Classification with DecisionTree in WDE

```
In [1]: #WDE dataset
                              \label{local-path} \begin{tabular}{ll} WDE\_path="C:/Users/aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceEstimation-master/dataset/" aliba/OneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop/UNIVERSITA/TESI/DATASET/WalkingDistanceOneDrive/Desktop
                              classi=['armhand', 'pocket', 'calling', 'swing', 'handheld']
                              n elem=500
                              import numpy as np
                              import matplotlib.pyplot as plt
                              from sklearn.model_selection import KFold
                              from sklearn.model_selection import train_test_split, GridSearchCV
                              #regression
                              from sklearn import linear model
                              #classification
                              from sklearn.tree import DecisionTreeClassifier
                              from sklearn.metrics import classification_report
                              #visualization
                              from yellowbrick.classifier import ConfusionMatrix
                              #from yellowbrick.classifier import ClassificationReport
                              from ipynb.fs.full.functioncollection import importWDE, filtWDE, f ext WDE,makeeqWDE,classification dataset,is
```

Import all WDE

In [2]: DATASET=importWDE()

```
PDR Raw 2019-03-20-09-10-12 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 288}
        Outliers eliminati
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 12}
        PDR Raw 2019-03-20-09-21-02 {'armhand': 0, 'pocket': 0, 'calling': 284, 'swing': 0, 'handheld': 0}
        Outliers eliminati
                                {'armhand': 0, 'pocket': 0, 'calling': 15, 'swing': 0, 'handheld': 0}
        PDR_Raw_2019-03-20-09-29-55 {'armhand': 0, 'pocket': 0, 'calling': 34, 'swing': 0, 'handheld': 45}
                               {'armhand': 0, 'pocket': 0, 'calling': 3, 'swing': 0, 'handheld': 1}
        Outliers eliminati
        PDR_Raw_2019-03-21-08-32-39 {'armhand': 196, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 0}
                                {'armhand': 26, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 0}
        Outliers eliminati
        PDR Raw 2019-03-21-09-07-51 {'armhand': 527, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 0}
        Outliers eliminati
                               {'armhand': 203, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 0}
        PDR Raw 2019-03-21-11-57-56 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 197, 'handheld': 0}
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 151, 'handheld': 0}
        Outliers eliminati
        PDR Raw 2019-03-24-11-12-21 {'armhand': 0, 'pocket': 142, 'calling': 0, 'swing': 139, 'handheld': 0}
                                {'armhand': 0, 'pocket': 8, 'calling': 0, 'swing': 10, 'handheld': 0}
        Outliers eliminati
        PDR_Raw_2019-03-28-11-50-11 {'armhand': 0, 'pocket': 0, 'calling': 275, 'swing': 429, 'handheld': 425}
                                {'armhand': 0, 'pocket': 0, 'calling': 16, 'swing': 42, 'handheld': 121}
        Outliers eliminati
        PDR Raw 2019-03-29-07-37-22 {'armhand': 0, 'pocket': 0, 'calling': 171, 'swing': 0, 'handheld': 0}
                                {'armhand': 0, 'pocket': 0, 'calling': 64, 'swing': 0, 'handheld': 0}
        Outliers eliminati
        PDR_Raw_2019-03-29-08-30-54 {'armhand': 0, 'pocket': 157, 'calling': 0, 'swing': 0, 'handheld': 0}
                                {'armhand': 0, 'pocket': 116, 'calling': 0, 'swing': 0, 'handheld': 0}
        Outliers eliminati
        PDR Raw 2019-03-30-11-29-16 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 897}
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 167}
        Outliers eliminati
        PDR_Raw_2019-03-31-01-23-59 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 1726}
        Outliers eliminati
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 202}
        PDR Raw 2019-03-31-10-04-54 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 385, 'handheld': 0}
                              {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 156, 'handheld': 0}
        Outliers eliminati
        PDR Raw 2019-03-31-10-33-25 {'armhand': 0, 'pocket': 386, 'calling': 0, 'swing': 3, 'handheld': 0}
        Outliers eliminati
                                {'armhand': 0, 'pocket': 45, 'calling': 36, 'swing': 2, 'handheld': 0}
        PDR Raw 2019-03-31-12-03-05 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 232, 'handheld': 0}
                               {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 21, 'handheld': 0}
        Outliers eliminati
        PDR Raw 2019-03-31-12-29-51 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 568}
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 205}
        Outliers eliminati
        PDR_Raw_2019-04-01-10-45-07 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 1214}
                                {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 29}
        Outliers eliminati
        PDR_Raw_2019-04-02-08-44-50 {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 664}
        Outliers eliminati
                               {'armhand': 0, 'pocket': 0, 'calling': 0, 'swing': 0, 'handheld': 60}
        In totale=> armhand:723, pocket:685, calling:764, swing:1385, handheld:5827, -->9384 stride
        scrivi la struddura di "DATASET"
        sotto applichiamo il filtraggio
In [3]: filtWDE(DATASET);
        Filtering: ##########
        Done!
In [4]: print(type(DATASET))
        for c,v in DATASET.items():
           print(c,type(v),len(v),type(v[0]),v[0].keys())
        <class 'dict'>
        armhand <class 'list'> 723 <class 'dict'> dict keys(['target', 'Acc X', 'Acc Y', 'Acc Z', 'Gyr X', 'Gyr Y', 'Gy
        r Z', 'SensorTimestamp'])
        pocket <class 'list'> 685 <class 'dict'> dict keys(['target', 'Acc X', 'Acc Y', 'Acc Z', 'Gyr X', 'Gyr Y', 'Gyr
        Z', 'SensorTimestamp'])
        calling <class 'list'> 764 <class 'dict'> dict keys(['target', 'Acc X', 'Acc Y', 'Acc Z', 'Gyr X', 'Gyr Y', 'Gy
        r_Z', 'SensorTimestamp'])
        swing <class 'list'> 1385 <class 'dict'> dict keys(['target', 'Acc X', 'Acc Y', 'Acc Z', 'Gyr X', 'Gyr Y', 'Gyr
         Z', 'SensorTimestamp'])
        handheld <class 'list'> 5827 <class 'dict'> dict_keys(['target', 'Acc_X', 'Acc_Y', 'Acc_Z', 'Gyr_X', 'Gyr_Y', '
        Gyr_Z', 'SensorTimestamp'])
```

feature ext

```
In [5]: Feature_DS=f_ext_WDE(DATASET)
           Extracting armhand:#######
           Extracting pocket:#######
           Extracting calling:#######
           Extracting swing:########
           Extracting handheld: ########
 In [6]: for k,v in Feature DS.items():
               print(k,type(v),v.keys(),len(v['feature']),len(v['feature'][0]),len(v['target']))
           armhand <class 'dict'> dict_keys(['feature', 'target']) 723 92 723
           pocket <class 'dict'> dict_keys(['feature', 'target']) 685 92 685
           calling <class 'dict'> dict_keys(['feature', 'target']) 764 92 764
swing <class 'dict'> dict_keys(['feature', 'target']) 1385 92 1385
           handheld <class 'dict'> dict_keys(['feature', 'target']) 5827 92 5827
           equilibriamo
 In [7]: DS train,DS test = makeeqWDE(Feature DS)
 In [8]: for k,v in DS train.items():
               print(k,type(v),v.keys(),len(v['feature']),len(v['feature'][0]),len(v['target']))
          armhand <class 'dict'> dict_keys(['feature', 'target']) 500 92 500
pocket <class 'dict'> dict_keys(['feature', 'target']) 500 92 500
           calling <class 'dict'> dict_keys(['feature', 'target']) 500 92 500
swing <class 'dict'> dict_keys(['feature', 'target']) 500 92 500
           handheld <class 'dict'> dict keys(['feature', 'target']) 500 92 500
 In [9]: for k,v in DS_test.items():
               print(k, type(v), v.keys(), len(v['feature']), len(v['feature'][0]), len(v['target']))
           armhand <class 'dict'> dict_keys(['feature', 'target']) 50 92 50
           pocket <class 'dict'> dict_keys(['feature', 'target']) 50 92 50
           calling <class 'dict'> dict keys(['feature', 'target']) 50 92 50
swing <class 'dict'> dict keys(['feature', 'target']) 50 92 50
           handheld <class 'dict'> dict_keys(['feature', 'target']) 50 92 50
In [10]: class_x_train,class_y_train,class_x_test,class_y_test = classification_dataset(DS_train,DS_test)
In [11]: print(np.array(class_x_train).shape)
           print(np.array(class y train).shape)
           (2500, 92)
           (2500,)
In [12]: print(np.array(class x test).shape)
           print(np.array(class_y_test).shape)
           (250, 92)
           (250,)
```

CLASSIFICATION WDE

Nella cella sottostante viene testato il DecisionTree per {'min_samples_leaf':[1..20], 'min_samples_split': [1..40]}. La computazione di 8000 fit richiede in tutto 10 minuti circa, quindi clf.fit è commentato per non doverlo eseguire ogni volta, nel testo sottostante il risultato dei migliori parametri e l'accuracy ottenuta con gli stessi, creiamo quindi **best_dt** con i suddetti parametri.

```
In [ ]: #decision tree è abbastanza insensibile allo scaling perché splitta sempre in base ad una sola feature
         kf = KFold(n_splits=10, shuffle= True, random_state=0)#cv object
         dtmodel=DecisionTreeClassifier(splitter="best")#max depth per ora lo lasciamo decidere al modello
         params=[{"min samples split":[x+1 for x in range(1,40)], "min samples leaf":[x+1 for x in range(20)]}]
         clf=GridSearchCV(dtmodel,param_grid= params, cv=kf,verbose=2,scoring="accuracy", return_train_score= True)
         clf.fit(class x train, class y train)
In [13]: print(clf.best params_)
         print("Accuracy:"+ str(clf.best_score_))
         Fitting 10 folds for each of 800 candidates, totalling 8000 fits
         [CV] END .....min samples leaf=1, min samples split=1; total time=
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	ENDmin_samples_tear=10,	_ ' _ '		0.1s 0.1s
	ENDmin samples leaf=10,			0.1s 0.0s
	ENDmin samples leaf=10,			0.0s
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		_ ' _ ' _ ' _ '			
		min_samples_leaf=10, min_samples_split=23;			0.1s
[CV]	END	min_samples_leaf=10, min_samples_split=23;	total	time=	0.1s
		min samples leaf=10, min samples split=23;			0.1s
		min_samples_leaf=10, min_samples_split=24;			0.1s
[CV]	END	min_samples_leaf=10, min_samples_split=24;	total	time=	0.1s
[CV]	END	min samples leaf=10, min samples split=24;	total	time=	0.0s
		min samples leaf=10, min samples split=24;			0.0s
		min_samples_leaf=10, min_samples_split=24;			0.1s
[CV]	END	min samples leaf=10, min samples split=24;	total	time=	0.1s
		min samples leaf=10, min samples split=24;			0.0s
		min_samples_leaf=10, min_samples_split=24;			0.1s
[CV]	END	min samples leaf=10, min samples split=24;	total	time=	0.1s
[CV]	FND	min samples leaf=10, min samples split=24;	total	time=	0.1s
		min_samples_leaf=10, min_samples_split=25;			0.1s
[CV]	END	min_samples_leaf=10, min_samples_split=25;	total	time=	0.1s
[CV]	END	min samples leaf=10, min samples split=25;	total	time=	0.1s
		min samples leaf=10, min samples split=25;			0.1s
		min_samples_leaf=10, min_samples_split=25;			0.1s
[CV]	END	min samples leaf=10, min samples split=25;	total	time=	0.1s
[CV]	FND	min samples leaf=10, min samples split=25;	total	time=	0.1s
		min samples leaf=10, min samples split=25;			0.1s
		_ ' _ ' _ ' _ '			
		min_samples_leaf=10, min_samples_split=25;			0.1s
[CV]	END	min samples leaf=10, min samples split=25;	total	time=	0.1s
		min samples leaf=10, min samples split=26;			0.1s
		min_samples_leaf=10, min_samples_split=26;			0.0s
[CV]	END	min_samples_leaf=10, min_samples_split=26;	total	time=	0.1s
		min samples leaf=10, min samples split=26;			0.1s
		min samples leaf=10, min samples split=26;			0.1s
		min_samples_leaf=10, min_samples_split=26;			0.1s
[CV]	END	min samples leaf=10, min samples split=26;	total	time=	0.1s
[CV]	FND	min samples leaf=10, min samples split=26;	total	time=	0.1s
		min_samples_leaf=10, min_samples_split=26;			0.1s
[CV]	END	min_samples_leaf=10, min_samples_split=26;	total	time=	0.1s
[CV]	END	min samples leaf=10, min samples split=27;	total	time=	0.1s
		min samples leaf=10, min samples split=27;			0.0s
		min_samples_leaf=10, min_samples_split=27;			0.0s
[CV]	END	min_samples_leaf=10, min_samples_split=27;	total	time=	0.1s
[CV]	END	min samples leaf=10, min samples split=27;	total	time=	0.0s
		min samples leaf=10, min samples split=27;			0.0s
		min_samples_leaf=10, min_samples_split=27;			0.0s
[CV]	END	min samples leaf=10, min samples split=27;	total	time=	0.1s
[CV]	FND	min samples leaf=10, min samples split=27;			
			total	time=	0 05
$\Gamma \cap \Gamma$					0.0s
	END	min_samples_leaf=10, min_samples_split=27;	total	time=	0.1s
[CV]	END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;</pre>	total total	time= time=	
[CV]	END END	min_samples_leaf=10, min_samples_split=27;	total total	time= time=	0.1s
[CV]	END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total	<pre>time= time= time=</pre>	0.1s 0.1s 0.0s
[CV] [CV]	END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total	<pre>time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s
[CV] [CV] [CV]	END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total total	<pre>time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s 0.1s
[CV] [CV] [CV]	END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total total	<pre>time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV]	END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total total total	<pre>time= time= time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV]	END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total total total total	<pre>time= time= time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total total total total total total total total	<pre>time= time= time= time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s 0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total	<pre>time= time= time= time= time= time= time= time= time=</pre>	0.1s 0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total	<pre>time= time= time= time= time= time= time= time= time= time=</pre>	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total	<pre>time= time= time= time= time= time= time= time= time= time=</pre>	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=28;</pre>	total	time= time= time= time= time= time= time= time= time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=1</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_sp</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_sp</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10,</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_sampl</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=10, min_samples_split=27;min_samples_leaf=10, min_samples_split=28;min_samples_leaf=10, min_samples_split=29;min_samples_leaf=10, min_samples_split=30;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_samples_leaf=10, min_samples_split=31;min_sampl</pre>	total	time=	0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1

[CV]	ENDmin_samples_lea	f=10, ı	min samples spli ¹	t=31; ·	total	time=	0.0s
[CV1	ENDmin samples lea	f=10. ı	min samples split	=31:	total	time=	0.0s
	ENDmin samples lea		_ ' _ '				0.1s
	_ · -						
	<pre>ENDmin_samples_lea</pre>						0.0s
[CV]	ENDmin samples lea	f=10, i	min samples split	t=32;	total	time=	0.0s
[CV]	ENDmin samples lea	f=10. ı	min samples splii	=32:	total	time=	0.0s
	ENDmin samples lea						0.0s
	<pre>ENDmin_samples_lea</pre>						0.0s
[CV]	ENDmin_samples_lea	f=10, ı	min samples spli ¹	t=32;	total	time=	0.0s
[CV]	ENDmin samples lea	f=10, ı	min samples split	t=32;	total	time=	0.1s
	ENDmin samples lea						0.0s
	ENDmin samples lea						
	_ · _	-		-			0.0s
	<pre>ENDmin_samples_lea</pre>						0.1s
[CV]	ENDmin_samples_lea	f=10, ı	min_samples_spli ¹	t=33;	total	time=	0.0s
[CV]	ENDmin samples lea	f=10. ı	min samples split	t=33:	total	time=	0.0s
	ENDmin samples lea	-					0.1s
	_ · -						
	ENDmin_samples_lea						0.0s
	<pre>ENDmin_samples_lea</pre>	-		-			0.1s
[CV]	<pre>ENDmin_samples_lea</pre>	f=10, ı	min_samples_spli†	t=33;	total	time=	0.0s
[CV]	ENDmin samples lea	f=10. ı	min samples split	:=33:	total	time=	0.1s
	ENDmin samples lea						0.0s
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	ENDmin_samples_lea						0.0s
	<pre>ENDmin_samples_lea</pre>						0.0s
[CV]	ENDmin samples lea	f=10, ı	min_samples_spli ¹	t=34;	total	time=	0.0s
	ENDmin samples lea						0.0s
	ENDmin samples lea						0.0s
	ENDmin_samples_lea						0.0s
	<pre>ENDmin_samples_lea</pre>						0.0s
[CV]	<pre>ENDmin_samples_lea</pre>	f=10, ı	min_samples_split	t=34;	total	time=	0.0s
[CV]	ENDmin samples lea	f=10. ı	min samples split	t=34:	total	time=	0.0s
	ENDmin samples lea						0.0s
	ENDmin samples lea						0.0s
	_ · -						
	ENDmin_samples_lea						0.0s
	<pre>ENDmin_samples_lea</pre>						0.0s
[CV]	ENDmin_samples_lea	f=10, ı	min_samples_spli ¹	t=35;	total	time=	0.1s
[CV]	ENDmin samples lea	f=10. ı	min samples spli	t=35:	total	time=	0.0s
	ENDmin samples lea						0.0s
	ENDmin samples lea	-					0.1s
	_ · -						
	ENDmin_samples_lea						0.0s
[CV]	<pre>ENDmin_samples_lea</pre>	f=10, ı	min_samples_spli ¹	t=35;	total	time=	0.0s
[CV]	<pre>ENDmin_samples_lea</pre>	f=10, ı	min_samples_spli ¹	t=35;	total	time=	0.1s
LV71	ENDmin samples lea	C 10					
[CV]		T=10, I	min samples spli ¹	t=35;	total	time=	0.0s
[CV]	ENDmin_samples_lea	f=10, ı	min_samples_spli	t=36;	total	time=	0.1s
[CV]	ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i	min_samples_split min_samples_split	t=36; t=36;	total total	time= time=	0.1s 0.0s
[CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i f=10, i	min_samples_split min_samples_split min_samples_split	t=36; t=36; t=36;	total total total	time= time= time=	0.1s 0.0s 0.0s
[CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i f=10, i f=10, i	min_samples_split min_samples_split min_samples_split min_samples_split	t=36; t=36; t=36; t=36;	total total total total	time= time= time= time=	0.1s 0.0s
[CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i f=10, i f=10, i	min_samples_split min_samples_split min_samples_split min_samples_split	t=36; t=36; t=36; t=36;	total total total total	time= time= time= time=	0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i f=10, i f=10, i f=10, i	min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli†	t=36; t=36; t=36; t=36; t=36;	total total total total total	time= time= time= time= time=	0.1s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, i f=10, i f=10, i f=10, i f=10, i f=10, i	min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli†	t=36; t=36; t=36; t=36; t=36;	total total total total total total	time= time= time= time= time= time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, f=10, f=10, f=10, f=10, f=10,	min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli† min_samples_spli†	t=36; t=36; t=36; t=36; t=36; t=36;	total total total total total total total total	time= time= time= time= time= time= time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea ENDmin_samples_lea	f=10, f=10, f=10, f=10, f=10, f=10, f=10,	min samples splitmin splitmin samples sp	t=36; t=36; t=36; t=36; t=36; t=36; t=36;	total total total total total total total total total	time= time= time= time= time= time= time= time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	ENDmin_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min samples splitmin sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_split	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.0
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=39; t=39; t=39;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=39; t=39; t=39; t=39;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=39; t=39; t=39; t=39;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=39; t=39; t=39; t=39; t=39;	total	time=	0.1s 0.0s 0.0s 0.1s 0.0s 0.0
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_lea	f=10, f=10,	min_samples_splitmin_sa	t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=36; t=37; t=37; t=37; t=37; t=37; t=37; t=37; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=38; t=39; t=39; t=39; t=39; t=39;	total	time=	0.1s 0.0s 0.0s 0.1s 0.1

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				, min samples split=16;		
				· - · - ·		
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				, min samples split=16;		
				· - · - ·		
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				· - · - ·		
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				, min samples split=17;		
				· - · - ·		
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				, min samples split=17;		
				· - · - ·		
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			_ ' _	· - · - · ·		
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				<pre>, min_samples_split=18;</pre>		
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				· - · - ·		
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				, min samples split=19;		
				· - · - ·		
				<pre>, min_samples_split=19;</pre>		
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			- ' -	, min samples split=19;		
				_ · _ ·		
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				. min samples split=20:	total ti	Tille= 0.05
				<pre>, min_samples_split=20;</pre>		
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[CV] [CV] [CV]	END END END END	mirmirmir	n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10	<pre>, min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20;</pre>	total ti total ti total ti total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV]	END END END END END	mirmirmirmir	n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10	<pre>, min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20;</pre>	total ti total ti total ti total ti total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime= 0.0s
[CV] [CV] [CV] [CV] [CV]	END END END END END	mir mir mir mir mir	n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10	<pre>, min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20;</pre>	total ti total ti total ti total ti total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s
[CV] [CV] [CV] [CV] [CV]	END END END END END	mir mir mir mir mir	n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10 n_samples_leaf=10	<pre>, min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20; , min_samples_split=20;</pre>	total ti total ti total ti total ti total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23; min_samples_split=23; min_samples_split=23; min_samples_split=23; min_samples_split=23; min_samples_split=23; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.1s ime= 0.0s ime= 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 n_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.1s ime= 0.0s ime= 0.1s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 1_samples_leaf=10 1_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime=
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 1_samples_leaf=10 1_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime=
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	mir mir	n_samples_leaf=10 1_samples_leaf=10 1_samples_le	min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=21; min_samples_split=22; min_samples_split=23;	total ti	ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.0s ime= 0.0s ime= 0.1s ime= 0.0s ime= 0.1s ime=

[CV]	END	min samples leaf=16, min samples split=24;	total	time=	0.1s
-		min samples leaf=16, min samples split=24;			0.1s
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		min_samples_leaf=16, min_samples_split=24;			0.1s
[CV]	END	min samples leaf=16, min samples split=24;	total	time=	0.1s
		min samples leaf=16, min samples split=24;			0.1s
		min_samples_leaf=16, min_samples_split=24;			0.1s
[CV]	END	min_samples_leaf=16, min_samples_split=24;	total	time=	0.1s
[CV]	END	min samples leaf=16, min samples split=24;	total	time=	0.1s
-		min samples leaf=16, min samples split=25;			0.1s
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		min_samples_leaf=16, min_samples_split=25;			0.1s
[CV]	END	min samples leaf=16, min samples split=25;	total	time=	0.1s
		min samples leaf=16, min samples split=25;			0.1s
		_ ' _ ' _ ' _ '			
		<pre>min_samples_leaf=16, min_samples_split=25;</pre>			0.1s
[CV]	END	min samples leaf=16, min samples split=25;	total	time=	0.1s
		min samples leaf=16, min samples split=25;			0.1s
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-		min_samples_leaf=16, min_samples_split=25;			0.1s
[CV]	END	min_samples_leaf=16, min_samples_split=25;	total	time=	0.1s
[CV]	END	min samples leaf=16, min samples split=25;	total	time=	0.1s
		min samples leaf=16, min samples split=26;			0.1s
		_			
		min_samples_leaf=16, min_samples_split=26;			0.1s
[CV]	END	min samples leaf=16, min samples split=26;	total	time=	0.1s
[CV]	FND	min samples leaf=16, min samples split=26;	total	time=	0.1s
		min samples leaf=16, min samples split=26;			0.1s
		min_samples_leaf=16, min_samples_split=26;			0.1s
[CV]	END	min samples leaf=16, min samples split=26;	total	time=	0.1s
-		min samples leaf=16, min samples split=26;			0.1s
		min_samples_leaf=16, min_samples_split=26;			0.1s
[CV]	END	min_samples_leaf=16, min_samples_split=26;	total	time=	0.0s
[CV]	END	min samples leaf=16, min samples split=27;	total	time=	0.1s
-		min samples leaf=16, min samples split=27;			0.0s
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-		<pre>min_samples_leaf=16, min_samples_split=27;</pre>			0.1s
[CV]	END	min samples leaf=16, min samples split=27;	total	time=	0.1s
[CV]	FND	min samples leaf=16, min samples split=27;	total	time=	0.0s
		min samples leaf=16, min samples split=27;			0.1s
		min_samples_leaf=16, min_samples_split=27;			0.0s
[CV]	END	min samples leaf=16, min samples split=27;	total	time=	0.0s
		min samples leaf=16, min samples split=27;			0.1s
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-		min_samples_leaf=16, min_samples_split=27;			0.1s
[CV]	END	min_samples_leaf=16, min_samples_split=28;	total	time=	0.0s
[CV]	END	min samples leaf=16, min samples split=28;	total	time=	0.1s
		min samples leaf=16, min samples split=28;			0.1s
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[CV]	END	min_samples_leaf=16, min_samples_split=28;	total	time=	0.1s 0.0s
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[CV]	END END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;	total total	time= time=	0.0s 0.0s
[CV] [CV]	END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;</pre>	total total total	<pre>time= time= time=</pre>	0.0s 0.0s 0.0s
[CV] [CV] [CV]	END END END END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;	total total total total	<pre>time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV]	END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;</pre>	total total total total total	<pre>time= time= time= time= time=</pre>	0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV]	END END END END END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;	total total total total total	<pre>time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV]	END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;</pre>	total total total total total total	<pre>time= time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV]	END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;</pre>	total total total total total total total	<pre>time= time= time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;</pre>	total total total total total total total total	<pre>time= time= time= time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;</pre>	total total total total total total total total total	<pre>time= time= time= time= time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;</pre>	total total total total total total total total total	<pre>time= time= time= time= time= time= time= time= time=</pre>	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16,</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	<pre>min_samples_leaf=16, min_samples_split=28;</pre>	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=31;min_samples_leaf=16, min_samples_split=31;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=31;min_samples_leaf=16, min_samples_split=31;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=31;min_samples_leaf=16, min	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=31;min_samples_leaf=16, min_samples_split=31;	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=28;min_samples_leaf=16, min_samples_split=29;min_samples_leaf=16, min_samples_split=30;min_samples_leaf=16, min_samples_split=31;min_samples_leaf=16, min_samples_split=32;min_samples_leaf=16, min_samples_split=32;min_samples_leaf=16, min_samples_split=32;min_samples_leaf=16, min_samples_split=32;min_samples_leaf=16, min_samples_split=32;min_samples_leaf=16, m	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=16, min_samples_split=28; min_samples_leaf=16, min_samples_split=29; min_samples_leaf=16, min_samples_split=30; min_samples_leaf=16, min_samples_split=31; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_samples_split=32; min_samples_leaf=16, min_	total	time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s

[CV]	ENDmin samples leaf=	l6, min samples split=32	; total time=	0.1s
[CV1	ENDmin samples leaf=	<pre>16. min samples split=32</pre>	: total time=	0.1s
	ENDmin samples leaf=			0.1s
	_ · _			
	ENDmin_samples_leaf=	_ · _ ·		0.1s
[CV]	ENDmin samples leaf=	L6, min samples split=32	; total time=	0.1s
[CV]	ENDmin samples leaf=	16. min samples split=33	total time=	0.1s
	ENDmin samples leaf=			0.1s
	- · -		•	
	ENDmin_samples_leaf=			0.1s
[CV]	ENDmin samples leaf=	<pre>L6, min samples split=33</pre>	; total time=	0.1s
[CV]	ENDmin samples leaf=	<pre>16, min samples split=33</pre>	; total time=	0.1s
	ENDmin samples leaf=			0.1s
	ENDmin_samples_leaf=			0.1s
[CV]	ENDmin_samples_leaf=	<pre>l6, min_samples_split=33</pre>	; total time=	0.1s
[CV]	ENDmin samples leaf=	<pre>L6, min samples split=33</pre>	; total time=	0.1s
[CV]	ENDmin samples leaf=	16. min samples split=33	total time=	0.0s
	ENDmin samples leaf=			0.1s
	_ ·			
	ENDmin_samples_leaf=			0.1s
[CV]	ENDmin samples leaf=	L6, min samples split=34	; total time=	0.0s
[CV]	ENDmin samples leaf=	l6. min samples split=34	: total time=	0.1s
	ENDmin samples leaf=			0.1s
	·	· – · – ·	•	
	ENDmin_samples_leaf=	· – · – ·		0.1s
[CV]	ENDmin_samples_leaf=	l6, min_samples_split=34	; total time=	0.0s
[CV]	ENDmin samples leaf=	<pre>l6. min samples split=34</pre>	: total time=	0.0s
[CV]	ENDmin samples leaf=	16 min samples split=34	total time=	0.0s
	ENDmin_samples_tear=			0.0s
	_ · _			
	ENDmin_samples_leaf=	_ · _ ·		0.0s
[CV]	ENDmin_samples_leaf=	<pre>L6, min_samples_split=35</pre>	; total time=	0.0s
	ENDmin samples leaf=	_ · _ ·		0.1s
	ENDmin samples leaf=			0.1s
	_ ·			
	ENDmin_samples_leaf=			0.0s
	ENDmin_samples_leaf=			0.1s
[CV]	ENDmin samples leaf=	<pre>16, min samples split=35</pre>	; total time=	0.0s
[CV]	ENDmin samples leaf=	16 min samples split=35	total time=	0.0s
	ENDmin samples leaf=			0.0s
		_ · _ ·		
	ENDmin_samples_leaf=			0.1s
[CV]	ENDmin_samples_leaf=	<pre>l6, min_samples_split=36</pre>	; total time=	0.0s
[CV]	ENDmin samples leaf=	<pre>L6, min samples split=36</pre>	; total time=	0.0s
[CV]	ENDmin samples leaf=	16 min samples split=36	total time=	0.0s
	ENDmin samples leaf=			0.1s
	_ · _			
	ENDmin_samples_leaf=			0.1s
	ENDmin_samples_leaf=			0.0s
L C V J	ENDmin samples leaf=	16 min complos coli+-26	. +a+al +ima-	0.0s
[CV]	LIND	to, miin_samples_sptit-so	, totat time=	0.05
	_ · _			0.0s
[CV]	ENDmin_samples_leaf=	L6, min_samples_split=36	; total time=	0.0s
[CV]	ENDmin_samples_leaf= ENDmin_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36	; total time= ; total time=	0.0s 0.0s
[CV] [CV]	ENDmin_samples_leaf= ENDmin_samples_leaf= ENDmin_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36	<pre>total time= total time= total time=</pre>	0.0s 0.0s 0.1s
[CV] [CV] [CV]	ENDmin_samples_leaf= ENDmin_samples_leaf= ENDmin_samples_leaf= ENDmin_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	<pre>total time= total time= total time= total time=</pre>	0.0s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=37	<pre>total time= total time= total time= total time= total time=</pre>	0.0s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV]	ENDmin_samples_leaf= ENDmin_samples_leaf= ENDmin_samples_leaf= ENDmin_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=37	<pre>total time= total time= total time= total time= total time=</pre>	0.0s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37	<pre>total time= total time= total time= total time= total time= total time=</pre>	0.0s 0.0s 0.1s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	BND min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39 16, min_samples_split=39 16, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf= END min_samp	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.1s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39	total time=	0.0s 0.1s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39	total time=	0.0s 0.1s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39	total time=	0.0s 0.1s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=36 16, min_samples_split=37 16, min_samples_split=38 16, min_samples_split=39	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	LG, min_samples_split=36 LG, min_samples_split=36 LG, min_samples_split=37 LG, min_samples_split=38 LG, min_samples_split=39 LG, min_samples_split=30 LG, min_samples_split	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	LG, min_samples_split=36 LG, min_samples_split=36 LG, min_samples_split=37 LG, min_samples_split=38 LG, min_samples_split=39 LG, min_samples_split=30 LG, min_samples_split	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	LG, min_samples_split=36 LG, min_samples_split=36 LG, min_samples_split=36 LG, min_samples_split=37 LG, min_samples_split=38 LG, min_samples_split=39 LG, min_samples_split=40	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39 L6, min_samples_split=40	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END min_samples_leaf=	L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=36 L6, min_samples_split=37 L6, min_samples_split=38 L6, min_samples_split=39 L6, min_samples_split=40	total time=	0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s

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[CV] END ......min samples leaf=16, min samples split=40; total time=
[CV] END ......min_samples_leaf=16, min_samples_split=40; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=1; total time=
[CV] END .....min samples leaf=17, min samples split=1; total time=
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[CV] END .....min samples leaf=17, min samples split=1; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=1; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=1; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=1; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=1; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=1; total time=
                                                                          0.0s
[CV] END .....min_samples_leaf=17, min_samples_split=1; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=1; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=2; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=2; total time=
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[CV] END .....min samples leaf=17, min samples split=2; total time=
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[CV] END .....min samples leaf=17, min samples split=2; total time=
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[CV] END .....min samples leaf=17, min samples split=2; total time=
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                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=2; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=2; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=2; total time=
                                                                          0.1s
[CV] END .....min_samples_leaf=17, min_samples_split=2; total time=
                                                                          0.1s
[CV] END .....min samples leaf=17, min samples split=3; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=3; total time=
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[CV] END .....min samples leaf=17, min samples split=3; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=3; total time=
                                                                          0.1s
[CV] END .....min samples leaf=17, min samples split=3; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=3; total time=
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[CV] END .....min samples leaf=17, min samples split=3; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=3; total time=
                                                                          0.05
[CV] END .....min samples leaf=17, min samples split=3; total time=
[CV] END .....min samples leaf=17, min samples split=3; total time=
                                                                          0.1s
[CV] END .....min samples leaf=17, min samples split=4; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
                                                                          0.05
[CV] END .....min samples leaf=17, min samples split=4; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
                                                                          0.0s
[CV] END .....min samples leaf=17, min samples split=4; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
                                                                          0.05
[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=4; total time=
                                                                          0.1s
[CV] END .....min samples leaf=17, min samples split=5; total time=
[CV] END .....min samples leaf=17, min samples split=5; total time=
                                                                          0.05
[CV] END .....min samples leaf=17, min samples split=5; total time=
                                                                          0.1s
[CV] END .....min_samples_leaf=17, min_samples_split=5; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=5; total time=
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[CV] END .....min samples leaf=17, min samples split=5; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=5; total time=
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[CV] END .....min_samples_leaf=17, min_samples_split=5; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=5; total time=
                                                                          0.1s
[CV] END .....min samples leaf=17, min samples split=5; total time=
                                                                          0.1s
[CV] END .....min_samples_leaf=17, min_samples_split=6; total time=
                                                                          0.05
[CV] END .....min_samples_leaf=17, min_samples_split=6; total time=
[CV] END .....min_samples_leaf=17, min_samples_split=6; total time=
                                                                          0.05
                                                                          0.0s
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[CV] END min_samples_leaf=1 [CV] END min_samples_leaf=1 [CV] END min_samples_leaf=1 [CV] END min_samples_leaf=1	<pre>p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=25;</pre>	<pre>total time= total time= total time= total time= total time=</pre>	0.0s 0.0s 0.0s 0.1s 0.0s
[CV] ENDmin_samples_leaf=1 [CV] ENDmin_samples_leaf=1 [CV] ENDmin_samples_leaf=1	<pre>p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=25;</pre>	<pre>total time= total time= total time= total time= total time=</pre>	0.0s 0.0s 0.0s 0.1s
[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25;</pre>	total time= total time= total time= total time= total time= total time=	0.0s 0.0s 0.0s 0.1s 0.0s
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[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26;</pre>	total time=	0.0s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
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[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26; 9, min_samples_split=26;</pre>	total time=	0.0s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1	2, min_samples_split=24; 3, min_samples_split=24; 4, min_samples_split=24; 5, min_samples_split=25; 6, min_samples_split=25; 7, min_samples_split=25; 8, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25; 10, min_samples_split=25; 11, min_samples_split=25; 12, min_samples_split=25; 13, min_samples_split=25; 14, min_samples_split=26; 15, min_samples_split=26; 16, min_samples_split=26; 17, min_samples_split=26; 18, min_samples_split=26; 19, min_samples_split=26; 10, min_samples_split=26; 11, min_samples_split=26; 12, min_samples_split=26; 13, min_samples_split=26; 14, min_samples_split=26; 15, min_samples_split=26; 16, min_samples_split=26; 17, min_samples_split=26; 18, min_samples_split=26; 19, min_samples_split=26; 10, min_samples_split=26; 11, min_samples_split=26; 12, min_samples_split=26; 13, min_samples_split=26; 14, min_samples_split=26; 15, min_samples_split=26; 16, min_samples_split=26; 17, min_samples_split=26; 17, min_samples_split=26; 17, min_samples_split=26; 17, min_samples_split=26; 17, min_samples_split=26; 17, min_samples_split=25; 17, min_samples_split=25; 17, min_samples_split=26;	total time=	0.0s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1	2, min_samples_split=24; 3, min_samples_split=24; 4, min_samples_split=24; 5, min_samples_split=25; 6, min_samples_split=25; 7, min_samples_split=25; 8, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=25; 9, min_samples_split=26;	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_split=26;</pre>	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_split=26;</pre>	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_s</pre>	total time=	0.0s 0.0s 0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	A, min_samples_split=24; A, min_samples_split=24; A, min_samples_split=24; A, min_samples_split=25; A, min_samples_split=26; A, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	<pre>9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=24; 9, min_samples_split=25; 9, min_samples_split=26; 9, min_samples_s</pre>	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=24; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=26; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=28; p, min_samples_split=28; p, min_samples_split=28; p, min_samples_split=28; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=28; p, min_samples_split=28; p, min_samples_split=28; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p, min_samples_split=24; p, min_samples_split=24; p, min_samples_split=25; p, min_samples_split=26; p, min_samples_split=27; p, min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28;	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] END min_samples_leaf=1 [CV] END	p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=24; p. min_samples_split=25; p. min_samples_split=26; p. min_samples_split=27; p. min_samples_split=28; p. min_samples_split=	total time=	0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s 0.0s

[C	V1	END	min samples leaf=19, min samples split=28;	total	time=	0.0s
-	-		min samples leaf=19, min samples split=28;			0.0s
			min_samples_leaf=19, min_samples_split=28;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=29;	total	time=	0.0s
			min samples leaf=19, min samples split=29;			0.0s
			min_samples_leaf=19, min_samples_split=29;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=29;	total	time=	0.1s
[C	V1	END	min samples leaf=19, min samples split=29;	total	time=	0.0s
_	_		min samples leaf=19, min samples split=29;			0.0s
_	_					
[C	V]	END	min_samples_leaf=19, min_samples_split=29;	total	time=	0.0s
[C	V]	END	min samples leaf=19, min samples split=29;	total	time=	0.0s
_	_		min samples leaf=19, min samples split=29;			0.0s
_	-					
			<pre>min_samples_leaf=19, min_samples_split=29;</pre>			0.1s
[C	V]	END	min samples leaf=19, min samples split=30;	total	time=	0.0s
LC.	V1	END	min samples leaf=19, min samples split=30;	total	time=	0.0s
_	_		min samples leaf=19, min samples split=30;			0.0s
_	_					
_	_		<pre>min_samples_leaf=19, min_samples_split=30;</pre>			0.0s
[C	V]	END	min samples leaf=19, min samples split=30;	total	time=	0.1s
[C	V1	FND	min samples leaf=19, min samples split=30;	total	time=	0.0s
_	_		min samples leaf=19, min samples split=30;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=30;	total	time=	0.0s
[C	V]	END	min samples leaf=19, min samples split=30;	total	time=	0.0s
	v1	END	min samples leaf=19, min samples split=30;	total	timo-	0.1s
_	_					
			min_samples_leaf=19, min_samples_split=31;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=31;	total	time=	0.0s
[[V1	END	min_samples_leaf=19, min_samples_split=31;	total	time=	0.0s
			min samples leaf=19, min samples split=31;			0.1s
-	-		_ ' _ ' _ ' _ '			
			min_samples_leaf=19, min_samples_split=31;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=31;	total	time=	0.0s
			min samples leaf=19, min samples split=31;			0.1s
_	_					
_	_		min_samples_leaf=19, min_samples_split=31;			0.0s
_	_		<pre>min_samples_leaf=19, min_samples_split=31;</pre>			0.0s
[C	V]	END	min samples leaf=19, min samples split=31;	total	time=	0.0s
_	_		min samples leaf=19, min samples split=32;			0.0s
_	-					
			min_samples_leaf=19, min_samples_split=32;			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=32;	total	time=	0.0s
[C	V1	END	min samples leaf=19, min samples split=32;	total	time=	0.0s
			min samples leaf=19, min samples split=32;			0.0s
_	_					
_	_		<pre>min_samples_leaf=19, min_samples_split=32;</pre>			0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=32;	total	time=	0.0s
[C	V1	END	min samples leaf=19, min samples split=32;	total	time=	0.1s
			min samples leaf=19, min samples split=32;			
				TOTAL	†1 m 🗕	0 0c
_	-					0.0s
[C	V]	END	min_samples_leaf=19, min_samples_split=32;	total	time=	0.0s
[C	V]	END		total	time=	
[C	V] V]	END END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33;	total total	time= time=	0.0s 0.1s
[C]	V] V] V]	END END END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=33;	total total total	<pre>time= time= time=</pre>	0.0s 0.1s 0.0s
[C] [O] [O]	V] V] V]	END END END END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=33;	total total total total	<pre>time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s
[0] [0] [0] [0]	V] V] V] V]	END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total total total total total	<pre>time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s
[0] [0] [0] [0]	V] V] V] V]	END END END END END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=33;	total total total total total	<pre>time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s
[0] [0] [0] [0] [0]	V] V] V] V] V]	END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total total total total total total	<pre>time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s
[C] [C] [C] [C]	V] V] V] V] V] V]	END END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total total total total total total total	<pre>time= time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s
[C] [C] [C] [C] [C]	V] V] V] V] V] V] V]	END END END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total total total total total total total total	<pre>time= time= time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1s
[C] [C] [C] [C] [C] [C]	V] V] V] V] V] V] V]	END END END END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total	<pre>time= time= time= time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1s 0.1s
[C] [C] [C] [C] [C]	V] V] V] V] V] V] V]	END END END END END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total	<pre>time= time= time= time= time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1s
[C] [C] [C] [C] [C]	V] V] V] V] V] V] V]	END END END END END END END END END END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;	total	<pre>time= time= time= time= time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.1s 0.1s 0.1s
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C C C C C C C C C C	V) V	END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=34;min_samples_leaf=19, min_samples_split=35;min_samples_leaf=19, min_samples_split=36;min_samples_leaf=19, m	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.0s 0.0
C C C C C C C C C C	V) V	END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=34;min_samples_leaf=19, min_samples_split=35;min_samples_leaf=19, min_samples_split=36;min_samples_leaf=19, m	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.0s 0.0
C C C C C C C C C C	V) V	END	min_samples_leaf=19, min_samples_split=32;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=33;min_samples_leaf=19, min_samples_split=34;min_samples_leaf=19, min_samples_split=35;min_samples_leaf=19, min_samples_split=36;min_samples_leaf=19, m	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.0s 0.0
201 201 201 201 201 201 201 201 201 201	V) V	END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=34; min_samples_leaf=19, min_samples_split=35; min_samples_leaf=19, min_samples_split=36; min_samples_leaf=19, min_	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.0s 0.0
C C C C C C C C C C	V) V	END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=34; min_samples_leaf=19, min_samples_split=35; min_samples_leaf=19, min_samples_split=36; min_samples_leaf=19, min_	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.1s
C C C C C C C C C C	V) V	END	min_samples_leaf=19, min_samples_split=32; min_samples_leaf=19, min_samples_split=33; min_samples_leaf=19, min_samples_split=34; min_samples_leaf=19, min_samples_split=35; min_samples_leaf=19, min_samples_split=36; min_samples_leaf=19, min_	total	time=	0.0s 0.1s 0.0s 0.0s 0.1s 0.1s 0.1s 0.1s

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			<pre>min_samples_split=13;</pre>		0.1s
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			<pre>min_samples_split=14;</pre>		0.1s
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			min samples split=14;		0.1s
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			min samples split=15;		0.1s
			_ · _ ·		
			<pre>min_samples_split=15;</pre>		0.0s
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			min samples split=16;		0.1s
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			<pre>min_samples_split=16;</pre>		0.1s
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			min samples split=16;		0.1s
					0.1s
			min_samples_split=16;		
			<pre>min_samples_split=16;</pre>		0.1s
			<pre>min_samples_split=16;</pre>		0.0s
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			min samples split=17;		0.1s
			<pre>min_samples_split=17;</pre>		0.0s
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[CV]	END	 min_samples_leaf=20,	<pre>min_samples_split=17;</pre>	total time=	0.1s
	END				
[CV]	FND	 min samples leaf=20,	<pre>min samples split=17;</pre>	total time=	0.0s
			_ · _ ·		
[CV]	END	 min_samples_leaf=20,	<pre>min_samples_split=17;</pre>	total time=	0.1s
[CV]	END END	 <pre>min_samples_leaf=20,min_samples_leaf=20,</pre>	<pre>min_samples_split=17; min_samples_split=17;</pre>	<pre>total time= total time=</pre>	0.1s 0.1s
[CV] [CV] [CV]	END END END	 <pre>min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,</pre>	<pre>min_samples_split=17; min_samples_split=17; min_samples_split=17;</pre>	<pre>total time= total time=</pre>	0.1s 0.1s 0.1s
[CV] [CV] [CV]	END END END END	 min_samples_leaf=20, min_samples_leaf=20, min_samples_leaf=20, min_samples_leaf=20,	<pre>min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18;</pre>	<pre>total time= total time= total time=</pre>	0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV]	END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	<pre>min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18;</pre>	<pre>total time= total time= total time= total time=</pre>	0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV]	END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	<pre>min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18;</pre>	<pre>total time= total time= total time= total time=</pre>	0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV]	END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	<pre>min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18;</pre>	<pre>total time= total time= total time= total time= total time= total time=</pre>	0.1s 0.1s 0.1s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV]	END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV]	END END END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV]	END END END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	 min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18;	total time=	0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=20; min_samples_split=21; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21; min_samples_split=21; min_samples_split=21; min_samples_split=21; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.0s 0.1s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20,	min_samples_split=17; min_samples_split=17; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=18; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=19; min_samples_split=20; min_samples_split=21;	total time=	0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s 0.1s

[CV]	END	min samples leaf=20, min samples split=21	: total ti	me= 0.0s
		min_samples_leaf=20, min_samples_split=22		
[CV]	END	min samples leaf=20, min samples split=22	: total ti	me= 0.0s
[CV]	FIND	min_samples_leaf=20, min_samples_split=22	; total ti	me=0.1s
[CV]	FND	min samples leaf=20, min samples split=22	: total ti	me= 0.0s
[CV]	FND	min_samples_leaf=20, min_samples_split=22	; total ti	me=0.1s
[CV]	FND	min samples leaf=20, min samples split=22	· total ti	me= 0.1s
[CV]	FND	min_samples_leaf=20, min_samples_split=22	; total ti	me= 0.0s
[CV]	FND	min samples leaf=20, min samples split=22	· total ti	me= 0.1s
[CV]	FND	min_samples_leaf=20, min_samples_split=22	; total ti	me= 0.0s
[CV]	FND	min samples leaf=20, min samples split=22	· total ti	me= 0.0s
[CV]	FND	min_samples_leaf=20, min_samples_split=23	; total ti	me=0.1s
[CV]	FND	min samples leaf=20, min samples split=23	· total ti	me= 0.0s
[CV]	FND	min_samples_leaf=20, min_samples_split=23	; total ti	me=0.1s
[CV]	FND	min samples leaf=20, min samples split=23	: total ti	me= 0.0s
		_ ,	•	
[CV]	FIND	min_samples_leaf=20, min_samples_split=23	; total ti	me=0.1s
[CV]	END	min samples leaf=20, min samples split=23	: total ti	me= 0.1s
		min samples leaf=20, min samples split=23		
[CV]	END	min samples leaf=20, min samples split=23	; total ti	me = 0.1s
[CV]	FND	min samples leaf=20, min samples split=23	· total ti	me= 0.1s
[CV]	END	min_samples_leaf=20, min_samples_split=23	; total ti	me=0.1s
[CV]	FND	min samples leaf=20, min samples split=24	: total ti	me= 0.1s
		min_samples_leaf=20, min_samples_split=24		
[CV]	END	min samples leaf=20, min samples split=24	; total ti	me= 0.0s
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[CV]	END	min_samples_leaf=20, min_samples_split=24	; total ti	me= 0.0s
		min samples leaf=20, min samples split=24		
		min_samples_leaf=20, min_samples_split=24		
[CV]	END	min samples leaf=20, min samples split=24	: total ti	me= 0.0s
		min_samples_leaf=20, min_samples_split=24	•	
[CV]	END	min samples leaf=20, min samples split=24	; total ti	me= 0.0s
		min samples leaf=20, min samples split=25		
[CV]	END	min_samples_leaf=20, min_samples_split=25	; total ti	me= 0.0s
[(\)]	FND	min samples leaf=20, min samples split=25	: total ti	me= 0.0s
[CV]	END	min_samples_leaf=20, min_samples_split=25	; total ti	me= 0.0s
[CV]	FND	min samples leaf=20, min samples split=25	: total ti	me= 0.0s
[CV]	EIND	min_samples_leaf=20, min_samples_split=25	; totat ti	
[CV]	END	min samples leaf=20, min samples split=25	; total ti	me= 0.0s
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	LIVE			
[CV]	END	min_samples_leaf=20, min_samples_split=25	; total ti	me= 0.0s
[CV]	END	min_samples_leaf=20, min_samples_split=25	; total ti	me= 0.0s
[CV]	END END	min_samples_leaf=20, min_samples_split=25	; total ti ; total ti	me= 0.0s me= 0.1s
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[CV] [CV] [CV]	END END END	min_samples_leaf=20, min_samples_split=25min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26	; total ti ; total ti ; total ti ; total ti	me= 0.0s me= 0.1s me= 0.0s me= 0.0s
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[CV] [CV] [CV]	END END END END END	min_samples_leaf=20, min_samples_split=25min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26	; total ti ; total ti ; total ti ; total ti ; total ti ; total ti	me= 0.0s me= 0.1s me= 0.0s me= 0.0s me= 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf=20, min_samples_split=25min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=26	; total tii ; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.1s me= 0.0s me= 0.0s me= 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27	; total tii	me= 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=28min_samples_leaf=20, mi	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=28min_samples_leaf=20, min	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s me= 0.0s
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.1s me= 0.1s me= 0.1s me= 0.1s me= 0.1s me= 0.1s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.1s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END		; total tii	me= 0.0s me= 0.1s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.1s me= 0.0s me= 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26min_samples_leaf=20, min_samples_split=27min_samples_leaf=20, min_samples_split=28min_samples_leaf=20, min_samples_split=29min_samples_leaf=20,	; total tii	me= 0.0s me= 0.s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END	min_samples_leaf=20, min_samples_split=26	; total tii	me= 0.0s me= 0.s

[CV]	END	 min samples leaf=	=20, r	min samples	split=30;	total	time=	0.1s
[CV]	END	 min samples leaf=	=20. r	min samples	split=30:	total	time=	0.1s
		min samples leaf=						0.1s
		min_samples_leaf=						0.0s
[CV]	END	 min_samples_leaf=	=20, r	min_samples_	split=30;	total	time=	0.0s
[CV]	END	 min samples leaf=	=20. r	min samples	split=30:	total	time=	0.0s
		min samples leaf=						0.0s
		min_samples_leaf=						0.1s
		min_samples_leaf=						0.1s
[CV]	END	 min_samples_leaf=	=20, r	min_samples_	split=31;	total	time=	0.1s
[CV]	END	 min samples leaf=	=20. r	min samples	split=31:	total	time=	0.1s
		min samples leaf=						0.1s
		min samples leaf=	-					0.1s
		min_samples_leaf=						0.1s
[CV]	END	 min_samples_leaf=	=20, r	min_samples_	split=31;	total	time=	0.1s
[CV]	END	 min samples leaf=	=20, r	min samples	split=31;	total	time=	0.0s
[CV]	END	 min samples leaf=	=20. r	min samples	split=31:	total	time=	0.0s
		min samples leaf=						0.0s
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		min_samples_leaf=						0.0s
[CV]	END	 min_samples_leaf=	=20, r	min_samples_	_split=32;	total	time=	0.1s
[CV]	END	 min samples leaf=	=20, r	min samples	split=32;	total	time=	0.0s
[CV]	END	 min samples leaf=	=20. r	min samples	split=32:	total	time=	0.0s
		min samples leaf=						0.0s
		min samples leaf=	-					0.0s
		min_samples_leaf=	-					0.1s
		min_samples_leaf=						0.0s
[CV]	END	 min_samples_leaf=	=20, r	min_samples	split=33;	total	time=	0.1s
		min samples leaf=						0.0s
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		min_samples_leaf=						0.1s
		min_samples_leaf=						0.0s
[CV]	END	 min_samples_leaf=	=20, r	min_samples_	split=33;	total	time=	0.1s
[CV]	END	 min samples leaf=	=20, r	min samples	split=33;	total	time=	0.0s
[CV]	FND	 min samples leaf=	=20. r	min samples	split=33:	total	time=	0.1s
		min samples leaf=						0.0s
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		min_samples_leaf=	-					0.0s
[CV]	END	 min_samples_leaf=	=20. r			total		0.16
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[CV]	CIND	 min_samples_leaf=						0.1s
			=20, r	min_samples_	split=34;	total	time=	
[CV]	END	 min_samples_leaf=	=20 , r =20 , r	min_samples_ min_samples_	split=34; split=34;	total total	time= time=	0.0s 0.1s
[CV]	END END	 min_samples_leaf= min_samples_leaf=	=20, r =20, r =20, r	min_samples_ min_samples_ min_samples_	<pre>split=34; split=34; split=34;</pre>	total total total	time= time= time=	0.0s 0.1s 0.0s
[CV] [CV]	END END END	 min_samples_leaf= min_samples_leaf= min_samples_leaf=	=20, r =20, r =20, r =20, r	min_samples_ min_samples_ min_samples_ min_samples_	<pre>split=34; split=34; split=34; split=34;</pre>	total total total total	time= time= time= time=	0.0s 0.1s 0.0s 0.0s
[CV] [CV] [CV]	END END END	 min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r	min_samples_ min_samples_ min_samples_ min_samples_ min_samples_	<pre>split=34; split=34; split=34; split=34; split=34;</pre>	total total total total total	<pre>time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s
[CV] [CV] [CV]	END END END END END	 min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r =20, r	min_samples_ min_samples_ min_samples_ min_samples_ min_samples_ min_samples_	<pre>split=34; split=34; split=34; split=34; split=34; split=34;</pre>	total total total total total total	<pre>time= time= time= time= time= time=</pre>	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s
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[CV] [CV] [CV] [CV] [CV]	END END END END END END END	 min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf= min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r =20, r =20, r	min samples min samples min samples min samples min samples min samples min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35;	total total total total total total total total	time= time= time= time= time= time= time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END	 min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r	min samples min samples min samples min samples min samples min samples min samples min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END	 min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r	min samples min samples min samples min samples min samples min samples min samples min samples min samples min samples	<pre>split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35;</pre>	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END	min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=	=20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r =20, r	min samples min samples min samples min samples min samples min samples min samples min samples min samples min samples	<pre>split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35;</pre>	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s
[CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=min_samples_leaf=	=20, r =20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leaf-	=20, r =20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leaf-	=20, r =20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leaf-	=20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leafmin_samples_leaf-	=20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf-	=20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf-	=20, r	min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[CV] [CV] [CV] [CV] [CV] [CV] [CV] [CV]	END END END END END END END END END END	min_samples_leaf-	=20, r	min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples min_samples	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END END END END END END END END END END	min_samples_leaf=	=20, r	min_samples_	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min_samples_	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min samples min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min_samples_	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min_samples_	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r	min samples	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=37; split=37; split=37;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=min_	=20, r = 20, r	min_samples_ min_s	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=37;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
[cv] [cv] [cv] [cv] [cv] [cv] [cv] [cv]	END	min_samples_leaf=	=20, r = 20, r	min_samples_ min_s	split=34; split=34; split=34; split=34; split=34; split=34; split=35; split=35; split=35; split=35; split=35; split=35; split=35; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=36; split=37;	total	time=	0.0s 0.1s 0.0s 0.0s 0.0s 0.0s 0.1s 0.0s 0.1s 0.1
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[CV] END .....min samples leaf=20, min samples split=40; total time=
[CV] END .....min_samples_leaf=20, min_samples_split=40; total time=
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[CV] END ......min samples leaf=20, min samples split=40; total time=
ges\Python310\site-packages\sklearn\model selection\ validation.py:378: FitFailedWarning:
200 fits failed out of a total of 8000.
The score on these train-test partitions for these parameters will be set to nan.
If these failures are not expected, you can try to debug them by setting error score='raise'.
Below are more details about the failures:
200 fits failed with the following error:
Traceback (most recent call last):
  File \ "C:\Users\aliba\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.10 \ qbz5n2kfra8p0\LocalCache\localPackages\PythonSoftwareFoundation.Python.3.10 \ qbz5n2kfra8p0\LocalPackages\PythonSoftwareFoundation.Python.3.10 \ qbz5n2kfra8p0\PythonSoftwareFoundation.Python.3.10 \ qbz5n2kfra8p0\PythonSoftwareFoundation.Python.3.10 \ qbz5n2kfra8p0\PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareFoundation.PythonSoftwareF
al-packages\Python310\site-packages\sklearn\model selection\ validation.py", line 686, in fit and score
      estimator.fit(X_train, y_train, **fit_params)
   File "C:\Users\aliba\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.10 qbz5n2kfra8p0\LocalCache\loc
al-packages\Python310\site-packages\sklearn\tree\_classes.py", line 969, in fit
      super().fit(
   File "C:\Users\aliba\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.10_qbz5n2kfra8p0\LocalCache\loc
al-packages\Python310\site-packages\sklearn\tree\_classes.py", line 265, in fit
   File "C:\Users\aliba\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.10 qbz5n2kfra8p0\LocalCache\loc
al-packages \verb|\packages| Python 310 \verb|\site-packages| Sklearn \verb|\utils| validation.py", line 1480, in check\_scalarn \verb|\packages| Sklearn \verb|\packages| Python 1480, in check\_scalarn Python 1480, in chec
      raise ValueError(
ValueError: min samples split == 1, must be >= 2.
  warnings.warn(some fits failed message, FitFailedWarning)
ges\Python310\site-packages\sklearn\model selection\ search.py:953: UserWarning: One or more of the test scores
are non-finite: [ nan 0.9944 0.996 0.9944 0.996 0.9948 0.9956 0.9954 0.9952
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 warnings.warn(
ges\Python310\site-packages\sklearn\model_selection\_search.py:953: UserWarning: One or more of the train score
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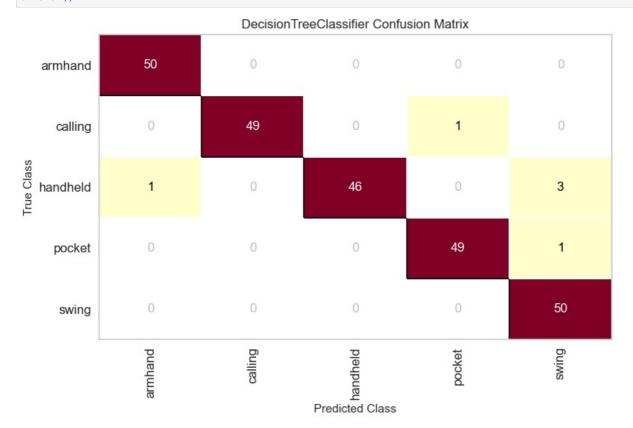
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warnings.warn(
```

{'min_samples_leaf': 1, 'min_samples_split': 37}
Accuracy:0.99639999999999

```
In [14]: #utilizziamo i best parameters e vediamo i risultati
best_dt=DecisionTreeClassifier(splitter="best",min_samples_leaf= 2, min_samples_split=30)#.fit(F_x_eqWDE, eq_modelseaf= 2)
```

```
In [15]: #Confusion matrix, 85 stride per ogni label
    cm=ConfusionMatrix(clf.best_estimator_)
    cm.fit(class_x_train, class_y_train)
    cm.score(class_x_test, class_y_test)
    cm.show()
```



```
In [16]: #Classification report del best_dt
    y_pred=clf.best_estimator_.predict(class_x_test)
    print(print(classification_report(class_y_test, y_pred)))
```

	precision	recall	f1-score	support
armhand	0.98	1.00	0.99	50
calling	1.00	0.98	0.99	50
handheld	1.00	0.92	0.96	50
pocket	0.98	0.98	0.98	50
swing	0.93	1.00	0.96	50
accuracy			0.98	250
macro avg	0.98	0.98	0.98	250
weighted avg	0.98	0.98	0.98	250

None