values. Look at the code below.

```
[47]: parameters={'C':[10**-6,10**-5,10**-3,10**-4, 10**-2, 10**-1,10**0, 10**2,10**3,10**4,10**5,10**6],
                'penalty':['l1','l2'],
                'tol':[0.0001,1e-4,1e-5,0.01],
                'fit_intercept':[True,False],
                'intercept_scaling':[0.1,0.01,1,10],
                'warm_start': [True,False]
                } #Setting all parameters in a single pipeline

#log_c = list(map(lambda x : float(math.log(x)),parameters['C']))

clf_log = LogisticRegression(n_jobs=-1)

clf = GridSearchCV(clf_log, parameters, cv=5,
                  scoring='neg_log_loss',return_train_score =True,n_jobs=-1,verbose=5)
clf.fit(x_train, y_train)

train_loss= clf.cv_results_['mean_train_score']
cv_loss = clf.cv_results_['mean_test_score']
```

Fitting 5 folds for each of 1536 candidates, totalling 7680 fits

```

tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s

```



[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.653, test=-0.654) total time=0.0s

[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.652, test=-0.657) total time=0.1s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.653, test=-0.654) total time=0.0s

[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.657) total time=0.0s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.653, test=-0.654) total time=0.0s

[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.652, test=-0.657) total time=0.0s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.652) total time=0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.652) total time=0.0s



```

tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.657) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,

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[illegible]



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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
0.1s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
0.0s
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0.0s
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0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=

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0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
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tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.653, test=-0.654) total time=

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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
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0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
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tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
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tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2,

[illegible]

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.1s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[illegible]



[illegible]



[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.1s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.653, test=-0.654) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.653, test=-0.654) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.657) total time=

0.0s  
[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.653, test=-0.654) total time= 0.0s  
[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.652, test=-0.657) total time= 0.0s  
[CV 2/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.653, test=-0.654) total time= 0.0s  
[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.652, test=-0.657) total time= 0.0s  
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[CV 3/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 4/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s  
[CV 5/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.653, test=-0.654) total time= 0.0s  
[CV 1/5] END C=1e-06, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.657) total time=

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0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.653, test=-0.654) total time=
0.1s
[CV 1/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.657) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.654) total time=
0.0s
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tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.657) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s
[CV 3/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.652) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=True, intercept_scaling=10, penalty=l2,
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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0.0s
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[CV 4/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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0.0s
[CV 5/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[illegible]

[illegible]



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tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-06, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
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tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
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0.0s
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tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s

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[illegible]

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[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.656) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.652) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.653) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.656) total time=
0.0s
[CV 5/5] END C=1e-06, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-06, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-06, fit_intercept=False, intercept_scaling=1, penalty=l1,
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 3/5] END C=1e-06, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-06, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.1s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[CV 3/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=1, penalty=l2,

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[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-06, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

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[illegible]

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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.653) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.656) total time= 0.0s
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[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
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[CV 4/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.653, test=-0.652) total time=
0.0s
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[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.653) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.656) total time= 0.1s
[CV 2/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.653, test=-0.652) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.653, test=-0.652) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.653, test=-0.652) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.653, test=-0.653) total time= 0.0s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.652, test=-0.656) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.653, test=-0.653) total time=
0.1s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=

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0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=1, penalty=l1,

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[illegible]

[illegible]







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tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.653, test=-0.653) total time=

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0.0s
[CV 1/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.656) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.653, test=-0.652) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

0.1s

[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.612, test=-0.617) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.615, test=-0.614) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 4/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s

[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time=



0.0s  
[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 4/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 4/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 4/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 5/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 1/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 2/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.693, test=-0.693) total time= 0.0s  
[CV 3/5] END C=1e-05, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.693, test=-0.693) total time=



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tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.1s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.693, test=-0.693) total time= 0.1s
[CV 1/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 2/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 3/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 4/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 5/5] END C=1e-05, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.693, test=-0.693) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,

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[illegible]

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.1s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.1s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=

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0.0s  
[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.611, test=-0.623) total time= 0.0s  
[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.617, test=-0.609) total time= 0.0s  
[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.615, test=-0.613) total time= 0.0s  
[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.612, test=-0.617) total time= 0.0s  
[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.615, test=-0.614) total time= 0.0s  
[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s  
[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s  
[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.615, test=-0.613) total time= 0.0s  
[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.612, test=-0.617) total time= 0.0s  
[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.615, test=-0.614) total time= 0.0s  
[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.611, test=-0.623) total time= 0.0s  
[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.617, test=-0.609) total time= 0.0s  
[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.615, test=-0.613) total time= 0.0s  
[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.1s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s

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[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.615, test=-0.613) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.612, test=-0.617) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.615, test=-0.614) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s

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[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.615, test=-0.614) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.611, test=-0.623) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.617, test=-0.609) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.615, test=-0.613) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.612, test=-0.617) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.615, test=-0.614) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.615, test=-0.613) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.612, test=-0.617) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.615, test=-0.614) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=True, intercept\_scaling=1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,

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tol=1e-05, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.1s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
0.0s

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[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.659) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[illegible]

[illegible]

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.617, test=-0.609) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.613) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.612, test=-0.617) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.611, test=-0.623) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.617, test=-0.609) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.615, test=-0.613) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.612, test=-0.617) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.615, test=-0.614) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.611, test=-0.623) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.659) total time= 0.1s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.656, test=-0.653) total time=

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tol=0.0001, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.1s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
0.1s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.659) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.617, test=-0.609) total time= 0.1s

[CV 3/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.615, test=-0.613) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.612, test=-0.617) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=True, intercept\_scaling=10, penalty=l2,

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tol=0.01, warm_start=False;; score=(train=-0.615, test=-0.614) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.659) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l1,

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[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.652, test=-0.659) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.652, test=-0.659) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s

[CV 3/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 4/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.652, test=-0.659) total time= 0.0s

[CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s

[CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.654, test=-0.657) total time= 0.0s

[CV 2/5] END C=0.001, fit\_intercept=False, intercept\_scaling=1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.1s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
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[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
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0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
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[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
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tol=0.0001, warm_start=True;; score=(train=-0.656, test=-0.653) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
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[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
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0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
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0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,

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tol=1e-05, warm_start=True;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.652, test=-0.659) total time=
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tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
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tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.01, penalty=l1,

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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.648, test=-0.649) total time=

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0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
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[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
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[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,

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0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l2,

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[illegible]

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.648, test=-0.649) total time=0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.647, test=-0.652) total time=0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.648) total time=0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.648, test=-0.649) total time=0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.647, test=-0.652) total time=0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.648) total time=0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.648, test=-0.649) total time=0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.647, test=-0.652) total time=0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.647) total time=0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.648) total time=0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.648, test=-0.649) total time=0.0s



[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.647, test=-0.652) total time=  
 0.0s  
 [CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.647) total time=  
 0.0s  
 [CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.647) total time=  
 0.0s  
 [CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=1, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.648) total time=  
 0.0s  
 [CV 5/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=1e-05, warm\_start=True;; score=(train=-0.656, test=-0.653) total time=  
 0.0s  
 [CV 1/5] END C=0.001, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=1e-05, warm\_start=False;; score=(train=-0.654, test=-0.657) total time=  
 0.0s

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[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.657, test=-0.652) total time= 0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.654, test=-0.657) total time= 0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.652, test=-0.659) total time= 0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.656, test=-0.653) total time= 0.0s
[CV 1/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 2/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.657, test=-0.652) total time=
0.0s
[CV 3/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.654, test=-0.657) total time=
0.0s
[CV 4/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.652, test=-0.659) total time=
0.0s
[CV 5/5] END C=0.001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.656, test=-0.653) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s

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[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.647, test=-0.652) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.648) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.648, test=-0.649) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s

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[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.649, test=-0.648) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.648, test=-0.649) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.647, test=-0.652) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.647, test=-0.652) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.649, test=-0.648) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.648, test=-0.649) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.647, test=-0.652) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.649, test=-0.648) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.648, test=-0.649) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.647, test=-0.652) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.649, test=-0.648) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.648, test=-0.649) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.647, test=-0.652) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.649, test=-0.647) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.649, test=-0.648) total time= 0.0s

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0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.689) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l1,

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[illegible]

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0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.647) total time=

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[illegible]

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.689) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.688, test=-0.689) total time= 0.0s

[CV 5/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 1/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 2/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 3/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s

[CV 4/5] END C=0.0001, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.647, test=-0.652) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.647) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.649, test=-0.648) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.648, test=-0.649) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.647, test=-0.652) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.647) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.649, test=-0.648) total time=
0.0s

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[CV 5/5] END C=0.0001, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.648, test=-0.649) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=

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[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.689) total time=

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0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.1s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.689) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.1s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.1s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.519, test=-0.547) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.533, test=-0.505) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.513, test=-0.554) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=

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0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.689) total time= 0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.688, test=-0.688) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.1s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 4/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.689) total time=
0.0s
[CV 5/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 2/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 3/5] END C=0.0001, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.688, test=-0.688) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.519, test=-0.547) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.533, test=-0.505) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.513, test=-0.554) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.519, test=-0.547) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.533, test=-0.505) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.528, test=-0.521) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.513, test=-0.554) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.528, test=-0.521) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.519, test=-0.547) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.533, test=-0.505) total time=0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.528, test=-0.521) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.513, test=-0.554) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.528, test=-0.521) total time=0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.519, test=-0.547) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.533, test=-0.505) total time=0.1s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.528, test=-0.521) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.513, test=-0.554) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.528, test=-0.521) total time=0.1s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.519, test=-0.547) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.533, test=-0.505) total time=0.1s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.528, test=-0.521) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.513, test=-0.554) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.528, test=-0.521) total time=0.0s

[CV 1/5] END C=0.01, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.519, test=-0.547) total time=0.0s

[illegible]

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[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.1s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.519, test=-0.547) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.533, test=-0.505) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.513, test=-0.554) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,

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[illegible]

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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s

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[illegible]

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.1s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.519, test=-0.547) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.533, test=-0.505) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.513, test=-0.554) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.1s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s

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[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time=  
 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time=  
 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.577) total time=  
 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.575, test=-0.561) total time=  
 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time=



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[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.578, test=-0.559) total time=

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0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s
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[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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tol=0.01, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
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tol=0.01, warm_start=False;; score=(train=-0.570, test=-0.580) total time=
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tol=0.01, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time=  
 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time=  
 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.577) total time=  
 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.575, test=-0.561) total time=  
 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time=  
 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.578, test=-0.559) total time=  
 0.0s



[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=True, intercept\_scaling=10, penalty=l2,

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tol=0.0001, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.519, test=-0.547) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.533, test=-0.505) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.513, test=-0.554) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.528, test=-0.521) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.519, test=-0.547) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.533, test=-0.505) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.513, test=-0.554) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.528, test=-0.521) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.570, test=-0.577) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.575, test=-0.561) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.575, test=-0.561) total time=

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[illegible]

[illegible]

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.481, test=-0.512) total time=0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.578, test=-0.559) total time=0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.577) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.575, test=-0.561) total time=0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time=0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.577) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.575, test=-0.561) total time=0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time=0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time=0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.578, test=-0.559) total time=0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.570, test=-0.577) total time=0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.575, test=-0.561) total time=0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.570, test=-0.577) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.575, test=-0.561) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.570, test=-0.580) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s



[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.465, test=-0.565) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.465, test=-0.565) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.559, test=-0.604) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.578, test=-0.559) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=False;; score=(train=-0.570, test=-0.577) total time=
0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.559, test=-0.604) total time=
0.0s
[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.481, test=-0.512) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.494, test=-0.457) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.490, test=-0.476) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.465, test=-0.565) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.481, test=-0.512) total time=
0.0s

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[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.494, test=-0.457) total time=0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.490, test=-0.476) total time=0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.465, test=-0.565) total time=0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.476) total time=0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.481, test=-0.512) total time=0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.494, test=-0.457) total time=0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.490, test=-0.476) total time=0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.465, test=-0.565) total time=0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.476) total time=0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.481, test=-0.512) total time=0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.494, test=-0.457) total time=0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.490, test=-0.476) total time=0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.465, test=-0.565) total time=0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.476) total time=0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.481, test=-0.512) total time=0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.494, test=-0.457) total time=0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.465, test=-0.565) total time= 0.0s

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[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
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 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.559, test=-0.604) total time=  
 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.578, test=-0.559) total time=  
 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.577) total time=  
 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.575, test=-0.561) total time=  
 0.0s  
 [CV 3/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.570, test=-0.580) total time=  
 0.0s  
 [CV 4/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.559, test=-0.604) total time=  
 0.0s  
 [CV 5/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.578, test=-0.559) total time=  
 0.0s  
 [CV 1/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=1e-05, warm\_start=True;; score=(train=-0.570, test=-0.577) total time=  
 0.0s  
 [CV 2/5] END C=0.01, fit\_intercept=False, intercept\_scaling=10, penalty=l2,

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tol=1e-05, warm_start=True;; score=(train=-0.575, test=-0.561) total time=
0.0s
[CV 3/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.570, test=-0.580) total time=
0.0s
[CV 4/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.559, test=-0.604) total time=
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[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.578, test=-0.559) total time=
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[CV 1/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
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0.0s

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[CV 5/5] END C=0.01, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.578, test=-0.559) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.465, test=-0.565) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.481, test=-0.512) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.494, test=-0.457) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.494, test=-0.457) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.481, test=-0.512) total time=0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.494, test=-0.457) total time=0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.490, test=-0.476) total time=0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.465, test=-0.565) total time=0.0s

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[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.481, test=-0.512) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.494, test=-0.457) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.490, test=-0.476) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.465, test=-0.565) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
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0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.494, test=-0.457) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.490, test=-0.476) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.465, test=-0.565) total time=

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[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.490, test=-0.476) total time=  
 0.0s  
 [CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.465, test=-0.565) total time=  
 0.0s  
 [CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.476) total time=  
 0.0s  
 [CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.481, test=-0.512) total time=  
 0.0s  
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 [CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.490, test=-0.476) total time=  
 0.0s  
 [CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.465, test=-0.565) total time=  
 0.0s  
 [CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.481, test=-0.512) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.494, test=-0.457) total time=
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tol=1e-05, warm_start=True;; score=(train=-0.465, test=-0.565) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.476) total time=
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[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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0.0s
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tol=0.01, warm_start=True;; score=(train=-0.481, test=-0.512) total time= 0.0s
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[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.494, test=-0.457) total time=
0.0s

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[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.465, test=-0.565) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.491, test=-0.476) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.465, test=-0.565) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 4/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.465, test=-0.565) total time= 0.0s

[CV 5/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.491, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.481, test=-0.512) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.494, test=-0.457) total time= 0.0s

[CV 3/5] END C=0.1, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.490, test=-0.476) total time= 0.0s

[CV 1/5] END C=0.1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=0.1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,





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0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.490, test=-0.476) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.465, test=-0.565) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.476) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=1, penalty=l2,

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[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.490, test=-0.476) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.465, test=-0.565) total time=
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[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.481, test=-0.512) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.494, test=-0.457) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.490, test=-0.476) total time=
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[CV 1/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.481, test=-0.512) total time=
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tol=1e-05, warm_start=True;; score=(train=-0.494, test=-0.457) total time=
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tol=1e-05, warm_start=True;; score=(train=-0.490, test=-0.476) total time=
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tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.476) total time=
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0.0s

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0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.490, test=-0.476) total time=
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tol=1e-05, warm_start=False;; score=(train=-0.465, test=-0.565) total time=
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tol=0.01, warm_start=False;; score=(train=-0.494, test=-0.457) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.534, test=-0.549) total time=

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0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.548, test=-0.506) total time=
0.0s
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[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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0.0s
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0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l1,
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[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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tol=1e-05, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,

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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
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0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.490, test=-0.476) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.465, test=-0.565) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.476) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.537, test=-0.537) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.538, test=-0.528) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.534, test=-0.549) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.515, test=-0.621) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.548, test=-0.506) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,

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[illegible]



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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s

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[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=

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0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time=    0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=    0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=    0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=    0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=    0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=    0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time=    0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time=    0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.537, test=-0.537) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.538, test=-0.528) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.534, test=-0.549) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.515, test=-0.621) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.548, test=-0.506) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.515, test=-0.621) total time=

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0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.470) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l1,

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[illegible]

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tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,

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[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.470) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.470) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2, tol=0.01
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[illegible]

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tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.537, test=-0.537) total time= 0.0s
[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.538, test=-0.528) total time= 0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.534, test=-0.549) total time= 0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.515, test=-0.621) total time= 0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.548, test=-0.506) total time= 0.0s
[CV 1/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.537, test=-0.537) total time=
0.0s

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[CV 2/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.538, test=-0.528) total time=
0.0s
[CV 3/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.534, test=-0.549) total time=
0.0s
[CV 4/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.515, test=-0.621) total time=
0.0s
[CV 5/5] END C=0.1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.548, test=-0.506) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01,
warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01,
warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01,
warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1, tol=0.01,
warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=

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0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=

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0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.470) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,

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tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.529) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.548) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.642) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.497) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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[illegible]

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0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=

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[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.583) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.470) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s

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[CV 2/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.583) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.470) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.529) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.548) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.642) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.497) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s

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[illegible]

[CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.529) total time= 0.0s

[CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.548) total time= 0.0s

[CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.642) total time= 0.0s

[CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.497) total time= 0.0s

[CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.529) total time= 0.0s

[CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.532, test=-0.548) total time= 0.0s

[CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.511, test=-0.642) total time= 0.0s

[CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.546, test=-0.497) total time= 0.0s

[CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.529) total time= 0.0s

[CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.548) total time= 0.0s

[CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.529) total time=

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0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
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[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
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[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s

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[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
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[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
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tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
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tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
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[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
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 [CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.548) total time=  
 0.0s  
 [CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.642) total time=  
 0.0s  
 [CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.497) total time=  
 0.0s  
 [CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=  
 0.0s  
 [CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.529) total time=  
 0.0s  
 [CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.548) total time=  
 0.0s

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[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.1s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.529) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.548) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.642) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.497) total time= 0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=

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0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.1s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
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[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1,  
 tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.548) total time=  
 0.0s  
 [CV 4/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.642) total time=  
 0.0s  
 [CV 5/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.497) total time=  
 0.0s  
 [CV 1/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=  
 0.0s  
 [CV 2/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.529) total time=  
 0.0s  
 [CV 3/5] END C=1, fit\_intercept=False, intercept\_scaling=10, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.529) total time= 0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.548) total time= 0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.642) total time= 0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.497) total time= 0.0s

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[CV 1/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.529) total time=
0.0s
[CV 3/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.548) total time=
0.0s
[CV 4/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.642) total time=
0.0s
[CV 5/5] END C=1, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.497) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
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[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
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[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s

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0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
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[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=

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tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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[CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=0.0s

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[CV 3/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time=0.0s

[CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time=0.0s

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[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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0.0s
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tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
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0.0s
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[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=1, penalty=l2,
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[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

[illegible]

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[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

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[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
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 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l1,  
 tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
 [CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=  
 0.0s  
 [CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=  
 0.0s  
 [CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time=  
 0.0s  
 [CV 4/5] END C=100, fit\_intercept=True, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=  
 0.0s  
 [CV 5/5] END C=100, fit\_intercept=True, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=  
 0.0s  
 [CV 1/5] END C=100, fit\_intercept=True, intercept\_scaling=10, penalty=l2,  
 tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time=  
 0.0s

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[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
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[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
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[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
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[CV 4/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
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tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
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[CV 2/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
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tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
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tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=

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0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l2,
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[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=

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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=

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0.0s  
[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s  
[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s  
[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s  
[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.1s  
[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s  
[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time=0.0s

[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time=0.0s

[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time=0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time=0.0s

[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.646) total time=0.0s

[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time=0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.532, test=-0.549) total time=0.0s

[CV 4/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.511, test=-0.646) total time=0.0s

[CV 5/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.546, test=-0.496) total time=0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=0.0s



[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time=

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0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.1s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,

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[illegible]

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=

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0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
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[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.1s
[CV 5/5] END C=100, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s

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[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.1s

[CV 2/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=

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0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=

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0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.1s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
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[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
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[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
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tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=

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0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
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tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
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0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
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[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=

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0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
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[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
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[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

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[CV 1/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,

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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
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[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,

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[CV 3/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s

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[CV 1/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

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[CV 3/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

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[CV 5/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

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[CV 2/5] END C=1000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=

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0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,

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[illegible]

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0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
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0.0s
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0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
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[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
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0.0s
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0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
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0.0s
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0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=

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0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
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0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
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tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=

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0.0s  
[CV 3/5] END C=1000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 4/5] END C=1000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s  
[CV 5/5] END C=1000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s  
[CV 1/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=1000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s  
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[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.489, test=-0.469) total time=

0.0s

[illegible]

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
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[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
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0.0s

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[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time=0.0s

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[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=0.0s

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[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time=0.0s

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[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time=0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.478, test=-0.507) total time=0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.491, test=-0.454) total time=0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.487, test=-0.472) total time=0.0s

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[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=

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0.0s
[CV 3/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.1s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s

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[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l1,



[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time=0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time=0.0s

[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time=0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time=0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time=0.0s

[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time=0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time=0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time=0.0s

[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time=0.0s

[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=0.0s

[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time=0.0s

[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time=0.0s



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[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
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0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=

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[illegible]

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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,

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[illegible]

[illegible]

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[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
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[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=

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0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
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tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=

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0.0s  
[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

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[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=

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0.0s  
[CV 4/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s  
[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s  
[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s  
[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,

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tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[illegible]

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[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l1,

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[illegible]



[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=10000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2,

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tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=

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0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
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0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
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0.0s
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tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
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0.0s
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0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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0.0s

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[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

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[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s

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[illegible]

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tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=10000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.511, test=-0.646) total time=

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0.0s  
[CV 5/5] END C=10000, fit\_intercept=False, intercept\_scaling=10, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s  
[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s  
[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s  
[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s  
[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s  
[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s  
[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s  
[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s  
[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s  
[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s  
[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2,

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tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,

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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,

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0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

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[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s

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[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time=0.0s

[CV 1/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time=0.0s

[CV 2/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time=0.0s

[CV 3/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time=0.0s

[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time=0.0s

[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time=0.0s

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[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
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[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
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[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=100000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=100000, fit\_intercept=True, intercept\_scaling=1, penalty=l2,



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tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nans, test=nans)total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nans, test=nans) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nans, test=nans) total time= 0.0s
[CV 4/5] END C=100000, fit intercept=False, intercept scaling=0.01, penalty=l1
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,

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tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,

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tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s

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[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.1s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s

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[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
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0.0s
[CV 1/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l1,
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[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l2,

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[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,

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[illegible]

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tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 5/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
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 tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=  
 0.0s  
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[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time=

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0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 2/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=100000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s

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[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

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[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

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[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

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[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=0.1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=1e-05, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1, tol=0.01, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l1,

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tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s

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[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s

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[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
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0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
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[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
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tol=1e-05, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
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[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s

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[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=

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0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.489, test=-0.469) total time=

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0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l2,

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[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.478, test=-0.507) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.491, test=-0.454) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.487, test=-0.472) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.461, test=-0.587) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=True, intercept\_scaling=10, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.489, test=-0.469) total time= 0.0s

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[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.478, test=-0.507) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.491, test=-0.454) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=0.01, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.532, test=-0.549) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.487, test=-0.472) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.461, test=-0.587) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.489, test=-0.469) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,

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[illegible]

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tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l1,

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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.487, test=-0.472) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.461, test=-0.587) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.489, test=-0.469) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.478, test=-0.507) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=True, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.491, test=-0.454) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s

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[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.532, test=-0.549) total time=0.0s

[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.511, test=-0.646) total time=0.0s

[CV 5/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time=0.0s

[CV 1/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time=0.0s

[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.532, test=-0.549) total time=0.0s

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[CV 5/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time=0.0s

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[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.511, test=-0.646) total time=
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[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
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tol=1e-05, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
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[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.1, penalty=l2,
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[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,

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[CV 0/5] END C=1000000, fit_intercept=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
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[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm start=False;; score=(train=-0.546, test=-0.496) total time=
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0.0s  
[CV 1/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l1, tol=0.01, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s  
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[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s  
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[CV 5/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s  
[CV 1/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s  
[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.0001, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.532, test=-0.549) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=1e-05, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=1, penalty=l2, tol=0.01, warm\_start=True;; score=(train=-0.535, test=-0.530) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 3/5] END C=1000000, fit\_intercept=False, intercept\_scaling=10, penalty=l1, tol=0.0001, warm\_start=False;; score=(train=nan, test=nan) total time= 0.0s

[CV 4/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.511, test=-0.646) total time= 0.0s

[CV 5/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.1, penalty=l2, tol=0.01, warm\_start=False;; score=(train=-0.546, test=-0.496) total time= 0.0s

[CV 1/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

[CV 2/5] END C=1000000, fit\_intercept=False, intercept\_scaling=0.01, penalty=l1, tol=0.0001, warm\_start=True;; score=(train=nan, test=nan) total time= 0.0s

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tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
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[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
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[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=0.01, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=

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0.0s
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```

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tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
```

```
[48]: results= pd.DataFrame({"train_error":train_loss,"cv_error":cv_loss})
print ("Printing train and test loss that we got in every fit")
results
```

Printing train and test loss that we got in every fit

```
[48]:      train_error  cv_error
0           NaN         NaN
1           NaN         NaN
2           NaN         NaN
3           NaN         NaN
4           NaN         NaN
...
1531    -0.531914 -0.549988
1532    -0.531914 -0.549988
1533    -0.531914 -0.549988
1534    -0.531914 -0.549988
1535    -0.531914 -0.549988
```

[1536 rows x 2 columns]

```
[49]: clf = clf.best_estimator_
      clf
```

```
[49]: LogisticRegression(C=0.1, intercept_scaling=0.1, n_jobs=-1, tol=0.01,
      warm_start=True)
```

```
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time=  0.0s
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[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
```



```

tol=1e-05, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
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tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
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tol=0.01, warm_start=False;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l1,
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[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
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tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=1, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.0001, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=1e-05, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=True;; score=(train=nan, test=nan) total time= 0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l1,
tol=0.01, warm_start=False;; score=(train=nan, test=nan) total time= 0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,

```

```

tol=0.0001, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.0001, warm_start=True;; score=(train=-0.546, test=-0.496) total time=
0.0s
[CV 2/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.535, test=-0.530) total time=
0.0s
[CV 3/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.532, test=-0.549) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=1e-05, warm_start=True;; score=(train=-0.511, test=-0.646) total time=
0.0s
[CV 4/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.511, test=-0.646) total time= 0.0s
[CV 5/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=True;; score=(train=-0.546, test=-0.496) total time= 0.0s
[CV 1/5] END C=1000000, fit_intercept=False, intercept_scaling=10, penalty=l2,
tol=0.01, warm_start=False;; score=(train=-0.535, test=-0.530) total time=
0.0s

```

```

[50]: clf.fit(x_train, y_train)

train_mse = metrics.mean_squared_error(y_train, clf.predict_proba(x_train)[: ,1])
test_mse   = metrics.mean_squared_error(y_test,  clf.predict_proba(x_test)[: ,1])

print("train_mse on train data is :{}".format(train_mse))
print("test_mse on test data is :{}".format(test_mse))

```

```

train_mse on train data is :0.15860127422536774
test_mse on test data is :0.13735526100993484

```

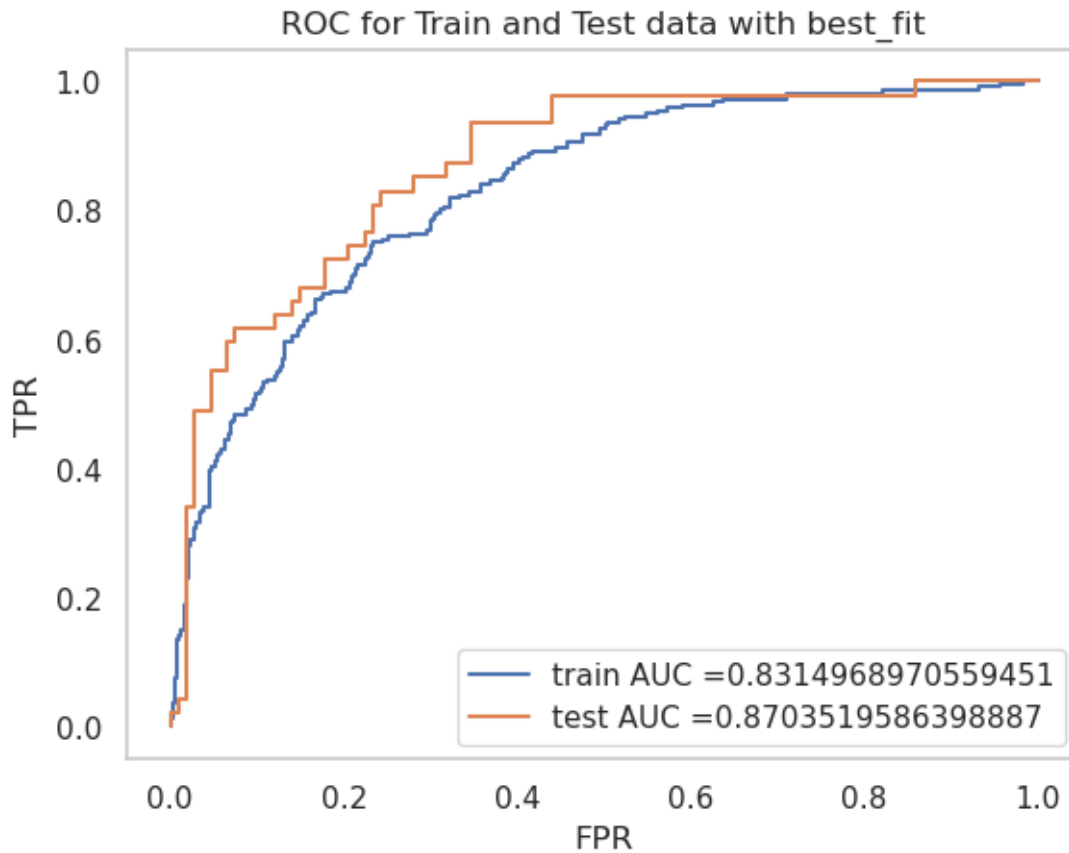
```

[51]: train_fpr, train_tpr, thresholds = metrics.roc_curve(y_train, clf.
      ↪predict_proba(x_train)[: ,1])
test_fpr, test_tpr, thresholds = metrics.roc_curve(y_test, clf.
      ↪predict_proba(x_test)[: ,1])

plt.grid()
plt.plot(train_fpr, train_tpr, label="train AUC =" +str(metrics.auc(train_fpr,
      ↪train_tpr)))
plt.plot(test_fpr, test_tpr, label="test AUC =" +str(metrics.auc(test_fpr,
      ↪test_tpr)))

```

```
plt.legend()
plt.xlabel("FPR")
plt.ylabel("TPR")
plt.title("ROC for Train and Test data with best_fit")
plt.show()
```



```
[52]: def plotcm (cm,ax,title):
        sns.heatmap(cm, ax=ax,annot=True,fmt='d',yticklabels=1,annot_kws={'size':
        ↪20});
        ax.set_xlabel('Predicted');
        ax.set_ylabel('Actual');
        ax.set_title('Confusion Matrix for {} '.format(title));
        ax.xaxis.set_ticklabels(['NO', 'YES']);
        ax.yaxis.set_ticklabels(['NO', 'YES']);

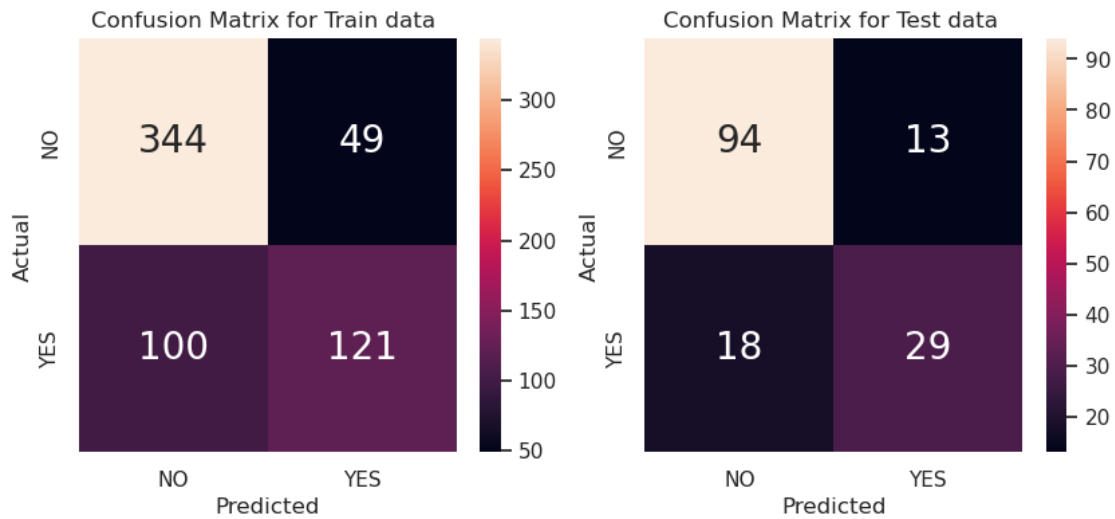
fig, subplt = plt.subplots(1, 2,figsize=(10, 4))
cm = metrics.confusion_matrix(y_train, clf.predict(x_train))
ax = subplt[0]
```

```

plotcm(cm,ax,'Train data')

cm = metrics.confusion_matrix(y_test, clf.predict(x_test))
ax = subplt[1]
plotcm(cm,ax,'Test data')

```



```
[53]: feature_weights=sorted(zip(clf.coef_[0],cloumns_name),reverse = True)
```

```
[54]: feature_weights[:5]
```

```
[54]: [(0.9292828772636046, 'Glucose'),
(0.6031650717311664, 'BMI'),
(0.2758948056927195, 'Pregnancies'),
(0.25996569581415363, 'DiabetesPedigreeFunction'),
(0.23826746130232318, 'Age')]
```

```
[ ]:
```