

## Machine Learning Project (REGRESSION)

### PAS180003 - Priyanka Arvind Savant

#### Data Set Information:

This dataset is taken from kaggle.

This dataset contains house sale prices for King County, which includes Seattle. It includes homes sold between May 2014 and May 2015. The goal is to predict the house sale price in King County by building regression models that can fit the dataset the best. The dataset consists of 21613 rows and 21 columns. Consider price as the target column for regression tasks.

Importing key Libraries.

In [1]:

```
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
```

To make sure that the whole output is printed and to handle warnings.

In [2]:

```
from IPython.core.interactiveshell import InteractiveShell
InteractiveShell.ast_node_interactivity = "all"

import warnings
warnings.filterwarnings("ignore")
```

In [3]:

```
house_predict = pd.read_csv("house_predict.csv")
```

In [4]:

```
house_predict
```

Out[4]:

	id	date	price	bedrooms	bathrooms	sqft_living	sqft_lot
0	7129300520	20141013T000000	221900.0	3	1.00	1180	5650
1	6414100192	20141209T000000	538000.0	3	2.25	2570	7242
2	5631500400	20150225T000000	180000.0	2	1.00	770	10000
3	2487200875	20141209T000000	604000.0	4	3.00	1960	5000
4	1954400510	20150218T000000	510000.0	3	2.00	1680	8080
5	7237550310	20140512T000000	1230000.0	4	4.50	5420	101930
6	1321400060	20140627T000000	257500.0	3	2.25	1715	6819
7	2008000270	20150115T000000	291850.0	3	1.50	1060	9711
8	2414600126	20150415T000000	229500.0	3	1.00	1780	7470
9	3793500160	20150312T000000	323000.0	3	2.50	1890	6560
10	1736800520	20150403T000000	662500.0	3	2.50	3560	9796
11	9212900260	20140527T000000	468000.0	2	1.00	1160	6000
12	114101516	20140528T000000	310000.0	3	1.00	1430	19901
13	6054650070	20141007T000000	400000.0	3	1.75	1370	9680
14	1175000570	20150312T000000	530000.0	5	2.00	1810	4850
15	9297300055	20150124T000000	650000.0	4	3.00	2950	5000
16	1875500060	20140731T000000	395000.0	3	2.00	1890	14040
17	6865200140	20140529T000000	485000.0	4	1.00	1600	4300
18	16000397	20141205T000000	189000.0	2	1.00	1200	9850
19	7983200060	20150424T000000	230000.0	3	1.00	1250	9774
20	6300500875	20140514T000000	385000.0	4	1.75	1620	4980
21	2524049179	20140826T000000	2000000.0	3	2.75	3050	44867
22	7137970340	20140703T000000	285000.0	5	2.50	2270	6300
23	8091400200	20140516T000000	252700.0	2	1.50	1070	9643
24	3814700200	20141120T000000	329000.0	3	2.25	2450	6500
25	1202000200	20141103T000000	233000.0	3	2.00	1710	4697
26	1794500383	20140626T000000	937000.0	3	1.75	2450	2691
27	3303700376	20141201T000000	667000.0	3	1.00	1400	1581
28	5101402488	20140624T000000	438000.0	3	1.75	1520	6380
29	1873100390	20150302T000000	719000.0	4	2.50	2570	7173
...	...	...	...	...	...	...	...
21583	2025049203	20140610T000000	399950.0	2	1.00	710	1157
21584	952006823	20141202T000000	380000.0	3	2.50	1260	900
21585	3832050760	20140828T000000	270000.0	3	2.50	1870	5000
21586	2767604724	20141015T000000	505000.0	2	2.50	1430	1201
21587	6632300207	20150305T000000	385000.0	3	2.50	1520	1488
21588	2767600688	20141113T000000	414500.0	2	1.50	1210	1278

	id	date	price	bedrooms	bathrooms	sqft_living	sqft_lot
<b>21589</b>	7570050450	20140910T000000	347500.0	3	2.50	2540	4760
<b>21590</b>	7430200100	20140514T000000	1220000.0	4	3.50	4910	9444
<b>21591</b>	4140940150	20141002T000000	572000.0	4	2.75	2770	3852
<b>21592</b>	1931300412	20150416T000000	475000.0	3	2.25	1190	1200
<b>21593</b>	8672200110	20150317T000000	1090000.0	5	3.75	4170	8142
<b>21594</b>	5087900040	20141017T000000	350000.0	4	2.75	2500	5995
<b>21595</b>	1972201967	20141031T000000	520000.0	2	2.25	1530	981
<b>21596</b>	7502800100	20140813T000000	679950.0	5	2.75	3600	9437
<b>21597</b>	191100405	20150421T000000	1580000.0	4	3.25	3410	10125
<b>21598</b>	8956200760	20141013T000000	541800.0	4	2.50	3118	7866
<b>21599</b>	7202300110	20140915T000000	810000.0	4	3.00	3990	7838
<b>21600</b>	249000205	20141015T000000	1540000.0	5	3.75	4470	8088
<b>21601</b>	5100403806	20150407T000000	467000.0	3	2.50	1425	1179
<b>21602</b>	844000965	20140626T000000	224000.0	3	1.75	1500	11968
<b>21603</b>	7852140040	20140825T000000	507250.0	3	2.50	2270	5536
<b>21604</b>	9834201367	20150126T000000	429000.0	3	2.00	1490	1126
<b>21605</b>	3448900210	20141014T000000	610685.0	4	2.50	2520	6023
<b>21606</b>	7936000429	20150326T000000	1010000.0	4	3.50	3510	7200
<b>21607</b>	2997800021	20150219T000000	475000.0	3	2.50	1310	1294
<b>21608</b>	263000018	20140521T000000	360000.0	3	2.50	1530	1131
<b>21609</b>	6600060120	20150223T000000	400000.0	4	2.50	2310	5813
<b>21610</b>	1523300141	20140623T000000	402101.0	2	0.75	1020	1350
<b>21611</b>	291310100	20150116T000000	400000.0	3	2.50	1600	2388
<b>21612</b>	1523300157	20141015T000000	325000.0	2	0.75	1020	1076

21613 rows × 21 columns

In [5]:

```
house_predict.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 21613 entries, 0 to 21612
Data columns (total 21 columns):
id                21613 non-null int64
date              21613 non-null object
price             21613 non-null float64
bedrooms          21613 non-null int64
bathrooms         21613 non-null float64
sqft_living       21613 non-null int64
sqft_lot          21613 non-null int64
floors            21613 non-null float64
waterfront        21613 non-null int64
view              21613 non-null int64
condition         21613 non-null int64
grade             21613 non-null int64
sqft_above        21613 non-null int64
sqft_basement     21613 non-null int64
yr_built          21613 non-null int64
yr_renovated      21613 non-null int64
zipcode           21613 non-null int64
lat               21613 non-null float64
long              21613 non-null float64
sqft_living15     21613 non-null int64
sqft_lot15        21613 non-null int64
dtypes: float64(5), int64(15), object(1)
memory usage: 3.5+ MB
```

In [6]:

```
#checking for null values
house_predict.isnull().sum()
```

Out[6]:

```
id                0
date              0
price             0
bedrooms          0
bathrooms         0
sqft_living       0
sqft_lot          0
floors            0
waterfront        0
view              0
condition         0
grade             0
sqft_above        0
sqft_basement     0
yr_built          0
yr_renovated      0
zipcode           0
lat               0
long              0
sqft_living15     0
sqft_lot15        0
dtype: int64
```

In [7]:

```
house_predict.shape
```

Out[7]:

```
(21613, 21)
```

## Exploratory Data Analysis

First , let us analyze house\_predict.

In [8]:

```
house_predict.dtypes
```

Out[8]:

id	int64
date	object
price	float64
bedrooms	int64
bathrooms	float64
sqft_living	int64
sqft_lot	int64
floors	float64
waterfront	int64
view	int64
condition	int64
grade	int64
sqft_above	int64
sqft_basement	int64
yr_built	int64
yr_renovated	int64
zipcode	int64
lat	float64
long	float64
sqft_living15	int64
sqft_lot15	int64

dtype: object

- 1.house\_predict contains 21613 rows and 21 columns. 2.All columns contain 21613 non-null values.
- 3.Datatype breakdown: a.Columns 'price','bathrooms','floors','lat',and 'long' are float64. b.Column 'date' is of object datatype and the remaining are int64.

In [9]:

```
# we checked for null values in the columns they aren't any, now, we check for unwanted columns and remove those
#1. The date column can be removed as it has no contribution to the prices.
#2. for remaining columns we need to visualize them first individually.
#3. Need to be clear about data dictionary and careful while removing columns because we might remove important one.
print(house_predict['waterfront'].value_counts())
print(house_predict['view'].value_counts())
print(house_predict['condition'].value_counts())
```

0 21450

1 163

Name: waterfront, dtype: int64

0 19489

2 963

3 510

1 332

4 319

Name: view, dtype: int64

3 14031

4 5679

5 1701

2 172

1 30

Name: condition, dtype: int64

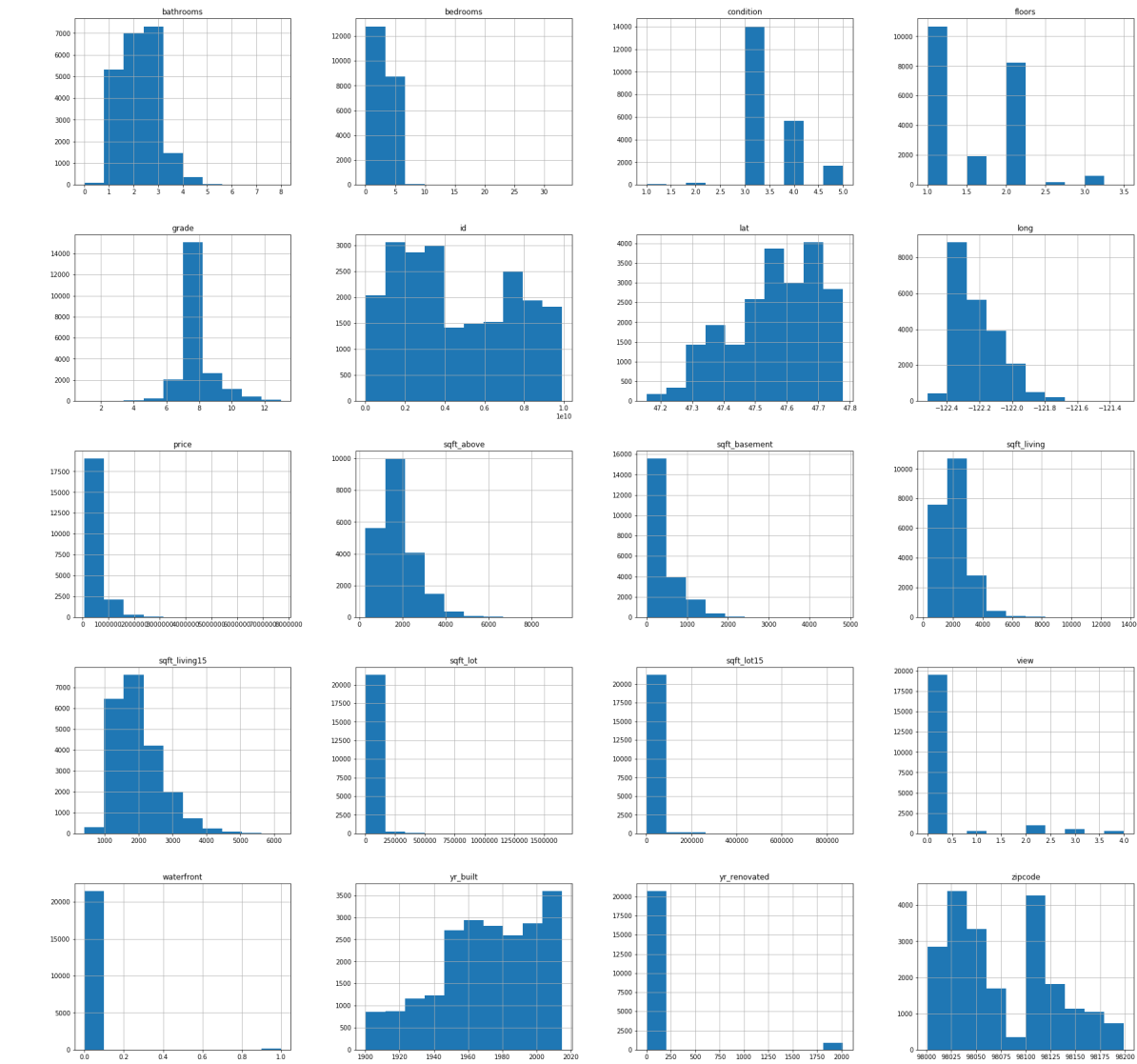
In [10]:

```
house_predict.hist(sharex=False, sharey=False, figsize=(30, 30), xlabelsize=10, ylabelsize=10)  
plt.show()
```



Out[10]:

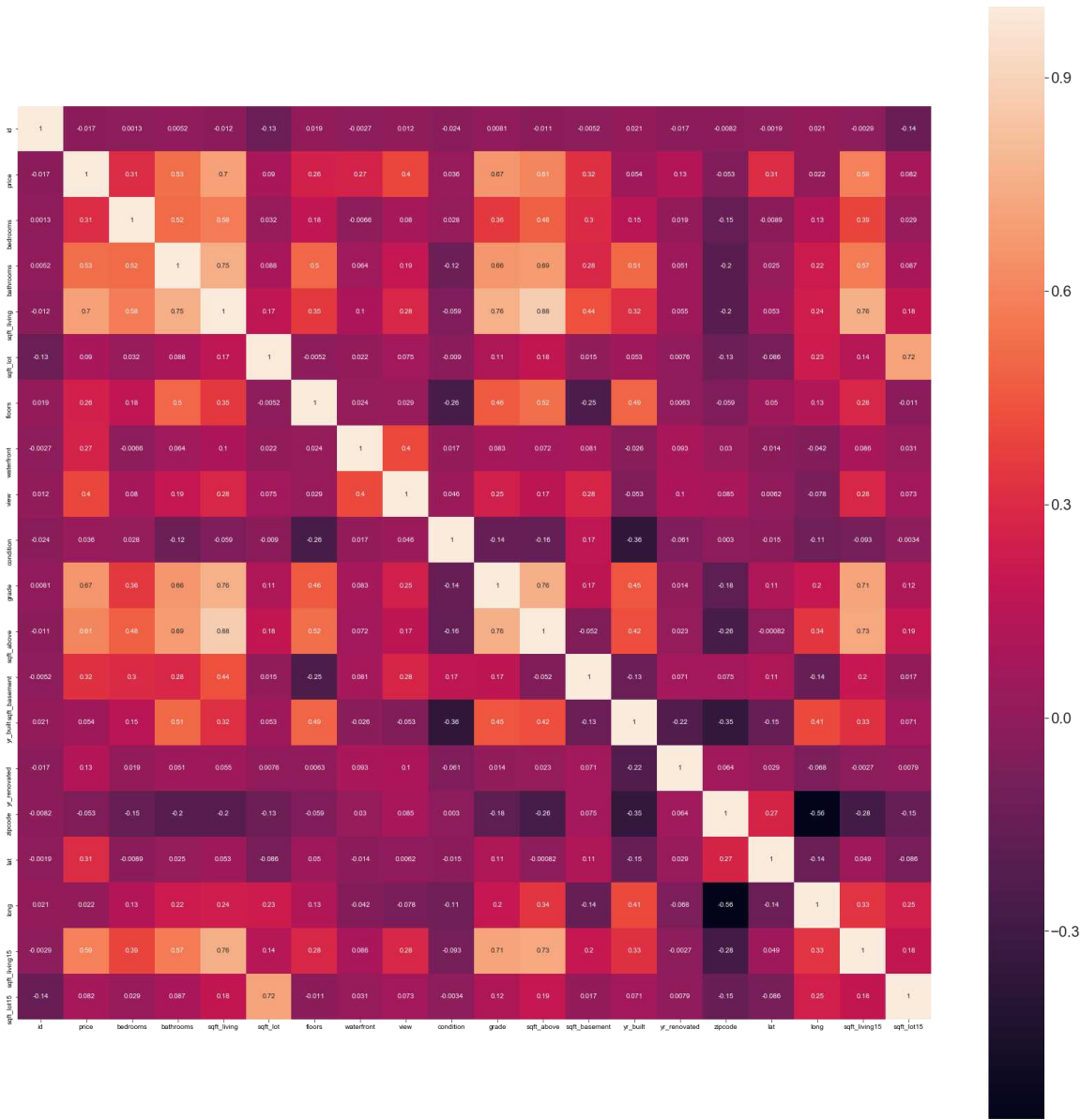
```
array([[<matplotlib.axes._subplots.AxesSubplot object at 0x0000028086DBBB0
0>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086DFDE4
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086E3639
0>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086E6290
8>],
      [<matplotlib.axes._subplots.AxesSubplot object at 0x0000028086E96EB
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086ED04A
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086F02A5
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086F4208
0>],
      [<matplotlib.axes._subplots.AxesSubplot object at 0x0000028086F420B
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086F9FBA
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x0000028086FDD19
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x000002808700C74
8>],
      [<matplotlib.axes._subplots.AxesSubplot object at 0x000002808703FCF
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x000002808707C2E
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x00000280870AB89
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x00000280870DAE4
8>],
      [<matplotlib.axes._subplots.AxesSubplot object at 0x000002808711943
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x00000280871489E
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x000002808717BF9
8>,
      <matplotlib.axes._subplots.AxesSubplot object at 0x000002808A45858
8>]],
      dtype=object)
```



In [11]:

```
#correlation_heatmap
import seaborn as sns
fig = plt.subplots(figsize = (30,30))
sns.set(font_scale=2.0)
sns.heatmap(house_predict.corr(),square = True,cbar=True,annot=True,annot_kws={'size':
10})
plt.show()
```

```
Out[11]:  
<matplotlib.axes._subplots.AxesSubplot at 0x2808b4e8400>
```



In [12]:

```
house_predict.columns
```

Out[12]:

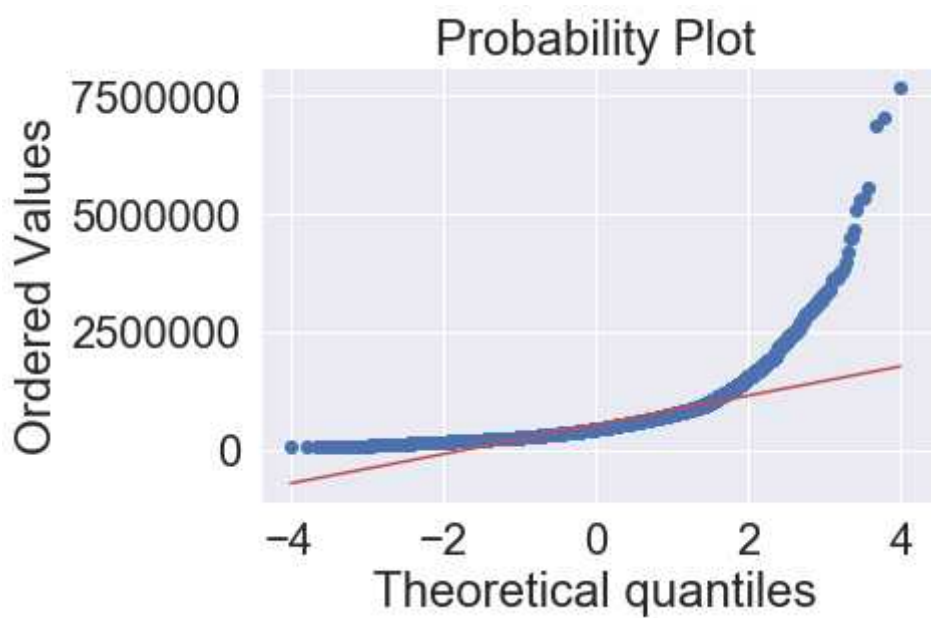
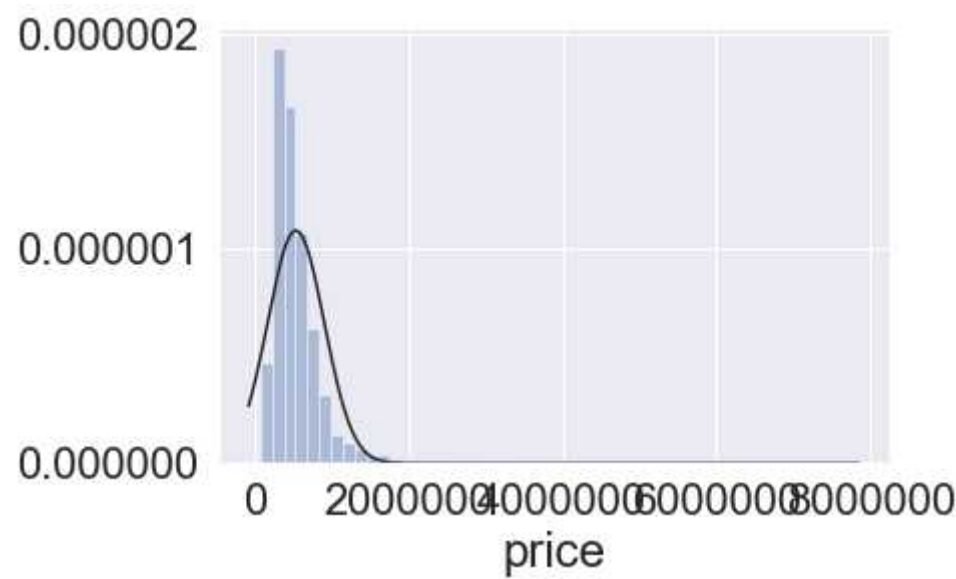
```
Index(['id', 'date', 'price', 'bedrooms', 'bathrooms', 'sqft_living',  
      'sqft_lot', 'floors', 'waterfront', 'view', 'condition', 'grade',  
      'sqft_above', 'sqft_basement', 'yr_built', 'yr_renovated', 'zipcod  
e',  
      'lat', 'long', 'sqft_living15', 'sqft_lot15'],  
      dtype='object')
```

In [13]:

```
from scipy.stats import norm
from scipy import stats
import seaborn as sns
#histogram and normal probability plot
sns.distplot(house_predict['price'], fit=norm, bins=50, kde=False);
fig = plt.figure()
res = stats.probplot(house_predict['price'], plot=plt)
```

Out[13]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x2808b5b7978>

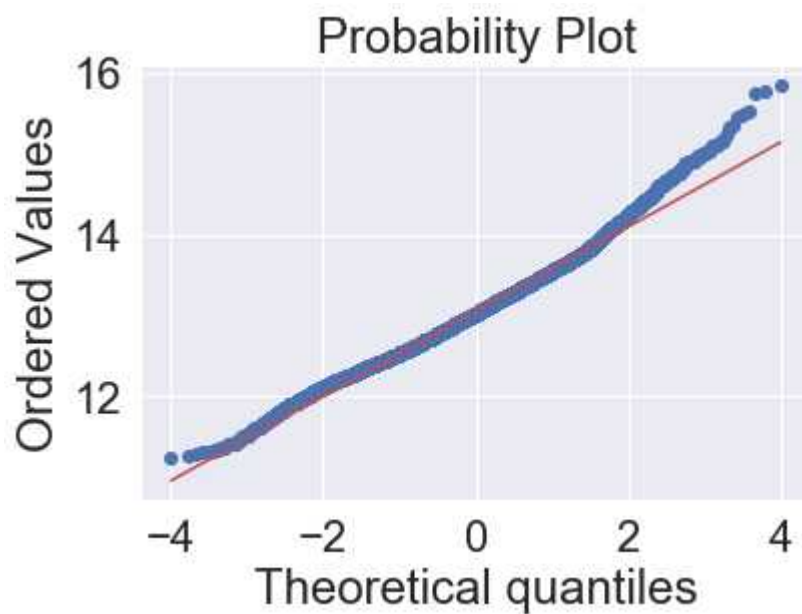
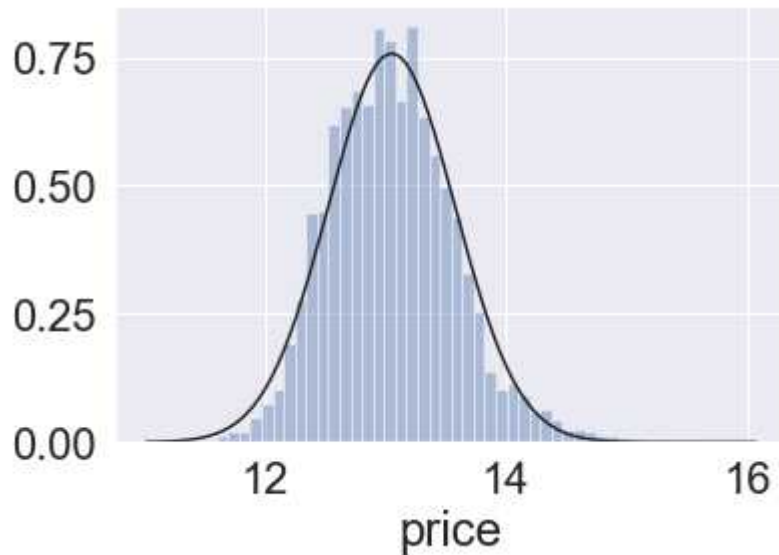


In [14]:

```
house_predict['price'] = np.log(house_predict['price'])  
sns.distplot(house_predict['price'], fit=norm, bins=50, kde=False);  
fig = plt.figure()  
res = stats.probplot(house_predict['price'], plot=plt)
```

Out[14]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x28087437470>



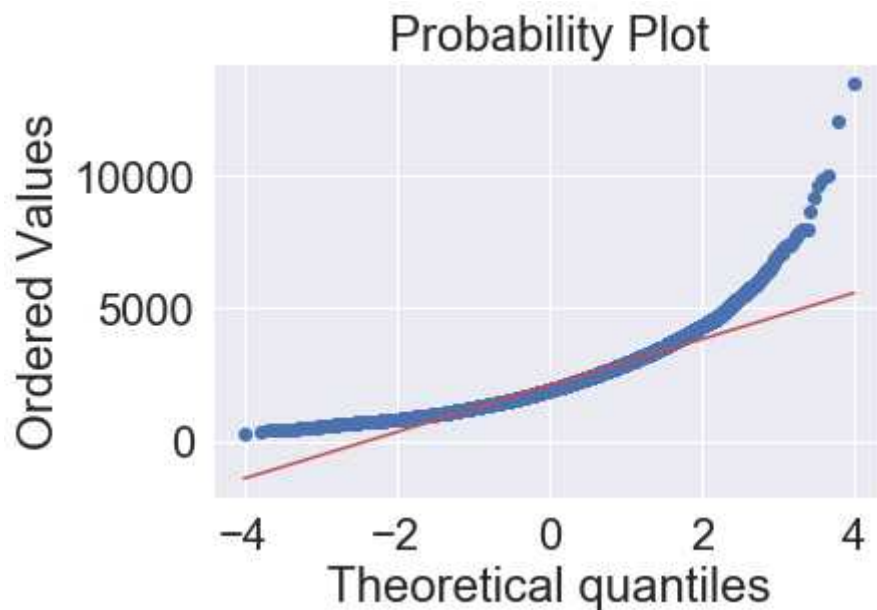
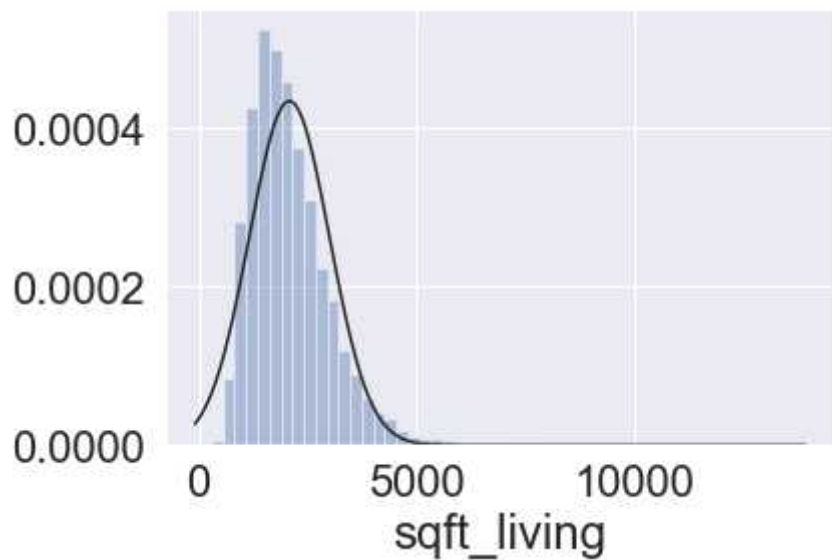


In [15]:

```
#histogram and normal probability plot  
sns.distplot(house_predict['sqft_living'], fit=norm, bins=50, kde=False);  
fig = plt.figure()  
res = stats.probplot(house_predict['sqft_living'], plot=plt)
```

Out[15]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x2808d8449e8>

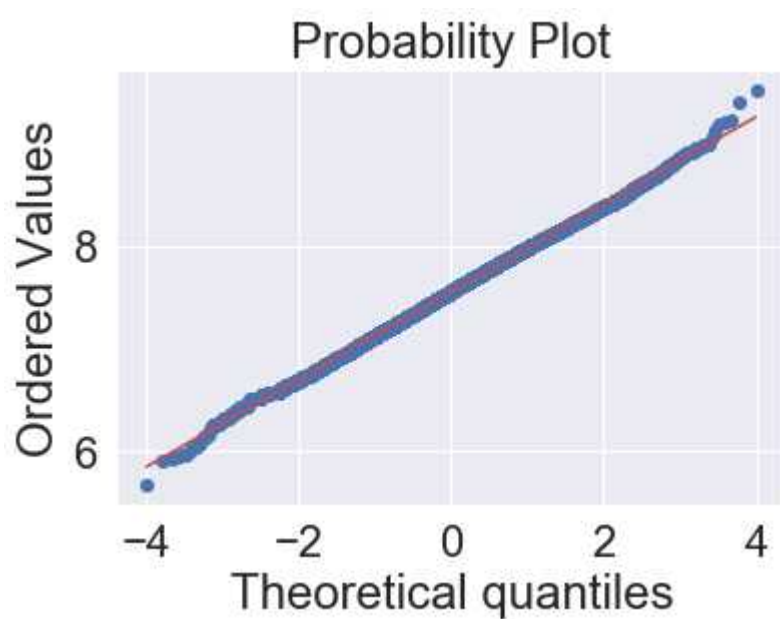
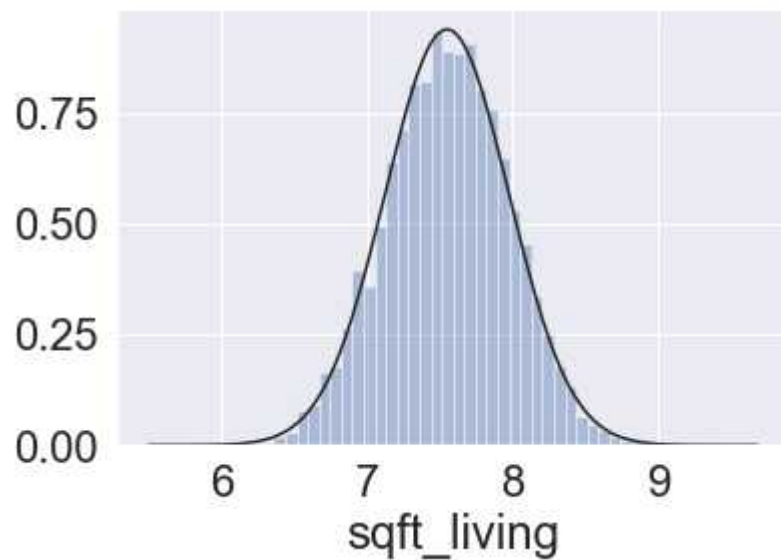


In [16]:

```
house_predict['sqft_living'] = np.log(house_predict['sqft_living'])  
sns.distplot(house_predict['sqft_living'], fit=norm, bins=50, kde=False);  
fig = plt.figure()  
res = stats.probplot(house_predict['sqft_living'], plot=plt)
```

Out[16]:

<matplotlib.axes.\_subplots.AxesSubplot at 0x2808d8272b0>



In [17]:

```
# 'waterfront', 'view', 'lat', 'long'  
predict = house_predict.drop(['id', 'date', 'zipcode'], axis=1)  
predict
```

Out[17]:

	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view	cond
0	12.309982	3	1.00	7.073270	5650	1.0	0	0	
1	13.195614	3	2.25	7.851661	7242	2.0	0	0	
2	12.100712	2	1.00	6.646391	10000	1.0	0	0	
3	13.311329	4	3.00	7.580700	5000	1.0	0	0	
4	13.142166	3	2.00	7.426549	8080	1.0	0	0	
5	14.022525	4	4.50	8.597851	101930	1.0	0	0	
6	12.458775	3	2.25	7.447168	6819	2.0	0	0	
7	12.583995	3	1.50	6.966024	9711	1.0	0	0	
8	12.343658	3	1.00	7.484369	7470	1.0	0	0	
9	12.685408	3	2.50	7.544332	6560	2.0	0	0	
10	13.403776	3	2.50	8.177516	9796	1.0	0	0	
11	13.056224	2	1.00	7.056175	6000	1.0	0	0	
12	12.644328	3	1.00	7.265430	19901	1.5	0	0	
13	12.899220	3	1.75	7.222566	9680	1.0	0	0	
14	13.180632	5	2.00	7.501082	4850	1.5	0	0	
15	13.384728	4	3.00	7.989560	5000	2.0	0	3	
16	12.886641	3	2.00	7.544332	14040	2.0	0	0	
17	13.091904	4	1.00	7.377759	4300	1.5	0	0	
18	12.149502	2	1.00	7.090077	9850	1.0	0	0	
19	12.345835	3	1.00	7.130899	9774	1.0	0	0	
20	12.860999	4	1.75	7.390181	4980	1.0	0	0	
21	14.508658	3	2.75	8.022897	44867	1.0	0	4	
22	12.560244	5	2.50	7.727535	6300	2.0	0	0	
23	12.439958	2	1.50	6.975414	9643	1.0	0	0	
24	12.703813	3	2.25	7.803843	6500	2.0	0	0	
25	12.358794	3	2.00	7.444249	4697	1.5	0	0	
26	13.750439	3	1.75	7.803843	2691	2.0	0	0	
27	13.410545	3	1.00	7.244228	1581	1.5	0	0	
28	12.989974	3	1.75	7.326466	6380	1.0	0	0	
29	13.485617	4	2.50	7.851661	7173	2.0	0	0	
...	...	...	...	...	...	...	...	...	
21583	12.899095	2	1.00	6.565265	1157	2.0	0	0	
21584	12.847927	3	2.50	7.138867	900	2.0	0	0	
21585	12.506177	3	2.50	7.533694	5000	2.0	0	0	
21586	13.132314	2	2.50	7.265430	1201	3.0	0	0	
21587	12.860999	3	2.50	7.326466	1488	3.0	0	0	
21588	12.934828	2	1.50	7.098376	1278	2.0	0	0	

	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view	cond
<b>21589</b>	12.758520	3	2.50	7.839919	4760	2.0	0	0	
<b>21590</b>	14.014361	4	3.50	8.499029	9444	1.5	0	0	
<b>21591</b>	13.256894	4	2.75	7.926603	3852	2.0	0	0	
<b>21592</b>	13.071070	3	2.25	7.081709	1200	3.0	0	0	
<b>21593</b>	13.901688	5	3.75	8.335671	8142	2.0	0	2	
<b>21594</b>	12.765688	4	2.75	7.824046	5995	2.0	0	0	
<b>21595</b>	13.161584	2	2.25	7.333023	981	3.0	0	0	
<b>21596</b>	13.429775	5	2.75	8.188689	9437	2.0	0	0	
<b>21597</b>	14.272935	4	3.25	8.134468	10125	2.0	0	0	
<b>21598</b>	13.202652	4	2.50	8.044947	7866	2.0	0	2	
<b>21599</b>	13.604790	4	3.00	8.291547	7838	2.0	0	0	
<b>21600</b>	14.247293	5	3.75	8.405144	8088	2.0	0	0	
<b>21601</b>	13.054085	3	2.50	7.261927	1179	3.0	0	0	
<b>21602</b>	12.319401	3	1.75	7.313220	11968	1.0	0	0	
<b>21603</b>	13.136759	3	2.50	7.727535	5536	2.0	0	0	
<b>21604</b>	12.969212	3	2.00	7.306531	1126	3.0	0	0	
<b>21605</b>	13.322337	4	2.50	7.832014	6023	2.0	0	0	
<b>21606</b>	13.825461	4	3.50	8.163371	7200	2.0	0	0	
<b>21607</b>	13.071070	3	2.50	7.177782	1294	2.0	0	0	
<b>21608</b>	12.793859	3	2.50	7.333023	1131	3.0	0	0	
<b>21609</b>	12.899220	4	2.50	7.745003	5813	2.0	0	0	
<b>21610</b>	12.904459	2	0.75	6.927558	1350	2.0	0	0	
<b>21611</b>	12.899220	3	2.50	7.377759	2388	2.0	0	0	
<b>21612</b>	12.691580	2	0.75	6.927558	1076	2.0	0	0	

21613 rows × 18 columns

In [18]:

```
predict.columns
```

Out[18]:

```
Index(['price', 'bedrooms', 'bathrooms', 'sqft_living', 'sqft_lot', 'floors',
      'waterfront', 'view', 'condition', 'grade', 'sqft_above',
      'sqft_basement', 'yr_built', 'yr_renovated', 'lat', 'long',
      'sqft_living15', 'sqft_lot15'],
      dtype='object')
```

In [19]:

```
if(predict['sqft_living'].all()==predict['sqft_above'].all()+predict['sqft_basement'].a
ll()):
    print('1')
```

1

In [20]:

```
predict
```

Out[20]:

	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view	cond
0	12.309982	3	1.00	7.073270	5650	1.0	0	0	
1	13.195614	3	2.25	7.851661	7242	2.0	0	0	
2	12.100712	2	1.00	6.646391	10000	1.0	0	0	
3	13.311329	4	3.00	7.580700	5000	1.0	0	0	
4	13.142166	3	2.00	7.426549	8080	1.0	0	0	
5	14.022525	4	4.50	8.597851	101930	1.0	0	0	
6	12.458775	3	2.25	7.447168	6819	2.0	0	0	
7	12.583995	3	1.50	6.966024	9711	1.0	0	0	
8	12.343658	3	1.00	7.484369	7470	1.0	0	0	
9	12.685408	3	2.50	7.544332	6560	2.0	0	0	
10	13.403776	3	2.50	8.177516	9796	1.0	0	0	
11	13.056224	2	1.00	7.056175	6000	1.0	0	0	
12	12.644328	3	1.00	7.265430	19901	1.5	0	0	
13	12.899220	3	1.75	7.222566	9680	1.0	0	0	
14	13.180632	5	2.00	7.501082	4850	1.5	0	0	
15	13.384728	4	3.00	7.989560	5000	2.0	0	3	
16	12.886641	3	2.00	7.544332	14040	2.0	0	0	
17	13.091904	4	1.00	7.377759	4300	1.5	0	0	
18	12.149502	2	1.00	7.090077	9850	1.0	0	0	
19	12.345835	3	1.00	7.130899	9774	1.0	0	0	
20	12.860999	4	1.75	7.390181	4980	1.0	0	0	
21	14.508658	3	2.75	8.022897	44867	1.0	0	4	
22	12.560244	5	2.50	7.727535	6300	2.0	0	0	
23	12.439958	2	1.50	6.975414	9643	1.0	0	0	
24	12.703813	3	2.25	7.803843	6500	2.0	0	0	
25	12.358794	3	2.00	7.444249	4697	1.5	0	0	
26	13.750439	3	1.75	7.803843	2691	2.0	0	0	
27	13.410545	3	1.00	7.244228	1581	1.5	0	0	
28	12.989974	3	1.75	7.326466	6380	1.0	0	0	
29	13.485617	4	2.50	7.851661	7173	2.0	0	0	
...	...	...	...	...	...	...	...	...	
21583	12.899095	2	1.00	6.565265	1157	2.0	0	0	
21584	12.847927	3	2.50	7.138867	900	2.0	0	0	
21585	12.506177	3	2.50	7.533694	5000	2.0	0	0	
21586	13.132314	2	2.50	7.265430	1201	3.0	0	0	
21587	12.860999	3	2.50	7.326466	1488	3.0	0	0	
21588	12.934828	2	1.50	7.098376	1278	2.0	0	0	



	price	bedrooms	bathrooms	sqft_living	sqft_lot	floors	waterfront	view	cond
<b>21589</b>	12.758520	3	2.50	7.839919	4760	2.0	0	0	
<b>21590</b>	14.014361	4	3.50	8.499029	9444	1.5	0	0	
<b>21591</b>	13.256894	4	2.75	7.926603	3852	2.0	0	0	
<b>21592</b>	13.071070	3	2.25	7.081709	1200	3.0	0	0	
<b>21593</b>	13.901688	5	3.75	8.335671	8142	2.0	0	2	
<b>21594</b>	12.765688	4	2.75	7.824046	5995	2.0	0	0	
<b>21595</b>	13.161584	2	2.25	7.333023	981	3.0	0	0	
<b>21596</b>	13.429775	5	2.75	8.188689	9437	2.0	0	0	
<b>21597</b>	14.272935	4	3.25	8.134468	10125	2.0	0	0	
<b>21598</b>	13.202652	4	2.50	8.044947	7866	2.0	0	2	
<b>21599</b>	13.604790	4	3.00	8.291547	7838	2.0	0	0	
<b>21600</b>	14.247293	5	3.75	8.405144	8088	2.0	0	0	
<b>21601</b>	13.054085	3	2.50	7.261927	1179	3.0	0	0	
<b>21602</b>	12.319401	3	1.75	7.313220	11968	1.0	0	0	
<b>21603</b>	13.136759	3	2.50	7.727535	5536	2.0	0	0	
<b>21604</b>	12.969212	3	2.00	7.306531	1126	3.0	0	0	
<b>21605</b>	13.322337	4	2.50	7.832014	6023	2.0	0	0	
<b>21606</b>	13.825461	4	3.50	8.163371	7200	2.0	0	0	
<b>21607</b>	13.071070	3	2.50	7.177782	1294	2.0	0	0	
<b>21608</b>	12.793859	3	2.50	7.333023	1131	3.0	0	0	
<b>21609</b>	12.899220	4	2.50	7.745003	5813	2.0	0	0	
<b>21610</b>	12.904459	2	0.75	6.927558	1350	2.0	0	0	
<b>21611</b>	12.899220	3	2.50	7.377759	2388	2.0	0	0	
<b>21612</b>	12.691580	2	0.75	6.927558	1076	2.0	0	0	

21613 rows × 18 columns

In [21]:

```
predict.shape
```

Out[21]:

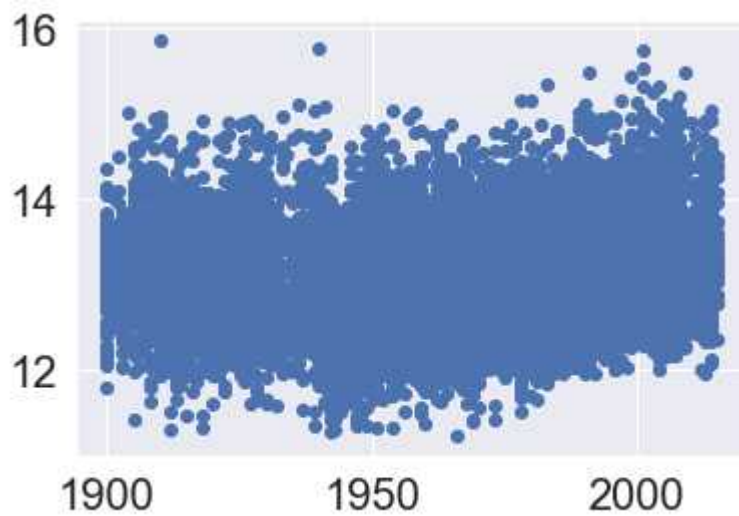
(21613, 18)

In [22]:

```
plt.scatter(predict['yr_built'],predict['price'])  
plt.show()
```

Out[22]:

<matplotlib.collections.PathCollection at 0x280871d9400>

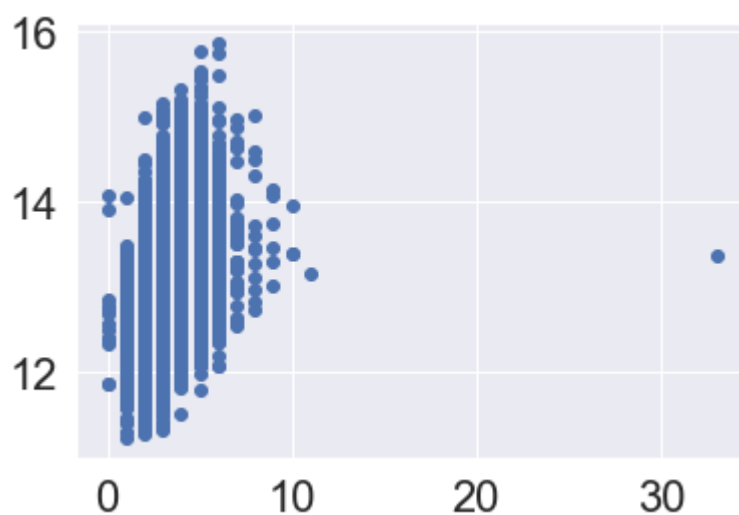


In [23]:

```
plt.scatter(predict['bedrooms'],predict['price'])  
plt.show()
```

Out[23]:

<matplotlib.collections.PathCollection at 0x28087260400>



In [24]:

```
predict = predict[predict.bedrooms < 9]
```

In [25]:

```
predict['bedrooms'].value_counts()
```

Out[25]:

```
3    9824
4    6882
2    2760
5    1601
6     272
1     199
7      38
8       13
0       13
```

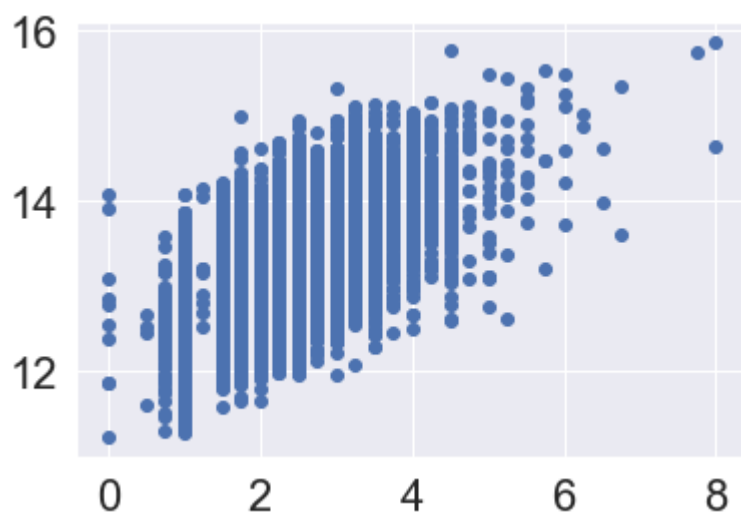
Name: bedrooms, dtype: int64

In [26]:

```
plt.scatter(predict['bathrooms'],predict['price'])
```

Out[26]:

<matplotlib.collections.PathCollection at 0x280872a8e48>



In [27]:

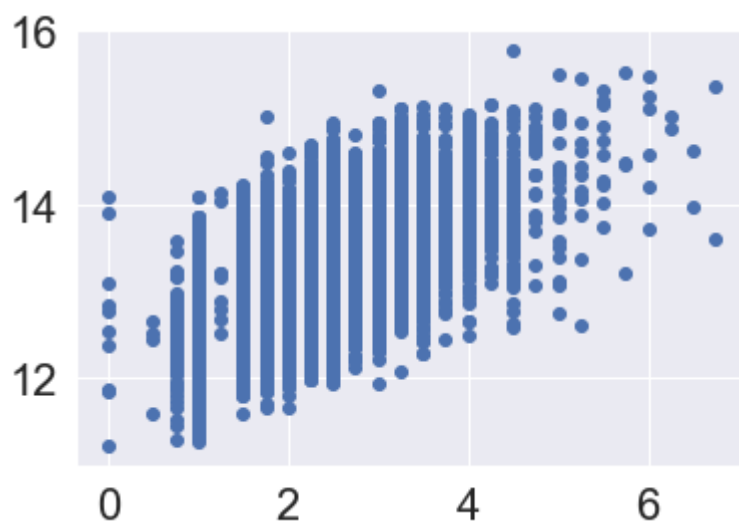
```
predict = predict[predict.bathrooms < 7 ]
```

In [28]:

```
plt.scatter(predict['bathrooms'],predict['price'])
```

Out[28]:

<matplotlib.collections.PathCollection at 0x280872bc438>



In [29]:

```
predict.dtypes
```

Out[29]:

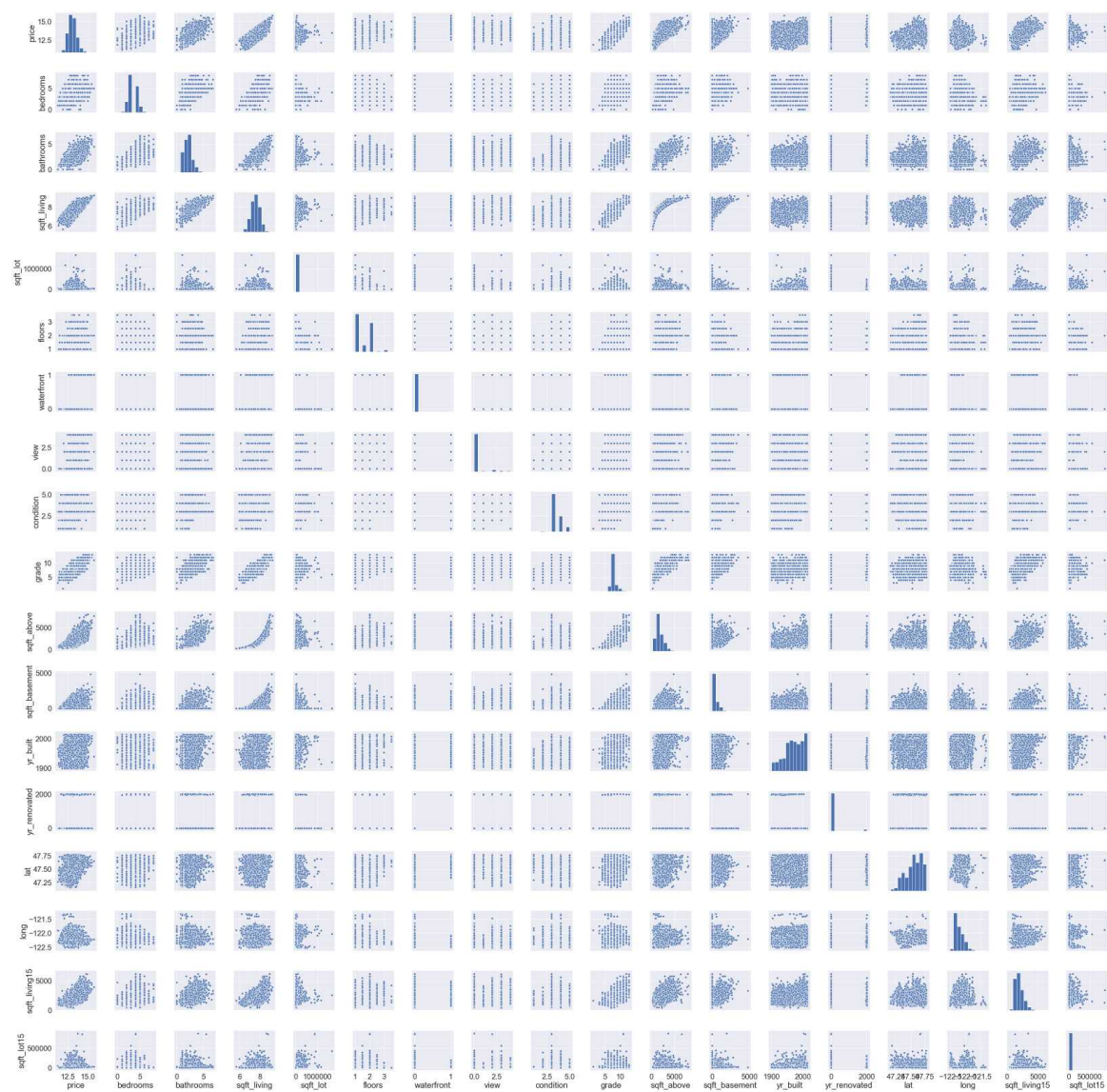
price	float64
bedrooms	int64
bathrooms	float64
sqft_living	float64
sqft_lot	int64
floors	float64
waterfront	int64
view	int64
condition	int64
grade	int64
sqft_above	int64
sqft_basement	int64
yr_built	int64
yr_renovated	int64
lat	float64
long	float64
sqft_living15	int64
sqft_lot15	int64
dtype:	object

In [30]:

```
sns.pairplot(predict)
```

Out[30]:

&lt;seaborn.axisgrid.PairGrid at 0x280871d9be0&gt;

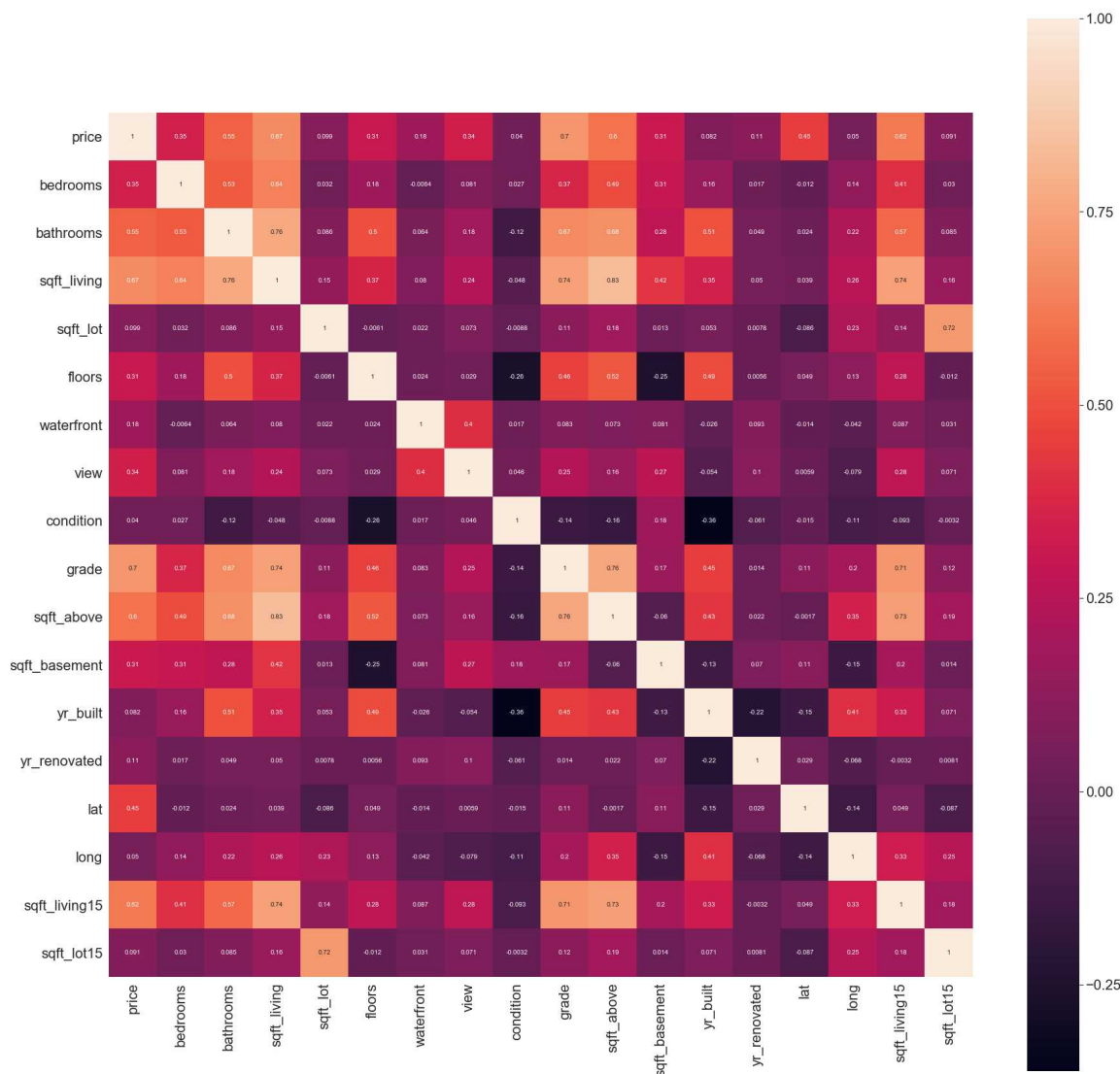


In [31]:

```
#correlation_heatmap
import seaborn as sns
fig = plt.subplots(figsize = (30,30))
sns.set(font_scale=2.0)
sns.heatmap(predict.corr(),square = True,cbar=True,annot=True,annot_kws={'size': 10})
plt.show()
```

Out[31]:

```
<matplotlib.axes._subplots.AxesSubplot at 0x280a0b002b0>
```



In [32]:

```
#outliers
from scipy import stats
import numpy as np
z = np.abs(stats.zscore(predict))
print(z)
predict_out = predict[(z < 4).all(axis=1)]
print(predict.shape)
print(predict_out.shape)

[[1.40169974  0.40791561  1.45384743  ...  0.30628291  0.94354818  0.26072522]
 [0.28194848  0.40791561  0.17879808  ...  0.74649619  0.43250404  0.18780241]
 [1.7995367   1.52176759  1.45384743  ...  0.13587777  1.07142587  0.17229395]
 ...
 [0.27155815  1.52176759  1.78037653  ...  0.6044919   1.41078854  0.3942887 ]
 [0.28151739  0.40791561  0.50532718  ...  1.02855737  0.84133936  0.42068609]
 [0.67625443  1.52176759  1.78037653  ...  0.6044919   1.41078854  0.41811968]]
(21599, 18)
(19868, 18)
```

In [33]:

```
#X = pd.DataFrame(data.data, columns=data.feature_na)
#Target name
y = predict_out['price']
```

In [34]:

```
y = np.log(predict_out['price'])
X = predict_out.drop("price",axis=1)
```

In [35]:

```
X = predict_out.drop("price", axis = 1)
X = X.drop("bathrooms", axis = 1)
```

In [36]:

```
X = X.drop("yr_built",axis = 1)  
X
```



Out[36]:

	bedrooms	sqft_living	sqft_lot	floors	waterfront	view	condition	grade	sqft_above
0	3	7.073270	5650	1.0	0	0	3	7	1180
2	2	6.646391	10000	1.0	0	0	3	6	770
3	4	7.580700	5000	1.0	0	0	5	7	1050
4	3	7.426549	8080	1.0	0	0	3	8	1680
6	3	7.447168	6819	2.0	0	0	3	7	1715
7	3	6.966024	9711	1.0	0	0	3	7	1060
8	3	7.484369	7470	1.0	0	0	3	7	1050
9	3	7.544332	6560	2.0	0	0	3	7	1890
10	3	8.177516	9796	1.0	0	0	3	8	1860
11	2	7.056175	6000	1.0	0	0	4	7	860
12	3	7.265430	19901	1.5	0	0	4	7	1430
13	3	7.222566	9680	1.0	0	0	4	7	1370
14	5	7.501082	4850	1.5	0	0	3	7	1810
15	4	7.989560	5000	2.0	0	3	3	9	1980
16	3	7.544332	14040	2.0	0	0	3	7	1890
17	4	7.377759	4300	1.5	0	0	4	7	1600
18	2	7.090077	9850	1.0	0	0	4	7	1200
19	3	7.130899	9774	1.0	0	0	4	7	1250
20	4	7.390181	4980	1.0	0	0	4	7	860
22	5	7.727535	6300	2.0	0	0	3	8	2270
23	2	6.975414	9643	1.0	0	0	3	7	1070
24	3	7.803843	6500	2.0	0	0	4	8	2450
25	3	7.444249	4697	1.5	0	0	5	6	1710
26	3	7.803843	2691	2.0	0	0	3	8	1750
27	3	7.244228	1581	1.5	0	0	5	8	1400
28	3	7.326466	6380	1.0	0	0	3	7	790
29	4	7.851661	7173	2.0	0	0	3	8	2570
30	3	7.749322	3980	2.0	0	0	3	8	2320
31	2	7.081709	1265	3.0	0	0	3	7	1190
32	4	7.753624	5000	1.5	0	0	4	7	1510
...	...	...	...	...	...	...	...	...	...
21583	2	6.565265	1157	2.0	0	0	4	7	710
21584	3	7.138867	900	2.0	0	0	3	7	940
21585	3	7.533694	5000	2.0	0	0	3	7	1870
21586	2	7.265430	1201	3.0	0	0	3	8	1430
21587	3	7.326466	1488	3.0	0	0	3	8	1520
21588	2	7.098376	1278	2.0	0	0	3	8	1020

	bedrooms	sqft_living	sqft_lot	floors	waterfront	view	condition	grade	sqft_above
21589	3	7.839919	4760	2.0	0	0	3	8	2540
21590	4	8.499029	9444	1.5	0	0	3	11	3110
21591	4	7.926603	3852	2.0	0	0	3	8	2770
21592	3	7.081709	1200	3.0	0	0	3	8	1190
21593	5	8.335671	8142	2.0	0	2	3	10	4170
21594	4	7.824046	5995	2.0	0	0	3	8	2500
21595	2	7.333023	981	3.0	0	0	3	8	1480
21596	5	8.188689	9437	2.0	0	0	3	9	3600
21597	4	8.134468	10125	2.0	0	0	3	10	3410
21598	4	8.044947	7866	2.0	0	2	3	9	3118
21599	4	8.291547	7838	2.0	0	0	3	9	3990
21600	5	8.405144	8088	2.0	0	0	3	11	4470
21601	3	7.261927	1179	3.0	0	0	3	8	1425
21602	3	7.313220	11968	1.0	0	0	3	6	1500
21603	3	7.727535	5536	2.0	0	0	3	8	2270
21604	3	7.306531	1126	3.0	0	0	3	8	1490
21605	4	7.832014	6023	2.0	0	0	3	9	2520
21606	4	8.163371	7200	2.0	0	0	3	9	2600
21607	3	7.177782	1294	2.0	0	0	3	8	1180
21608	3	7.333023	1131	3.0	0	0	3	8	1530
21609	4	7.745003	5813	2.0	0	0	3	8	2310
21610	2	6.927558	1350	2.0	0	0	3	7	1020
21611	3	7.377759	2388	2.0	0	0	3	8	1600
21612	2	6.927558	1076	2.0	0	0	3	7	1020

19868 rows × 15 columns

In [37]:

```
X.shape
```

Out[37]:

```
(19868, 15)
```

In [38]:

```
from sklearn.model_selection import train_test_split
#step 1: split dataset
X_train, X_test, y_train, y_test = train_test_split(X, y, random_state = 0)
```

In [39]:

```
X_train.shape
```

Out[39]:

```
(14901, 15)
```

## Scaling and Justification for type of scaling used

Next, we can prepare the data for regression by scaling 'X'. The scaling method we are using is the Standard Scaler since the outliers have already been removed. Since a majority of the values in each column are very small, the data would unnecessarily be skewed if we use min-max scaling and so, we decide to use Standard Scaling.

In [40]:

```
# preprocessing using zero mean and unit variance scaling
from sklearn.preprocessing import StandardScaler
scaler = StandardScaler()
scaler.fit(X_train)
X_train = scaler.transform(X_train)
X_test = scaler.transform(X_test)
```

Out[40]:

```
StandardScaler(copy=True, with_mean=True, with_std=True)
```

## Regression Task:

1. Apply any two models with bagging and any two models with pasting. 2. Apply any two models with adaboost boosting 3. Apply one model with gradient boosting 4. Apply PCA on data and then apply all the models in project 1 again on data you get from PCA. Compare your results with results in project 2. You don't need to apply all the models twice. Just copy the result table from project 1, prepare similar table for all the models after PCA and compare both tables. Does PCA help in getting better results? 5. Apply deep learning models covered in class

## Task 1: Apply any two models with bagging and any two models with pasting.

### Bagging Model 1: Lasso

In [41]:

```

from sklearn.ensemble import BaggingRegressor
from sklearn.linear_model import Lasso
from sklearn.model_selection import GridSearchCV

param_grid = {'n_estimators': [100,200,250,500], 'max_samples':[50,75,100,150,200]}

grid_search = GridSearchCV(BaggingRegressor(Lasso(alpha=0.01),bootstrap=True,oob_score=
True,random_state=0), param_grid, cv=3, return_train_score=True )
grid_search.fit(X_train,y_train)

```

Out[41]:

```

GridSearchCV(cv=3, error_score='raise-deprecating',
             estimator=BaggingRegressor(base_estimator=Lasso(alpha=0.01,
                                                             copy_X=True,
                                                             fit_intercept
= True,
                                                             max_iter=100
0,
                                                             normalize=False
se,
                                                             positive=False
e,
                                                             precompute=False
lse,
                                                             random_state=
None,
                                                             selection='cy
clic',
                                                             tol=0.0001,
                                                             warm_start=False
lse),
             bootstrap=True,
             bootstrap_features=False,
             max_features=1.0, max_samples=1.0,
             n_estimators=10, n_jobs=None,
             oob_score=True, random_state=0,
             verbose=0, warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'max_samples': [50, 75, 100, 150, 200],
                         'n_estimators': [100, 200, 250, 500]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [42]:

```
print("parameters",grid_search.best_params_)
```

```
parameters {'max_samples': 200, 'n_estimators': 100}
```

In [43]:

```
bag_reg = BaggingRegressor(Lasso(alpha=0.01), n_estimators=500, max_samples=200, bootstrap=True, oob_score=True, random_state=0)
bag_reg.fit(X_train, y_train)
btr_score = bag_reg.score(X_train, y_train)
bte_score = bag_reg.score(X_test, y_test)
oob = bag_reg.oob_score_
```

Out[43]:

```
BaggingRegressor(base_estimator=Lasso(alpha=0.01, copy_X=True,
                                     fit_intercept=True, max_iter=1000,
                                     normalize=False, positive=False,
                                     precompute=False, random_state=None,
                                     selection='cyclic', tol=0.0001,
                                     warm_start=False),
                 bootstrap=True, bootstrap_features=False, max_features=1.
                 0,
                 max_samples=200, n_estimators=500, n_jobs=None, oob_score
                 =True,
                 random_state=0, verbose=0, warm_start=False)
```

In [44]:

```
print(btr_score)
print(bte_score)
print(oob)
```

```
0.5451739998710362
0.5503241500594533
0.5448775543571345
```

## Bag2:Ridge

In [45]:

```

from sklearn.ensemble import BaggingRegressor
from sklearn.linear_model import Ridge
from sklearn.model_selection import GridSearchCV

param_grid = {'n_estimators': [100,200,250,500], 'max_samples':[50,75,100,150,200]}

grid_search = GridSearchCV(BaggingRegressor(Ridge(alpha=10),bootstrap=True,oob_score=True,random_state=0), param_grid, cv=3, return_train_score=True )
grid_search.fit(X_train,y_train)

```

Out[45]:

```

GridSearchCV(cv=3, error_score='raise-deprecating',
             estimator=BaggingRegressor(base_estimator=Ridge(alpha=10,
                                                             copy_X=True,
                                                             fit_intercept
= True,
                                                             max_iter=None
e,
                                                             normalize=False
se,
                                                             random_state=
None,
                                                             solver='auto',
                                                             tol=0.001),
                                     bootstrap=True,
                                     bootstrap_features=False,
                                     max_features=1.0, max_samples=1.0,
                                     n_estimators=10, n_jobs=None,
                                     oob_score=True, random_state=0,
                                     verbose=0, warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'max_samples': [50, 75, 100, 150, 200],
                         'n_estimators': [100, 200, 250, 500]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [46]:

```
print("parameters",grid_search.best_params_)
```

```
parameters {'max_samples': 200, 'n_estimators': 250}
```

In [47]:

```
from sklearn.linear_model import Ridge
bag_reg = BaggingRegressor(Ridge(alpha=10), n_estimators=500, max_samples=200, bootstrap=True, oob_score=True, random_state=0)
bag_reg.fit(X_train, y_train)
btr_score = bag_reg.score(X_train, y_train)
bte_score = bag_reg.score(X_test, y_test)
oob = bag_reg.oob_score_
```

Out[47]:

```
BaggingRegressor(base_estimator=Ridge(alpha=10, copy_X=True, fit_intercept=True,
                                     max_iter=None, normalize=False,
                                     random_state=None, solver='auto',
                                     tol=0.001),
                 bootstrap=True, bootstrap_features=False, max_features=1.0,
                 max_samples=200, n_estimators=500, n_jobs=None, oob_score=True,
                 random_state=0, verbose=0, warm_start=False)
```

In [48]:

```
print(btr_score)
print(bte_score)
print(oob)
```

```
0.7289128739756903
0.7312700830497375
0.7284448976006952
```

## Paste 1 : DecisionTree

In [49]:

```

from sklearn.ensemble import BaggingRegressor
from sklearn.tree import DecisionTreeRegressor
from sklearn.linear_model import Lasso
from sklearn.model_selection import GridSearchCV

param_grid = {'n_estimators': [100,200,250,500], 'max_samples':[50,75,100,150,200]}

grid_search = GridSearchCV(BaggingRegressor(DecisionTreeRegressor(splitter="random", ma
x_leaf_nodes=25),bootstrap=False,random_state=0), param_grid, cv=3, return_train_score=
True )
grid_search.fit(X_train,y_train)

```

Out[49]:

```

GridSearchCV(cv=3, error_score='raise-deprecating',
             estimator=BaggingRegressor(base_estimator=DecisionTreeRegress
or(criterion='mse',
max_depth=None,
max_features=None,
max_leaf_nodes=25,
min_impurity_decrease=0.0,
min_impurity_split=None,
min_samples_leaf=1,
min_samples_split=2,
min_weight_fraction_leaf=0.0,
presort=False,
random_state=None,
splitter='random'),
             bootstrap=False,
             bootstrap_features=False,
             max_features=1.0, max_samples=1.0,
             n_estimators=10, n_jobs=None,
             oob_score=False, random_state=0,
             verbose=0, warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'max_samples': [50, 75, 100, 150, 200],
                         'n_estimators': [100, 200, 250, 500]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [50]:

```
print("parameters",grid_search.best_params_)
```

```
parameters {'max_samples': 200, 'n_estimators': 100}
```



In [51]:

```

from sklearn.tree import DecisionTreeRegressor
bag_reg = BaggingRegressor(DecisionTreeRegressor(splitter="random", max_leaf_nodes=25),
n_estimators=200, max_samples=200, bootstrap=False, random_state=0)
bag_reg.fit(X_train,y_train)
btr_score = bag_reg.score(X_train,y_train)
bte_score = bag_reg.score(X_test,y_test)

```

Out[51]:

```

BaggingRegressor(base_estimator=DecisionTreeRegressor(criterion='mse',
max_depth=None,
max_features=None,
max_leaf_nodes=25,
min_impurity_decreas
e=0.0,
min_impurity_split=N
one,
min_samples_leaf=1,
min_samples_split=2,
min_weight_fraction_
leaf=0.0,
presort=False,
random_state=None,
splitter='random'),
bootstrap=False, bootstrap_features=False, max_features=
1.0,
max_samples=200, n_estimators=200, n_jobs=None,
oob_score=False, random_state=0, verbose=0, warm_start=Fa
lse)

```

In [52]:

```

print(btr_score)
print(bte_score)

```

```

0.7923829493778777
0.7951864079503671

```

## Paste 2 : Linear Regression

In [53]:

```

from sklearn.ensemble import BaggingRegressor
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import GridSearchCV

param_grid = {'n_estimators': [100,200,250,500], 'max_samples':[50,75,100,150,200]}

grid_search = GridSearchCV(BaggingRegressor(LinearRegression()),bootstrap=False,random_s
tate=0), param_grid, cv=3, return_train_score=True )
grid_search.fit(X_train,y_train)

```

Out[53]:

```

GridSearchCV(cv=3, error_score='raise-deprecating',
             estimator=BaggingRegressor(base_estimator=LinearRegression(co
py_X=True,
                                     fi
t_intercept=True,
                                     n_
jobs=None,
                                     no
rmalize=False),
                                     bootstrap=False,
                                     bootstrap_features=False,
                                     max_features=1.0, max_samples=1.0,
                                     n_estimators=10, n_jobs=None,
                                     oob_score=False, random_state=0,
                                     verbose=0, warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'max_samples': [50, 75, 100, 150, 200],
                         'n_estimators': [100, 200, 250, 500]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [54]:

```
print("parameters",grid_search.best_params_)
```

```
parameters {'max_samples': 150, 'n_estimators': 100}
```

In [55]:

```

from sklearn.linear_model import LinearRegression
bag_reg = BaggingRegressor(LinearRegression(), n_estimators=500, max_samples=200, boots
trap=False, random_state=0)
bag_reg.fit(X_train,y_train)
btr_score = bag_reg.score(X_train,y_train)
bte_score = bag_reg.score(X_test,y_test)

```

Out[55]:

```

BaggingRegressor(base_estimator=LinearRegression(copy_X=True,
                                                    fit_intercept=True,
                                                    n_jobs=None, normalize=Fa
lse),
                  bootstrap=False, bootstrap_features=False, max_features=
1.0,
                  max_samples=200, n_estimators=500, n_jobs=None,
                  oob_score=False, random_state=0, verbose=0, warm_start=Fa
lse)

```

In [56]:

```

print(btr_score)
print(bte_score)

```

```

0.7293494077276406
0.7310598422903007

```

## Task 2: Apply any two models with adaboost boosting.

### Ada Boost Model 1: Linear SVR

In [ ]:

```

from sklearn.svm import LinearSVR
from sklearn.ensemble import AdaBoostRegressor
from sklearn.model_selection import cross_val_score , GridSearchCV

n_estimators_val = [10, 50, 100]
learning_rate_val = [0.1, 0.5, 1]

param_grid = dict(n_estimators = n_estimators_val, learning_rate=learning_rate_val)

ada_reg = AdaBoostRegressor(LinearSVR(C = 0.5, max_iter=5000), loss='linear', random_st
ate=0)

adaboost_regressor = GridSearchCV(estimator=ada_reg, param_grid = param_grid )
adaboost_regressor.fit(X_train, y_train)
print ( 'Best Parameters: ',adaboost_regressor.best_params_)

```

In [ ]:

```
from sklearn.ensemble import AdaBoostRegressor

ada_reg = AdaBoostRegressor(LinearSVR(C = 0.5, max_iter=50000), n_estimators=10, loss='linear', learning_rate=0.5, random_state=0)
ada_reg.fit(X_train, y_train)
adtr_score = ada_reg.score(X_train, y_train)
adte_score = ada_reg.score(X_test, y_test)
```

In [ ]:

```
print(adtr_score)
print(adte_score)
```

## Ada Boost Model 2 : KNN Regressor

In [57]:

```

from sklearn.neighbors import KNeighborsRegressor
from sklearn.ensemble import AdaBoostRegressor
from sklearn.model_selection import cross_val_score , GridSearchCV

n_estimators_val = [10, 50, 100]
learning_rate_val = [0.1, 0.5, 1]

param_grid = dict(n_estimators = n_estimators_val, learning_rate=learning_rate_val)

ada_reg = AdaBoostRegressor(KNeighborsRegressor(n_neighbors=55),loss='exponential', random_state=0)

adaboost_regressor = GridSearchCV(estimator=ada_reg, param_grid = param_grid )
adaboost_regressor.fit(X_train, y_train)
print ('Best Parameters: ',adaboost_regressor.best_params_)

```

Out[57]:

```

GridSearchCV(cv='warn', error_score='raise-deprecating',
             estimator=AdaBoostRegressor(base_estimator=KNeighborsRegressor(
r(algorithm='auto',

leaf_size=30,

metric='minkowski',

metric_params=None,

n_jobs=None,

n_neighbors=55,

p=2,

weights='uniform'),

                                learning_rate=1.0, loss='exponent
ial',

                                n_estimators=50, random_state=0),
             iid='warn', n_jobs=None,
             param_grid={'learning_rate': [0.1, 0.5, 1],
                         'n_estimators': [10, 50, 100]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=False,
             scoring=None, verbose=0)

Best Parameters: {'learning_rate': 0.1, 'n_estimators': 50}

```

In [57]:

```
from sklearn.neighbors import KNeighborsRegressor
ada_reg = AdaBoostRegressor(KNeighborsRegressor(n_neighbors=55), n_estimators=50, loss=
'exponential', learning_rate=0.5, random_state=0)
ada_reg.fit(X_train, y_train)
adtr_score = ada_reg.score(X_train, y_train)
adte_score = ada_reg.score(X_test, y_test)
```

Out[57]:

```
AdaBoostRegressor(base_estimator=KNeighborsRegressor(algorithm='auto',
                                                    leaf_size=30,
                                                    metric='minkowski',
                                                    metric_params=None,
                                                    n_jobs=None,
                                                    n_neighbors=55, p=2,
                                                    weights='uniform'),
                  learning_rate=0.5, loss='exponential', n_estimators=50,
                  random_state=0)
```

In [58]:

```
print(adtr_score)
print(adte_score)
```

```
0.8041328108700843
0.7851725340767053
```

### 3. Apply one model with gradient boosting

In [58]:

```

from sklearn.ensemble import GradientBoostingRegressor

n_estimators_val = [50, 100, 200, 500]
learning_rate_val = [0.01, 0.1, 0.5, 1]
max_depth_val = [1, 2, 3, 4]

param_grid = dict(n_estimators = n_estimators_val, learning_rate=learning_rate_val, max
_depth=max_depth_val)
gbrg = GradientBoostingRegressor(random_state=0)

gradientboost_regressor = GridSearchCV(estimator=gbrg, param_grid=param_grid)
gradientboost_regressor.fit(X_train, y_train)

print (gradientboost_regressor.best_params_)
print('Train score: {:.2f}'.format(gradientboost_regressor.score(X_train, y_train)))
print('Test score: {:.2f}'.format(gradientboost_regressor.score(X_test, y_test)))

```

Out[58]:

```

GridSearchCV(cv='warn', error_score='raise-deprecating',
             estimator=GradientBoostingRegressor(alpha=0.9,
                                                  criterion='friedman_mse',
                                                  init=None, learning_rate=
0.1,
                                                  loss='ls', max_depth=3,
                                                  max_features=None,
                                                  max_leaf_nodes=None,
                                                  min_impurity_decrease=0.
0,
                                                  min_impurity_split=None,
                                                  min_samples_leaf=1,
                                                  min_samples_split=2,
                                                  min_weight_fraction_leaf=
0.0,
                                                  n_estimators=100,
                                                  n_iter_no_change=None,
                                                  presort='auto', random_st
ate=0,
                                                  subsample=1.0, tol=0.000
1,
                                                  validation_fraction=0.1,
                                                  verbose=0, warm_start=Fal
se),
             iid='warn', n_jobs=None,
             param_grid={'learning_rate': [0.01, 0.1, 0.5, 1],
                          'max_depth': [1, 2, 3, 4],
                          'n_estimators': [50, 100, 200, 500]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=False,
             scoring=None, verbose=0)

{'learning_rate': 0.1, 'max_depth': 4, 'n_estimators': 500}
Train score: 0.93
Test score: 0.89

```

#### 4. Apply PCA on data and then apply all the models in project 1 again on data you get from PCA.

# 1st we run the models in Project-1 again (without PCA).

## Linear Regression

In [59]:

```
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import GridSearchCV
from sklearn.model_selection import KFold
kfold = KFold(n_splits=3, random_state=0)

lreg = LinearRegression()
lreg.fit(X_train, y_train)
mn = 'Linear Regression'
cv_train=cross_val_score(lreg, X_train, y_train, cv=kfold).mean()
test=lreg.score(X_test, y_test)
print('Train score: %.4f'%cross_val_score(lreg, X_train, y_train, cv=kfold).mean())
print('Test score: %.4f'%lreg.score(X_test, y_test))
```

Out[59]:

```
LinearRegression(copy_X=True, fit_intercept=True, n_jobs=None, normalize=False)
```

Train score: 0.7290

Test score: 0.7317

Now we append the scores to a dataframe called 'mr' which stands for 'Model\_Results' for readability.

In [60]:

```
pre_pca = pd.DataFrame(columns=('S.No', 'Model_Name', 'Parameters', 'Train_Score', 'Test_Score'))
```

In [61]:

```
pre_pca.loc[len(pre_pca)]=[1,mn,'none',cv_train,test]
```

In [62]:

```
pre_pca
```

Out[62]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702

## Lasso Regression



In [63]:

```

from sklearn.linear_model import Lasso
kfold = KFold(n_splits=3, random_state=0)
param_grid={'alpha':[0.0001,0.001,0.01, 0.1, 0.5, 1, 5, 10]}
grid_search = GridSearchCV(Lasso(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)
grid_search_test=grid_search.score(X_test,y_test)

```

Out[63]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=Lasso(alpha=1.0, copy_X=True, fit_intercept=True,
                             max_iter=1000, normalize=False, positive=False),
             e,
             precompute=False, random_state=None,
             selection='cyclic', tol=0.0001, warm_start=False),
             lse),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.0001, 0.001, 0.01, 0.1, 0.5, 1, 5, 10]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [64]:

```

print("parameters",grid_search.best_params_)
print("Train:",grid_search.best_score_)
print("Test",grid_search_test)

```

```

parameters {'alpha': 0.0001}
Train: 0.7288401283517288
Test 0.7316670227732888

```

Appending the scores to 'Model Results' for readability.

In [65]:

```

pre_pca.loc[len(pre_pca)]=[2, 'Lasso Regression',grid_search.best_params_,grid_search.best_score_,grid_search_test]

```

In [66]:

pre\_pca

Out[66]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667

We can now understand by plotting the relation between the predicted values and observed values.

In [67]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[67]:

<matplotlib.collections.PathCollection at 0x280a80fdf28>

Out[67]:

<matplotlib.collections.PathCollection at 0x280a8108978>

Out[67]:

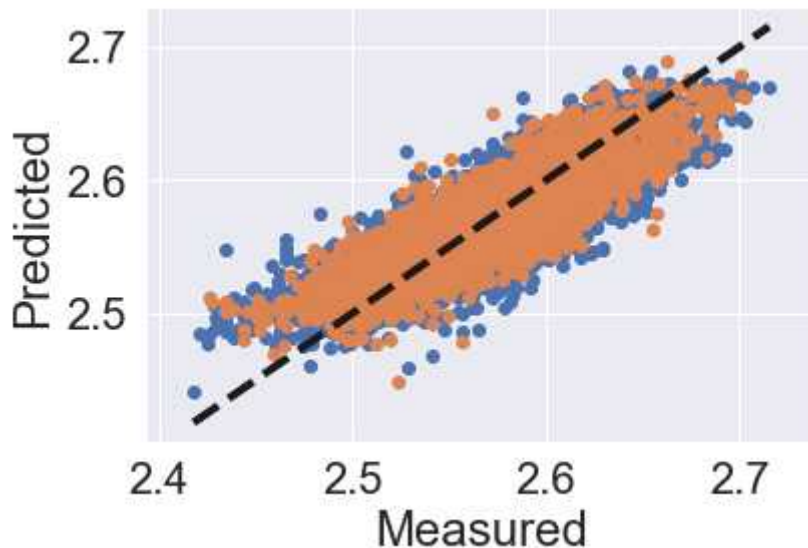
[<matplotlib.lines.Line2D at 0x280a8108780>]

Out[67]:

Text(0.5, 0, 'Measured')

Out[67]:

Text(0, 0.5, 'Predicted')



## KNN Regressor

In [68]:

```

from sklearn.neighbors import KNeighborsRegressor
kfold = KFold(n_splits=5, random_state=0)
param_grid={'n_neighbors':range(1,10)}

grid_search = GridSearchCV(KNeighborsRegressor(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)

knn_ts=grid_search.score(X_test, y_test)

```

Out[68]:

```

GridSearchCV(cv=KFold(n_splits=5, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=KNeighborsRegressor(algorithm='auto', leaf_size=30,
                                           metric='minkowski',
                                           metric_params=None, n_jobs=None,
                                           n_neighbors=5, p=2,
                                           weights='uniform'),
             iid='warn', n_jobs=None, param_grid={'n_neighbors': range(1,
10)}),
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [69]:

```

print("Train:",grid_search.best_score_)
print("Test",knn_ts)
print("parameters",grid_search.best_params_)

```

```

Train: 0.8146660188663891
Test 0.8283339278580015
parameters {'n_neighbors': 9}

```

As we can see, The best K value for K nearest neighbors is 9.

In [70]:

```

pre_pca.loc[len(pre_pca)]=[3, 'KNN Regression',grid_search.best_params_,grid_search.best_score_,knn_ts]

```

In [71]:

```
pre_pca
```

Out[71]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334

In [72]:

```
from sklearn.model_selection import cross_val_predict
fig, ax = plt.subplots()
predicted = cross_val_predict(grid_search, X_train, y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search, X_test, y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[72]:

<matplotlib.collections.PathCollection at 0x280a540c940>

Out[72]:

<matplotlib.collections.PathCollection at 0x280a53f0e10>

Out[72]:

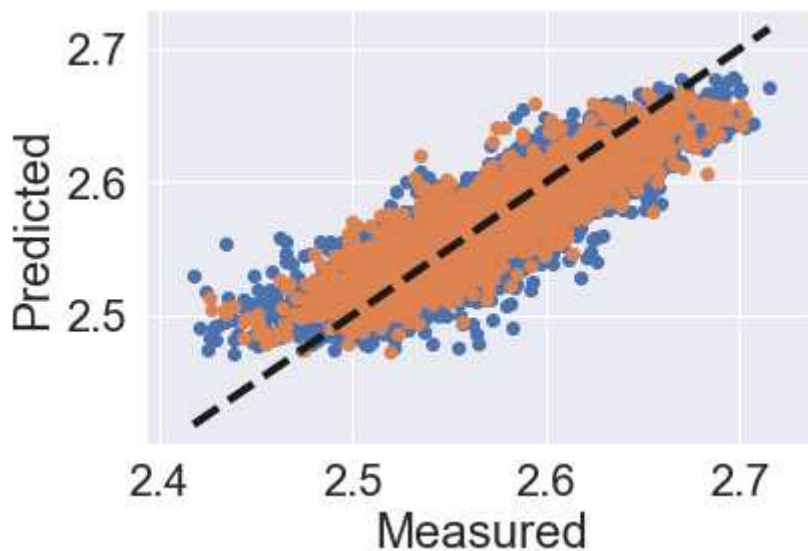
[<matplotlib.lines.Line2D at 0x280a53f07f0>]

Out[72]:

Text(0.5, 0, 'Measured')

Out[72]:

Text(0, 0.5, 'Predicted')



## Ridge Regression

In [73]:

```

from sklearn.linear_model import Ridge
kfold =KFold(n_splits=3, random_state=0)
param_grid={'alpha':[0.001,0.01, 0.1, 1, 10, 100]}

grid_search = GridSearchCV(Ridge(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)
test_ri=grid_search.score(X_test,y_test)

```

Out[73]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=Ridge(alpha=1.0, copy_X=True, fit_intercept=True,
                             max_iter=None, normalize=False, random_state=
None,
                             solver='auto', tol=0.001),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.001, 0.01, 0.1, 1, 10, 100]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [74]:

```

print("Train:",grid_search.best_score_)
print("Test",test_ri)
print("parameters",grid_search.best_params_)

```

```

Train: 0.7290007284649648
Test 0.7317120709376267
parameters {'alpha': 10}

```

In [75]:

```

pre_pca.loc[len(pre_pca)]=[4, 'Ridge Regression',grid_search.best_params_,grid_search.be
st_score_,test_ri]

```

In [76]:

pre\_pca

Out[76]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712

In [77]:

```
%matplotlib inline
import numpy as np

x_range1 = np.linspace(0.001, 1, 100).reshape(-1,1)
x_range2 = np.linspace(1, 10000, 10000).reshape(-1,1)

x_range = np.append(x_range1, x_range2)
coeff = []

for alpha in x_range:
    ridge = Ridge(alpha)
    ridge.fit(X_train,y_train)
    coeff.append(ridge.coef_ )

coeff = np.array(coeff)

for i in range(0,13):
    plt.plot(x_range, coeff[:,i], label = 'feature {:d}'.format(i))

plt.axhline(y=0, xmin=0.001, xmax=9999, linewidth=1, c='gray')
plt.xlabel(r'$\alpha$')
plt.xscale('log')
plt.legend(loc='upper center', bbox_to_anchor=(0.5, 1.5),
          ncol=3, fancybox=True, shadow=True)
plt.show()
```

Out[77]:

```
Ridge(alpha=0.001, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.011090909090909092, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.021181818181818184, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.03127272727272727, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.041363636363636366, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.05145454545454546, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.06154545454545455, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.07163636363636364, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.08172727272727273, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.09181818181818183, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.10190909090909092, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.112, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.1220909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.13218181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.14227272727272727, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.15236363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.16245454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.17254545454545456, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.18263636363636365, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.19272727272727275, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.20281818181818184, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.2129090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=0.223, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.2330909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.2431818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.25327272727272726, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.26336363636363636, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.27345454545454545, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.28354545454545454, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.29363636363636364, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.30372727272727273, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.31381818181818183, copy_X=True, fit_intercept=True, max_iter=  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3239090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.334, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3440909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3541818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3642727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3743636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3844545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.3945454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4046363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4147272727272727, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4248181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4349090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.445, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4550909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4651818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4752727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4853636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.4954545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5055454545454545, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5156363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5257272727272727, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5358181818181819, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5459090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.556, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5660909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5761818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5862727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.5963636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6064545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6165454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6266363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6367272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6468181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6569090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.667, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6770909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6871818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.6972727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7073636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7174545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7275454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7376363636363636, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7477272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7578181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.767909090909091, copy_X=True, fit_intercept=True, max_iter=N  
one,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.778, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7880909090909092, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.7981818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8082727272727274, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8183636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8284545454545454, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8385454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8486363636363636, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8587272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8688181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.878909090909091, copy_X=True, fit_intercept=True, max_iter=N  
one,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.889, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.8990909090909092, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9091818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9192727272727274, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9293636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9394545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9495454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9596363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9697272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.9798181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=0.989909090909091, copy_X=True, fit_intercept=True, max_iter=N  
one,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=10.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=11.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=12.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=13.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=14.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=15.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=16.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=17.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=18.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=19.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=20.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=21.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=22.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=23.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=24.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=25.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=26.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=27.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=28.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=29.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=30.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=31.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=32.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=33.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=34.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=35.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=36.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=37.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=38.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=39.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=40.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=41.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=42.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=43.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=44.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=45.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=46.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=47.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=48.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=49.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=50.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=51.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=52.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=53.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=54.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=55.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=56.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=57.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=58.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=59.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=60.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=61.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=62.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=63.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=64.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=65.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=66.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=67.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=68.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=69.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=70.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=71.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=72.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=73.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=74.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=75.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=76.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=77.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=78.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=79.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=80.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=81.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=82.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=83.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=84.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=85.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=86.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=87.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=88.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=89.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=90.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=91.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=92.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=93.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=94.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=95.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=96.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=97.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=98.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=99.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=100.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=101.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=102.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=103.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=104.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=105.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=106.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=107.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=108.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=109.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=110.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=111.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=112.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=113.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=114.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=115.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=116.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=143.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=144.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=145.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=146.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=147.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=148.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=149.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=150.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=151.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=152.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=153.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=154.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=155.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=208.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=209.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=210.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=211.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=212.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=213.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=214.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=215.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=216.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=217.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=218.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=219.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=220.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=221.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=222.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=223.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=224.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=225.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=226.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=227.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=228.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=229.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=230.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=231.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=232.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=233.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=312.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=313.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=314.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=315.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=316.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=317.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=318.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=319.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=320.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=321.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=322.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=323.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=324.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=364.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=365.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=366.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=367.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=368.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=369.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=370.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=371.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=372.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=373.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=374.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=375.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=376.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=481.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=482.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=483.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=484.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=485.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=486.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=487.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=488.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=489.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=490.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=491.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=492.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=493.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=533.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=534.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=535.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=536.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=537.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=538.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=539.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=540.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=541.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=542.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=543.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=544.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=545.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=611.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=612.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=613.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=614.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=615.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=616.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=617.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=618.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=619.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=620.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=621.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=622.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=623.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=624.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=625.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=626.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=627.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=628.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=629.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=630.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=631.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=632.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=633.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=634.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=635.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=636.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=650.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=651.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=652.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=653.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=654.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=655.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=656.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=657.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=658.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=659.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=660.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=661.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=662.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=741.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=742.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=743.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=744.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=745.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=746.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=747.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=748.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=749.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=750.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=751.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=752.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=753.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=806.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=807.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=808.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=809.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=810.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=811.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=812.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=813.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=814.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=815.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=816.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=817.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=818.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=832.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=833.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=834.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=835.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=836.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=837.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=838.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=839.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=840.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=841.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=842.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=843.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=844.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=858.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=859.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=860.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=861.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=862.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=863.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=864.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=865.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=866.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=867.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=868.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=869.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=870.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=988.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=989.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=990.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=991.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=992.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=993.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=994.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=995.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=996.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=997.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=998.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=999.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1000.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1066.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1067.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1068.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1069.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1070.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1071.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1072.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1073.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1074.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1075.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1076.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1077.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1078.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1092.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1093.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1094.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1095.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1096.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1097.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1098.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1099.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1100.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1101.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1102.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1103.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1104.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1144.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1145.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1146.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1147.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1148.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1149.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1150.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1151.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1152.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1153.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1154.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1155.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1156.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1976.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1977.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1978.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1979.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1980.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1981.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1982.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1983.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1984.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1985.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1986.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1987.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1988.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=1989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=1999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2236.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2237.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2238.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2239.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2240.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2241.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2242.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2243.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2244.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2245.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2246.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2247.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2248.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2496.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2497.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2498.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2499.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2500.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2501.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2502.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2503.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2504.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2505.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2506.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2507.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2508.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2626.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2627.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2628.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2629.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2630.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2631.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2632.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2633.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2634.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2635.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2636.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2637.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2638.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=2925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=2999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3731.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3732.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3733.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3734.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3735.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3736.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3737.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3738.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3739.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3740.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3741.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3742.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3743.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=3965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=3999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4134.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4135.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4136.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4137.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4138.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4139.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4140.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4141.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4142.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4143.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4144.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4145.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4146.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4459.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4460.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4461.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4462.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4463.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4464.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4465.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4466.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4467.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4468.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4469.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4470.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4471.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4472.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4473.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4474.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4475.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4476.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4477.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4478.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4479.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4480.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4481.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4482.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4483.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4484.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4498.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4499.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4500.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4501.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4502.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4503.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4504.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4505.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4506.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4507.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4508.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4509.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4510.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4693.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4694.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4695.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4696.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4697.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4698.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4699.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4700.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4701.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4702.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4703.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4704.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4705.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4836.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4837.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4838.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4839.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4840.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4841.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4842.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4843.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4844.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4845.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4846.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4847.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4848.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=4901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4966.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4967.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4968.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4969.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4970.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4971.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4972.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4973.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4974.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4975.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4976.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4977.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4978.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=4999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5096.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5097.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5098.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5099.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5100.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5101.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5102.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5103.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5104.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5105.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5106.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5107.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5108.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5226.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5227.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5228.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5229.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5230.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5231.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5232.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5233.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5234.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5235.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5236.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5237.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5238.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5278.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5279.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5280.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5281.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5282.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5283.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5284.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5285.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5286.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5287.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5288.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5289.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5290.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5304.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5305.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5306.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5307.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5308.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5309.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5310.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5311.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5312.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5313.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5314.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5315.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5316.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5408.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5409.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5410.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5411.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5412.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5413.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5414.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5415.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5416.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5417.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5418.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5419.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5420.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5551.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5552.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5553.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5554.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5555.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5556.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5557.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5558.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5559.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5560.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5561.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5562.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5563.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=5941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=5999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6006.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6007.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6008.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6009.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6010.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6011.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6012.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6013.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6014.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6015.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6016.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6017.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6018.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6175.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6176.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6177.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6178.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6179.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6180.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6181.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6182.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6183.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6184.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6185.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6186.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6187.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6253.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6254.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6255.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6256.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6257.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6258.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6259.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6260.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6261.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6262.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6263.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6264.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6265.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6344.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6345.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6346.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6347.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6348.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6349.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6350.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6351.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6352.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6353.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6354.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6355.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6356.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6409.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6410.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6411.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6412.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6413.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6414.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6415.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6416.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6417.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6418.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6419.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6420.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6421.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6513.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6514.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6515.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6516.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6517.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6518.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6519.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6520.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6521.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6522.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6523.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6524.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6525.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6565.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6566.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6567.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6568.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6569.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6570.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6571.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6572.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6573.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6574.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6575.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6576.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6577.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6773.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6774.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6775.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6776.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6777.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6778.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6779.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6780.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6781.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6782.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6783.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6784.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6785.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6851.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6852.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6853.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6854.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6855.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6856.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6857.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6858.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6859.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6860.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6861.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6862.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6863.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=6981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=6999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7033.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7034.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7035.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7036.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7037.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7038.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7039.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7040.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7041.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7042.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7043.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7044.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7045.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7072.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7073.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7074.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7075.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7076.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7077.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7078.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7079.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7080.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7081.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7082.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7083.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7084.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7280.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7281.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7282.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7283.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7284.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7285.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7286.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7287.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7288.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7289.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7290.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7291.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7292.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7293.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7294.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7295.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7296.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7297.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7298.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7299.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7300.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7301.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7302.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7303.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7304.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7305.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7631.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7632.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7633.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7634.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7635.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7636.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7637.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7638.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7639.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7640.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7641.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7642.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7643.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7722.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7723.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7724.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7725.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7726.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7727.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7728.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7729.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7730.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7731.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7732.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7733.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7734.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=7917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=7999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=8957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=8999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9035.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9036.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9037.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9038.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9039.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9040.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9041.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9042.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9043.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9044.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9045.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9046.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9047.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9074.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9075.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9076.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9077.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9078.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9079.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9080.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9081.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9082.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9083.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9084.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9085.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9086.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9100.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9101.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9102.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9103.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9104.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9105.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9106.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9107.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9108.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9109.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9110.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9111.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9112.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9269.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9270.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9271.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9272.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9273.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9274.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9275.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9276.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9277.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9278.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9279.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9280.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9281.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9607.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9608.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9609.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9610.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9611.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9612.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9613.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9614.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9615.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9616.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9617.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9618.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9619.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[77]:

```
Ridge(alpha=9997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=9999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
Ridge(alpha=10000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a5447ac8>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a5447c50>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a545a0b8>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a545a668>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a545a908>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a545ac50>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a545aac8>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a7f81320>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a7f81668>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a7f81a20>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a5431128>]
```

Out[77]:

```
[<matplotlib.lines.Line2D at 0x280a7f88048>]
```

Out[77]:

[<matplotlib.lines.Line2D at 0x280a7f88208>]

Out[77]:

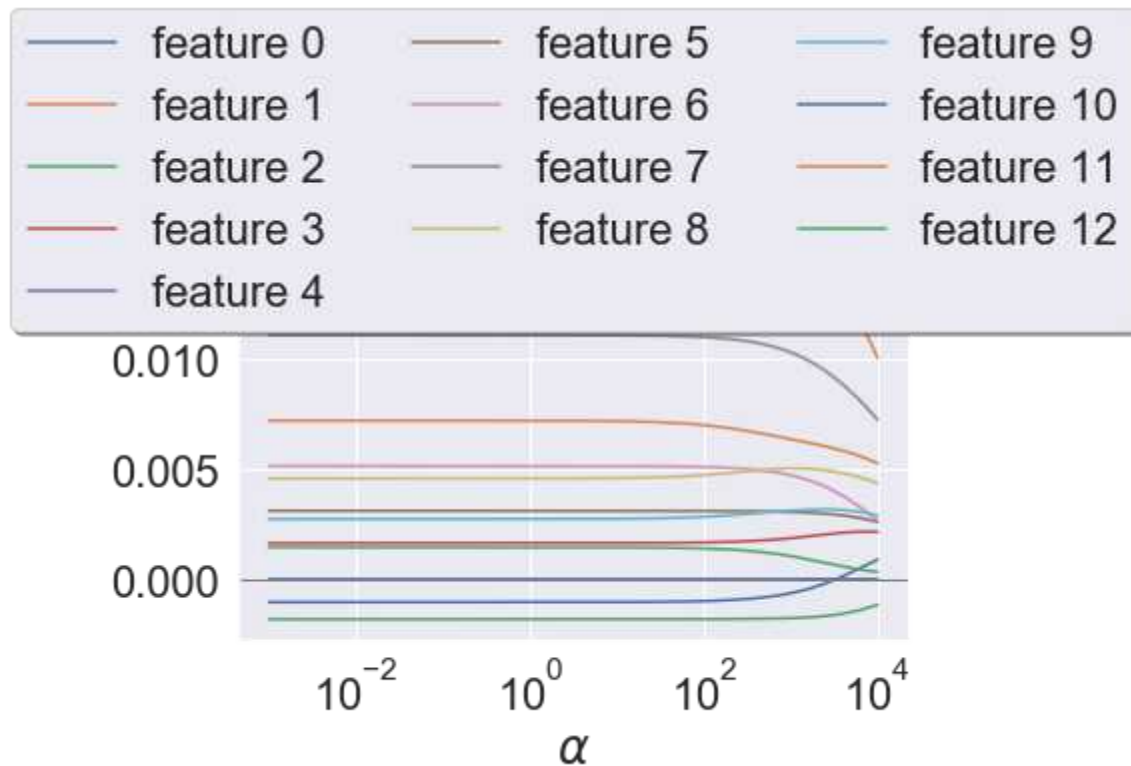
<matplotlib.lines.Line2D at 0x280a53f0588>

Out[77]:

Text(0.5, 0, '\$\\alpha\$')

Out[77]:

<matplotlib.legend.Legend at 0x280a5431048>



In [78]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[78]:

<matplotlib.collections.PathCollection at 0x280a0bda0f0>

Out[78]:

<matplotlib.collections.PathCollection at 0x280a07f5160>

Out[78]:

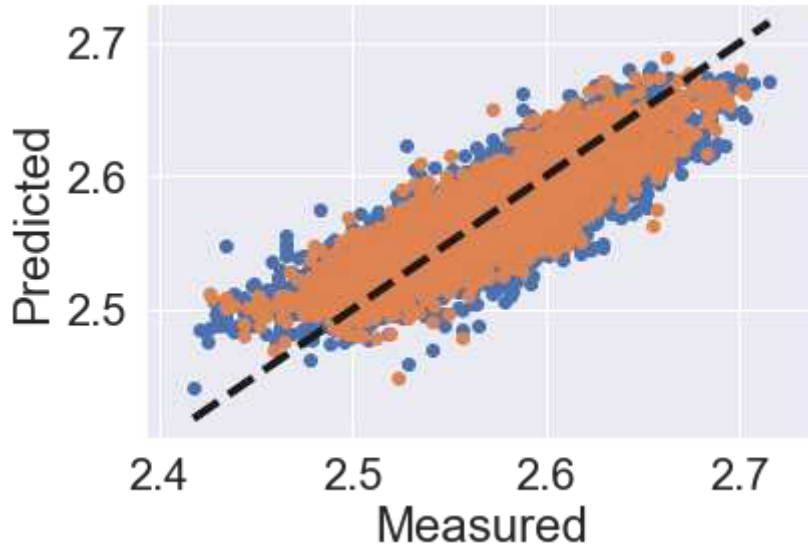
[<matplotlib.lines.Line2D at 0x28097425cc0>]

Out[78]:

Text(0.5, 0, 'Measured')

Out[78]:

Text(0, 0.5, 'Predicted')



## Polynomial Regression

In [79]:

```
from sklearn.preprocessing import PolynomialFeatures
kfold = KFold(n_splits=5, random_state=0)
train_s_list = []
test_s_list = []
for n in range(1,5):
    poly = PolynomialFeatures(n)
    X_train_poly = poly.fit_transform(X_train)
    X_test_poly = poly.transform(X_test)
    train_s_list.append(cross_val_score(lreg, X_train_poly, y_train, cv=kfold).mean())
    lreg.fit(X_train_poly, y_train)
    test_s_list.append(lreg.score(X_test_poly, y_test))
```

Out[79]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[79]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[79]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[79]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

In [80]:

```
print(train_s_list)
print(test_s_list)
```

```
[0.7288763409931471, 0.7785668468336245, 0.8151131399994815, -11.276535955
134039]
[0.7317016560570803, 0.7794188473411423, 0.8318441062052297, -0.6208516739
023782]
```

The best scores are rendered by polynomials of degree 3.

In [81]:

```
print("Train", train_s_list[1])
print("Test", test_s_list[1])
print("Best Parameters n=", 3)
```

```
Train 0.7785668468336245
Test 0.7794188473411423
Best Parameters n= 3
```

Adding the scores to the model results

In [82]:

```
pre_pca.loc[len(pre_pca)]=[5, 'Polynomial Regression',2,train_s_list[1],test_s_list[1]]
```

In [83]:

```
pre_pca
```

Out[83]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419

In [84]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[84]:

<matplotlib.collections.PathCollection at 0x2808b9c4668>

Out[84]:

<matplotlib.collections.PathCollection at 0x2808b9c4278>

Out[84]:

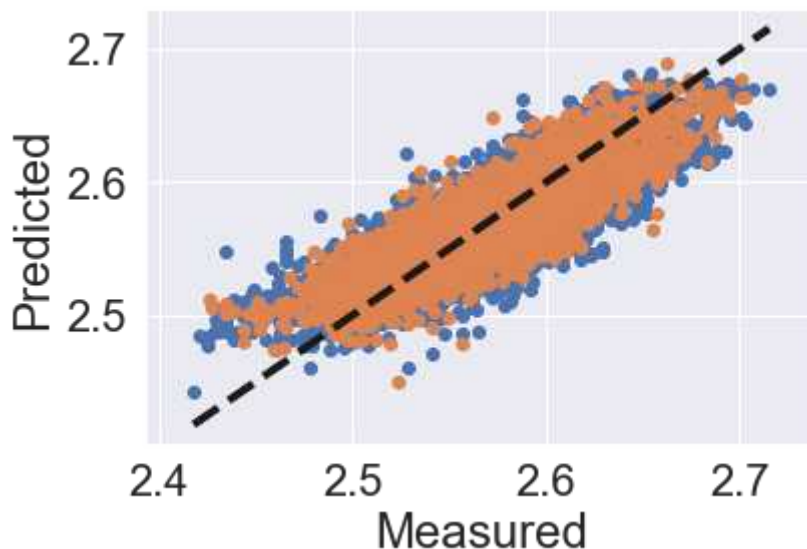
[<matplotlib.lines.Line2D at 0x2808b9c46a0>]

Out[84]:

Text(0.5, 0, 'Measured')

Out[84]:

Text(0, 0.5, 'Predicted')



## Linear SVR Model

In [85]:

```
from sklearn.svm import LinearSVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=5, random_state=0)

param_grid = {'C': [0.001, 0.01, 0.1, 1, 0.5, 10, 100], 'max_iter':[50000]}
grid_search = GridSearchCV(LinearSVR(), param_grid, cv=kfold, return_train_score=True)

grid_search.fit(X_train, y_train)

test=grid_search.score(X_test, y_test)
```

Out[85]:

```
GridSearchCV(cv=KFold(n_splits=5, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=LinearSVR(C=1.0, dual=True, epsilon=0.0,
                                fit_intercept=True, intercept_scaling=1.
0,
                                loss='epsilon_insensitive', max_iter=100
0,
                                random_state=None, tol=0.0001, verbose=
0),
             iid='warn', n_jobs=None,
             param_grid={'C': [0.001, 0.01, 0.1, 1, 0.5, 10, 100],
                         'max_iter': [50000]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)
```

In [86]:

```
print("Train set score with best parameters: {:.5f}".format(grid_search.best_score_))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:", grid_search.best_params_)
```

```
Train set score with best parameters: 0.72667
Test set score with best parameters: 0.72929
best parameters are: {'C': 1, 'max_iter': 50000}
```

In [87]:

```
pre_pca.loc[len(pre_pca)]=[6, 'Linear SVR Model', grid_search.best_params_, grid_search.be
st_score_, test]
```

In [88]:

pre\_pca

Out[88]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291

## SVR with Kernel Trick

In [90]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=3, random_state=0)
param_grid = {'C': [0.001, 0.01, 0.1, 1, 250, 10, 100], 'max_iter':[60000]}
grid_search = GridSearchCV(SVR(kernel='linear'), param_grid, cv=kfold, return_train_score=True)

grid_search.fit(X_train, y_train)

test=cross_val_score(grid_search,X_test, y_test,scoring='r2',cv=kfold).mean()
train=grid_search.score(X_train, y_train)

```

Out[90]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=SVR(C=1.0, cache_size=200, coef0=0.0, degree=3,
                           epsilon=0.1, gamma='auto_deprecated',
                           kernel='linear', max_iter=-1, shrinking=True,
                           tol=0.001, verbose=False),
             iid='warn', n_jobs=None,
             param_grid={'C': [0.001, 0.01, 0.1, 1, 250, 10, 100],
                          'max_iter': [60000]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [91]:

```

print("Train set score with best parameters: {:.5f}".format(grid_search.best_score_))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

```

Train set score with best parameters: 0.41340
Test set score with best parameters: 0.36776
best parameters are: {'C': 0.001, 'max_iter': 60000}

```



In [92]:

```
pre_pca.loc[len(pre_pca)]=[7, 'SVR- Kernel (Linear)',grid_search.best_params_,grid_search.best_score_,test]
```

In [93]:

```
pre_pca
```

Out[93]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.413400	0.367759

In [94]:

```
from sklearn.model_selection import cross_val_predict
fig, ax = plt.subplots()
predicted = cross_val_predict(grid_search, X_train, y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search, X_test, y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[94]:

<matplotlib.collections.PathCollection at 0x280a807d198>

Out[94]:

<matplotlib.collections.PathCollection at 0x280a807d9e8>

Out[94]:

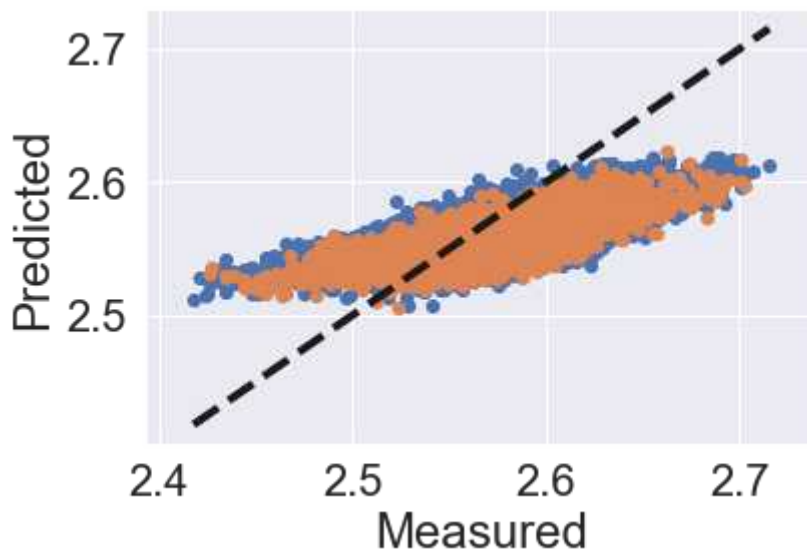
[<matplotlib.lines.Line2D at 0x280a807d2e8>]

Out[94]:

Text(0.5, 0, 'Measured')

Out[94]:

Text(0, 0.5, 'Predicted')



## SVR - Polynomial Kernel Trick

In [95]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=10, random_state=0)
param_grid = {'C': [0.01, 10, 0.1, 1, 250, 100], 'degree': [1, 2, 3, 4]}
grid_search = GridSearchCV(SVR(kernel='poly'), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test);

```

In [96]:

```

print("Train set score with best parameters: {:.5f}".format(train))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

Train set score with best parameters: 0.41980  
 Test set score with best parameters: 0.43136  
 best parameters are: {'C': 10, 'degree': 1}

In [97]:

```

pre_pca.loc[len(pre_pca)]=[8, 'Linear SVR- Polynomial Kernel',grid_search.best_params_,train,test]

```

In [98]:

pre\_pca

Out[98]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.413400	0.367759
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.419795	0.431358

## SVR RBF Kernel

In [99]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=5, random_state=0)
param_grid = {'C': [0.001, 0.01, 0.1, 1, 10, 100, 250, 500], 'gamma': [0.001, 0.01, 0.1, 1, 10, 100, 250, 500]}
grid_search = GridSearchCV(SVR(kernel='rbf'), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test);

```

In [100]:

```

print("Train set score with best parameters: {:.5f}".format(train))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

Train set score with best parameters: 0.42235  
 Test set score with best parameters: 0.43311  
 best parameters are: {'C': 0.1, 'gamma': 0.01}

In [101]:

```
pre_pca.loc[len(pre_pca)]=[9, 'SVR- RBF Kernel',grid_search.best_params_,train,test]
```

In [102]:

pre\_pca

Out[102]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.413400	0.367759
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.419795	0.431358
8	9	SVR- RBF Kernel	{'C': 0.1, 'gamma': 0.01}	0.422351	0.433114

In [103]:

```
from sklearn.model_selection import cross_val_predict
fig, ax = plt.subplots()
predicted = cross_val_predict(grid_search, X_train, y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search, X_test, y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[103]:

<matplotlib.collections.PathCollection at 0x280a8131ac8>

Out[103]:

<matplotlib.collections.PathCollection at 0x280a8131e80>

Out[103]:

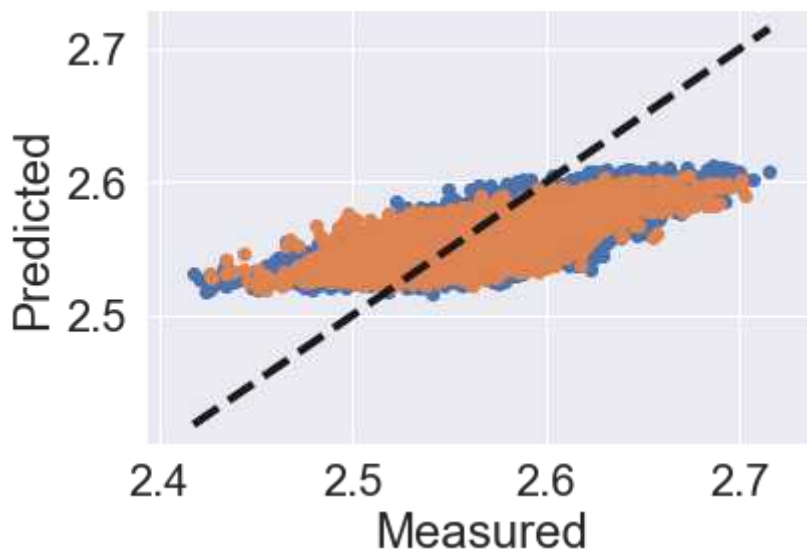
[<matplotlib.lines.Line2D at 0x280a8148d68>]

Out[103]:

Text(0.5, 0, 'Measured')

Out[103]:

Text(0, 0.5, 'Predicted')



## SGD Regressor

In [104]:

```

from sklearn.linear_model import SGDRegressor
from sklearn.model_selection import KFold
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=10, random_state=0)
param_grid = {'alpha': [0.01, 10, 0.1, 1, 250, 100, 500], 'penalty': ['l1', 'l2']}
grid_search = GridSearchCV(SGDRegressor(), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test)

```

Out[104]:

```

GridSearchCV(cv=KFold(n_splits=10, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=SGDRegressor(alpha=0.0001, average=False,
                                     early_stopping=False, epsilon=0.1,
                                     eta0=0.01, fit_intercept=True,
                                     l1_ratio=0.15, learning_rate='invscaling',
                                     loss='squared_loss', max_iter=1000,
                                     n_iter_no_change=5, penalty='l2',
                                     power_t=0.25, random_state=None,
                                     shuffle=True, tol=0.001,
                                     validation_fraction=0.1, verbose=0,
                                     warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.01, 10, 0.1, 1, 250, 100, 500],
                         'penalty': ['l1', 'l2']},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [105]:

```

print(test)
print(train)
print(grid_search.best_params_)

```

```

0.73029670810638
0.7277692841683315
{'alpha': 0.01, 'penalty': 'l2'}

```

In [106]:

```

from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=5)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=5)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()

```

Out[106]:

<matplotlib.collections.PathCollection at 0x280af305fd0>

Out[106]:

<matplotlib.collections.PathCollection at 0x280af30a2b0>

Out[106]:

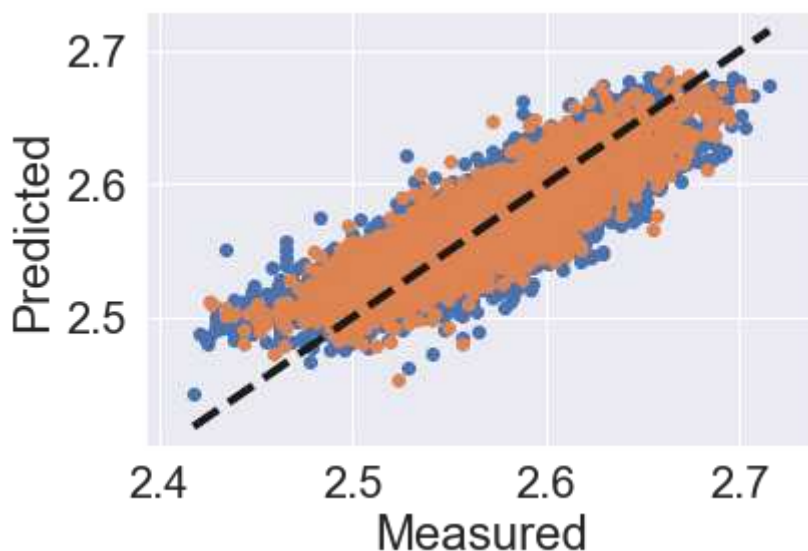
[<matplotlib.lines.Line2D at 0x280af305f98>]

Out[106]:

Text(0.5, 0, 'Measured')

Out[106]:

Text(0, 0.5, 'Predicted')



In [107]:

```
pre_pca.loc[len(pre_pca)]=[10,'SGD Regressor',grid_search.best_params_,train,test]
```

In [108]:

pre\_pca

Out[108]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.413400	0.367759
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.419795	0.431358
8	9	SVR- RBF Kernel	{'C': 0.1, 'gamma': 0.01}	0.422351	0.433114
9	10	SGD Regressor	{'alpha': 0.01, 'penalty': 'l2'}	0.727769	0.730297

**Clearly, the best model seems to be KNN Regressor with value 9.**

In [109]:

pre\_pca.to\_csv('pre\_pca\_reg.csv')

## Now we apply PCA

In [110]:

```
from sklearn.decomposition import PCA

pca = PCA(n_components=0.97)
pca.fit(X_train)
pca.n_components_
```

Out[110]:

```
PCA(copy=True, iterated_power='auto', n_components=0.97, random_state=None,
      svd_solver='auto', tol=0.0, whiten=False)
```

Out[110]:

11

In [111]:

```
X_train = pca.transform(X_train)
X_test = pca.transform(X_test)
```



## Linear Regression

In [112]:

```
from sklearn.linear_model import LinearRegression
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=3, random_state=0)

lreg = LinearRegression()
lreg.fit(X_train, y_train)
mn = 'Linear Regression'
cv_train=cross_val_score(lreg, X_train, y_train, cv=kfold).mean()
test=lreg.score(X_test, y_test)
print('Train score: %.4f'%cross_val_score(lreg, X_train, y_train, cv=kfold).mean())
print('Test score: %.4f'%lreg.score(X_test, y_test))
```

Out[112]:

```
LinearRegression(copy_X=True, fit_intercept=True, n_jobs=None, normalize=False)
```

Train score: 0.7288

Test score: 0.7322

Now we append the scores to a dataframe called 'mr' which stands for 'Model\_Results' for readability.

In [113]:

```
post_pca = pd.DataFrame(columns=('S.No', 'Model_Name', 'Parameters', 'Train_Score', 'Test_Score'))
```

In [114]:

```
post_pca.loc[len(post_pca)]=[1,mn,'none',cv_train,test]
```

In [115]:

```
post_pca
```

Out[115]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179

## Lasso Regression

In [116]:

```

from sklearn.linear_model import Lasso
kfold = KFold(n_splits=3, random_state=0)
param_grid={'alpha':[0.0001,0.001,0.01, 0.1, 0.5, 1, 5, 10]}
grid_search = GridSearchCV(Lasso(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)
grid_search_test=grid_search.score(X_test,y_test)

```

Out[116]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=Lasso(alpha=1.0, copy_X=True, fit_intercept=True,
                             max_iter=1000, normalize=False, positive=False),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.0001, 0.001, 0.01, 0.1, 0.5, 1, 5, 10]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [117]:

```

print("parameters",grid_search.best_params_)
print("Train:",grid_search.best_score_)
print("Test",grid_search_test)

```

```

parameters {'alpha': 0.0001}
Train: 0.7286434427670346
Test 0.7320620704212781

```

Appending the scores to 'Model Results' for readability.

In [118]:

```

post_pca.loc[len(post_pca)]=[2, 'Lasso Regression',grid_search.best_params_,grid_search.
best_score_,grid_search_test]

```

In [119]:

```
post_pca
```

Out[119]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062

We can now understand by plotting the relation between the predicted values and observed values.

In [120]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[120]:

<matplotlib.collections.PathCollection at 0x280af1ebba8>

Out[120]:

<matplotlib.collections.PathCollection at 0x280af1f8668>

Out[120]:

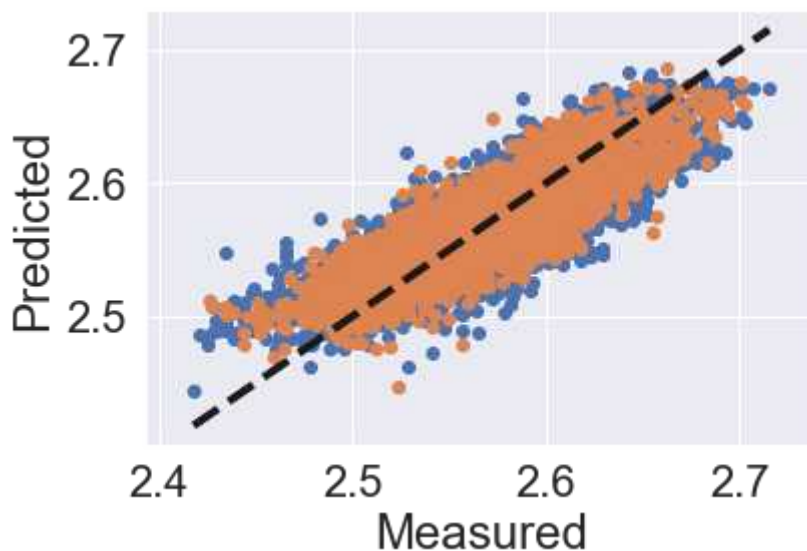
[<matplotlib.lines.Line2D at 0x280af1f8518>]

Out[120]:

Text(0.5, 0, 'Measured')

Out[120]:

Text(0, 0.5, 'Predicted')



## KNN Regressor

In [121]:

```

from sklearn.neighbors import KNeighborsRegressor
kfold =KFold(n_splits=5, random_state=0)
param_grid={'n_neighbors':range(1,10)}

grid_search = GridSearchCV(KNeighborsRegressor(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)

knn_ts=grid_search.score(X_test, y_test)

```

Out[121]:

```

GridSearchCV(cv=KFold(n_splits=5, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=KNeighborsRegressor(algorithm='auto', leaf_size=30,
                                           metric='minkowski',
                                           metric_params=None, n_jobs=None,
                                           n_neighbors=5, p=2,
                                           weights='uniform'),
             iid='warn', n_jobs=None, param_grid={'n_neighbors': range(1,
10)}},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [122]:

```

print("Train:",grid_search.best_score_)
print("Test",knn_ts)
print("parameters",grid_search.best_params_)

```

```

Train: 0.8155949404071886
Test 0.8303907244633926
parameters {'n_neighbors': 9}

```

As we can see, The best K value for K nearest neighbors is 9.

In [123]:

```

post_pca.loc[len(post_pca)]=[3, 'KNN Regression',grid_search.best_params_,grid_search.best_score_,knn_ts]

```

In [124]:

```
post_pca
```

Out[124]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391

In [125]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[125]:

<matplotlib.collections.PathCollection at 0x280af246fd0>

Out[125]:

<matplotlib.collections.PathCollection at 0x280af25ea58>

Out[125]:

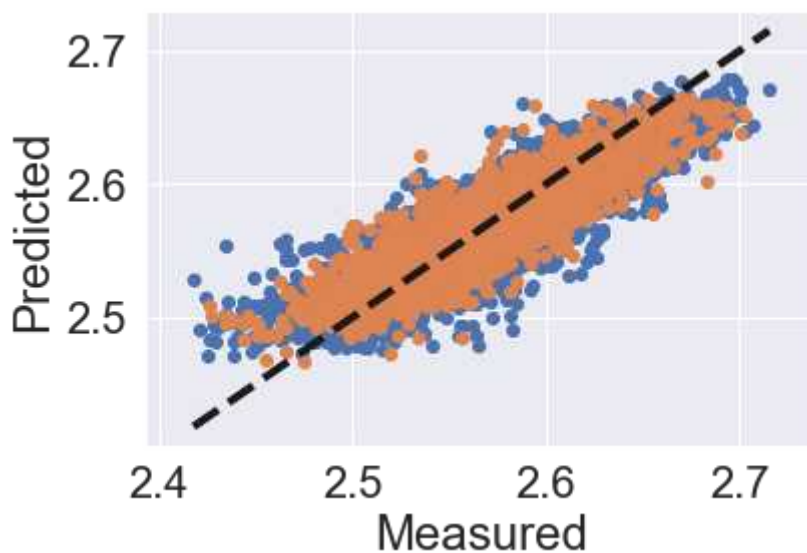
[<matplotlib.lines.Line2D at 0x280af25ec50>]

Out[125]:

Text(0.5, 0, 'Measured')

Out[125]:

Text(0, 0.5, 'Predicted')



## Ridge Regression

In [126]:

```

from sklearn.linear_model import Ridge
kfold =KFold(n_splits=3, random_state=0)
param_grid={'alpha':[0.001,0.01, 0.1, 1, 10, 100]}

grid_search = GridSearchCV(Ridge(), param_grid, cv=kfold, return_train_score=True)
grid_search.fit(X_train,y_train)
test_ri=grid_search.score(X_test,y_test)

```

Out[126]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=Ridge(alpha=1.0, copy_X=True, fit_intercept=True,
                             max_iter=None, normalize=False, random_state=
None,
                             solver='auto', tol=0.001),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.001, 0.01, 0.1, 1, 10, 100]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [127]:

```

print("Train:",grid_search.best_score_)
print("Test",test_ri)
print("parameters",grid_search.best_params_)

```

```

Train: 0.7287597714330897
Test 0.7321804005461934
parameters {'alpha': 10}

```

In [128]:

```

post_pca.loc[len(post_pca)]=[4, 'Ridge Regression',grid_search.best_params_,grid_search.
best_score_,test_ri]

```

In [129]:

```
post_pca
```

Out[129]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180

In [130]:

```
%matplotlib inline
import numpy as np

x_range1 = np.linspace(0.001, 1, 100).reshape(-1,1)
x_range2 = np.linspace(1, 10000, 10000).reshape(-1,1)

x_range = np.append(x_range1, x_range2)
coeff = []

for alpha in x_range:
    ridge = Ridge(alpha)
    ridge.fit(X_train,y_train)
    coeff.append(ridge.coef_ )

coeff = np.array(coeff)

for i in range(0,13):
    plt.plot(x_range, coeff[:,i], label = 'feature {:d}'.format(i))

plt.axhline(y=0, xmin=0.001, xmax=9999, linewidth=1, c='gray')
plt.xlabel(r'$\alpha$')
plt.xscale('log')
plt.legend(loc='upper center', bbox_to_anchor=(0.5, 1.5),
          ncol=3, fancybox=True, shadow=True)
plt.show()
```

Out[130]:

```
Ridge(alpha=0.001, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.011090909090909092, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.021181818181818184, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.03127272727272727, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.041363636363636366, copy_X=True, fit_intercept=True,
      max_iter=None, normalize=False, random_state=None, solver='auto',
      tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.05145454545454546, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.06154545454545455, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.07163636363636364, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.08172727272727273, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.09181818181818183, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.10190909090909092, copy_X=True, fit_intercept=True, max_iter
=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=0.112, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.1220909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.13218181818181818, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.14227272727272727, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.15236363636363637, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.16245454545454546, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.17254545454545456, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.18263636363636365, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.19272727272727275, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.20281818181818184, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.2129090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.223, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.2330909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.2431818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.25327272727272726, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.26336363636363636, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.27345454545454545, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.28354545454545454, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.29363636363636364, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.30372727272727273, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.31381818181818183, copy_X=True, fit_intercept=True, max_iter  
=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3239090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.334, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3440909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3541818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3642727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3743636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3844545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.3945454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4046363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4147272727272727, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4248181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4349090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.445, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4550909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4651818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4752727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4853636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.4954545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5055454545454545, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5156363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5257272727272727, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5358181818181819, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5459090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.556, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5660909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5761818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5862727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.5963636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6064545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6165454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6266363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6367272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6468181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6569090909090909, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.667, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6770909090909091, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6871818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.6972727272727273, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7073636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7174545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7275454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7376363636363636, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7477272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7578181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7679090909090909, copy_X=True, fit_intercept=True, max_iter=N  
one,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.778, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7880909090909092, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.7981818181818182, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8082727272727274, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8183636363636364, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8284545454545454, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8385454545454546, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8486363636363636, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8587272727272728, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8688181818181818, copy_X=True, fit_intercept=True, max_iter=
None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.878909090909091, copy_X=True, fit_intercept=True, max_iter=N
one,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.889, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.8990909090909092, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9091818181818182, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9192727272727274, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9293636363636364, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9394545454545455, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9495454545454546, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9596363636363637, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9697272727272728, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.9798181818181818, copy_X=True, fit_intercept=True, max_iter=  
None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=0.98990909090909091, copy_X=True, fit_intercept=True, max_iter=N  
one,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=10.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=11.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=12.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=13.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=14.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=15.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=16.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=17.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=18.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=19.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=20.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=21.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=22.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=23.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=24.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=25.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=26.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=27.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=28.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=29.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=30.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=31.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=32.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=33.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=34.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=35.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=36.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=37.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=38.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=39.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=40.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=41.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=42.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=43.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=44.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=45.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=46.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=47.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=48.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=49.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=50.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=51.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=52.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=53.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=54.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=55.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=56.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=57.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=58.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=59.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=60.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=61.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=62.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=63.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=64.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=65.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=66.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=67.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=68.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=69.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=70.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=71.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=72.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=73.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=74.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=75.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=76.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=77.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=78.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=79.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=80.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=81.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=82.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=83.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=84.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=85.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=86.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=87.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=88.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=89.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=90.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=91.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=92.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=93.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=94.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=95.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=96.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=97.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=98.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=99.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=130.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=131.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=132.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=133.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=134.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=135.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=136.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=137.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=138.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=139.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=140.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=141.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=142.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=208.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=209.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=210.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=211.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=212.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=213.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=214.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=215.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=216.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=217.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=218.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=219.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=220.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=299.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=300.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=301.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=302.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=303.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=304.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=305.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=306.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=307.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=308.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=309.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=310.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=311.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=312.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=313.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=314.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=315.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=316.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=317.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=318.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=319.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=320.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=321.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=322.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=323.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=324.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=351.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=352.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=353.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=354.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=355.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=356.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=357.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=358.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=359.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=360.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=361.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=362.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=363.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=442.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=443.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=444.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=445.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=446.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=447.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=448.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=449.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=450.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=451.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=452.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=453.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=454.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=546.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=547.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=548.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=549.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=550.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=551.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=552.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=553.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=554.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=555.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=556.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=557.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=558.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=572.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=573.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=574.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=575.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=576.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=577.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=578.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=579.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=580.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=581.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=582.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=583.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=584.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=676.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=677.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=678.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=679.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=680.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=681.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=682.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=683.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=684.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=685.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=686.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=687.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=688.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=715.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=716.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=717.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=718.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=719.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=720.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=721.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=722.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=723.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=724.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=725.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=726.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=727.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=780.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=781.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=782.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=783.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=784.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=785.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=786.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=787.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=788.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=789.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=790.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=791.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=792.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=806.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=807.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=808.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=809.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=810.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=811.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=812.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=813.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=814.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=815.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=816.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=817.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=818.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=832.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=833.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=834.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=835.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=836.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=837.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=838.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=839.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=840.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=841.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=842.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=843.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=844.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=858.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=859.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=860.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=861.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=862.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=863.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=864.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=865.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=866.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=867.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=868.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=869.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=870.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=871.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=872.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=873.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=874.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=875.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=876.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=877.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=878.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=879.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=880.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=881.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=882.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=883.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=884.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=885.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=886.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=887.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=888.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=889.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=890.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=891.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=892.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=893.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=894.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=895.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=896.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=897.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=898.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=899.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=900.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=901.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=902.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=903.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=904.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=905.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=906.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=907.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=908.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=909.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=923.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=924.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=925.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=926.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=927.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=928.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=929.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=930.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=931.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=932.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=933.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=934.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=935.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=962.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=963.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=964.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=965.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=966.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=967.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=968.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=969.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=970.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=971.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=972.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=973.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=974.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1794.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1795.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1796.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1797.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1798.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1799.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1800.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1801.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1802.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1803.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1804.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1805.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1806.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=1976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=1999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2509.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2510.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2511.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2512.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2513.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2514.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2515.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2516.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2517.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2518.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2519.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2520.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2521.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2613.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2614.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2615.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2616.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2617.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2618.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2619.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2620.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2621.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2622.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2623.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2624.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2625.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2652.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2653.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2654.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2655.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2656.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2657.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2658.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2659.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2660.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2661.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2662.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2663.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2664.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=2912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=2999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3575.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3576.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3577.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3578.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3579.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3580.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3581.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3582.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3583.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3584.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3585.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3586.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3587.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=3952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=3999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4004.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4005.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4006.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4007.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4008.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4009.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4010.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4011.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4012.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4013.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4014.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4015.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4016.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4368.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4369.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4370.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4371.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4372.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4373.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4374.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4375.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4376.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4377.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4378.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4379.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4380.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4797.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4798.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4799.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4800.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4801.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4802.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4803.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4804.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4805.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4806.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4807.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4808.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4809.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=4992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=4999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5356.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5357.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5358.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5359.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5360.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5361.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5362.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5363.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5364.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5365.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5366.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5367.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5368.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5408.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5409.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5410.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5411.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5412.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5413.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5414.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5415.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5416.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5417.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5418.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5419.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5420.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5525.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5526.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5527.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5528.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5529.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5530.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5531.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5532.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5533.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5534.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5535.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5536.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5537.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=5928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=5999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6006.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6007.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6008.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6009.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6010.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6011.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6012.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6013.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6014.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6015.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6016.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6017.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6018.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6123.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6124.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6125.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6126.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6127.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6128.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6129.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6130.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6131.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6132.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6133.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6134.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6135.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6201.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6202.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6203.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6204.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6205.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6206.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6207.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6208.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6209.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6210.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6211.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6212.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6213.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6279.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6280.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6281.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6282.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6283.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6284.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6285.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6286.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6287.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6288.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6289.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6290.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6291.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6357.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6358.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6359.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6360.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6361.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6362.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6363.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6364.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6365.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6366.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6367.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6368.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6369.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6396.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6397.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6398.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6399.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6400.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6401.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6402.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6403.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6404.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6405.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6406.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6407.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6408.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6448.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6449.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6450.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6451.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6452.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6453.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6454.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6455.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6456.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6457.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6458.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6459.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6460.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6552.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6553.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6554.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6555.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6556.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6557.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6558.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6559.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6560.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6561.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6562.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6563.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6564.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6604.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6605.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6606.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6607.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6608.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6609.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6610.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6611.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6612.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6613.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6614.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6615.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6616.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6643.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6644.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6645.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6646.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6647.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6648.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6649.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6650.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6651.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6652.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6653.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6654.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6655.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6721.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6722.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6723.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6724.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6725.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6726.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6727.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6728.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6729.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6730.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6731.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6732.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6733.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6734.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6735.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6736.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6737.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6738.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6739.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6740.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6741.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6742.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6743.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6744.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6745.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6746.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6838.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6839.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6840.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6841.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6842.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6843.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6844.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6845.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6846.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6847.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6848.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6849.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6850.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=6968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=6999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7098.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7099.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7100.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7101.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7102.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7103.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7104.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7105.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7106.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7107.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7108.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7109.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7110.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7151.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7152.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7153.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7154.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7155.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7156.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7157.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7158.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7159.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7160.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7161.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7162.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7163.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7164.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7165.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7166.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7167.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7168.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7169.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7170.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7171.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7172.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7173.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7174.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7175.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7176.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7254.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7255.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7256.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7257.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7258.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7259.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7260.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7261.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7262.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7263.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7264.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7265.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7266.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7384.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7385.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7386.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7387.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7388.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7389.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7390.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7391.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7392.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7393.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7394.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7395.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7396.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7501.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7502.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7503.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7504.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7505.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7506.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7507.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7508.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7509.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7510.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7511.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7512.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7513.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7527.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7528.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7529.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7530.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7531.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7532.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7533.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7534.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7535.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7536.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7537.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7538.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7539.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7748.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7749.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7750.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7751.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7752.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7753.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7754.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7755.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7756.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7757.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7758.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7759.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7760.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7800.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7801.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7802.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7803.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7804.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7805.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7806.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7807.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7808.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7809.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7810.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7811.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7812.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7852.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7853.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7854.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7855.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7856.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7857.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7858.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7859.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7860.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7861.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7862.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7863.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7864.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=7904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7943.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7944.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7945.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7946.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7947.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7948.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7949.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7950.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7951.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7952.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7953.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7954.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7955.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7969.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7970.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7971.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7972.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7973.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7974.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7975.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7976.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7977.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7978.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7979.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7980.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7981.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=7999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8139.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8140.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8141.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8142.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8143.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8144.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8145.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8146.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8147.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8148.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8149.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8150.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8151.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8152.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8153.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8154.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8155.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8156.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8157.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8158.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8159.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8160.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8161.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8162.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8163.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8164.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8165.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8166.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8167.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8168.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8169.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8170.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8171.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8172.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8173.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8174.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8175.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8176.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8177.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8242.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8243.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8244.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8245.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8246.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8247.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8248.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8249.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8250.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8251.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8252.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8253.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8254.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8412.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8413.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8414.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8415.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8416.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8417.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8418.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8419.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8420.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8421.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8422.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8423.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8424.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8438.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8439.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8440.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8441.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8442.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8443.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8444.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8445.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8446.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8447.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8448.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8449.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8450.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8463.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8464.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8465.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8466.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8467.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8468.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8469.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8470.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8471.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8472.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8473.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8474.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8475.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8542.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8543.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8544.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8545.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8546.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8547.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8548.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8549.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8550.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8551.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8552.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8553.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8554.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8646.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8647.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8648.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8649.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8650.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8651.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8652.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8653.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8654.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8655.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8656.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8657.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8658.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8879.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8880.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8881.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8882.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8883.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8884.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8885.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8886.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8887.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8888.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8889.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8890.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8891.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=8944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=8999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9001.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9002.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9003.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9004.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9005.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9006.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9007.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9008.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9009.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9010.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9011.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9012.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9013.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9014.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9015.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9016.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9017.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9018.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9019.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9020.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9021.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9022.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9023.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9024.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9025.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9026.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9027.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9028.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9029.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9030.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9031.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9032.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9033.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9034.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9035.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9036.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9037.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9038.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9039.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9040.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9041.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9042.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9043.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9044.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9045.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9046.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9047.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9048.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9049.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9050.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9051.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9052.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9053.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9054.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9055.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9056.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9057.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9058.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9059.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9060.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9061.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9062.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9063.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9064.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9065.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9066.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9067.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9068.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9069.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9070.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9071.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9072.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9073.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9074.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9075.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9076.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9077.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9078.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9079.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9080.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9081.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9082.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9083.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9084.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9085.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9086.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9087.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9088.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9089.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9090.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9091.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9092.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9093.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9094.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9095.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9096.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9097.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9098.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9099.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9100.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9101.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9102.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9103.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9104.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9105.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9106.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9107.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9108.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9109.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9110.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9111.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9112.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9113.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9114.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9115.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9116.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9117.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9118.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9119.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9120.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9121.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9122.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9123.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9124.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9125.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9126.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9127.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9128.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9129.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9130.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9131.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9132.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9133.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9134.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9135.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9136.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9137.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9138.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9139.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9140.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9141.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9142.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9143.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9144.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9145.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9146.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9147.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9148.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9149.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9150.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9151.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9152.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9153.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9154.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9155.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9156.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9157.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9158.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9159.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9160.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9161.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9162.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9163.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9164.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9165.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9166.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9167.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9168.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9169.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9170.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9171.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9172.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9173.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9174.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9175.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9176.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9177.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9178.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9179.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9180.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9181.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9182.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9183.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9184.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9185.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9186.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9187.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9188.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9189.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9190.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9191.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9192.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9193.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9194.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9195.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9196.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9197.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9198.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9199.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9200.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9201.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9202.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9203.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9204.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9205.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9206.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9207.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9208.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9209.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9210.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9211.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9212.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9213.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9214.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9215.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9216.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9217.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9218.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9219.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9220.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9221.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9222.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9223.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9224.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9225.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9226.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9227.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9228.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9229.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9230.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9231.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9232.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9233.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9234.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9235.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9236.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9237.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9238.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9239.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9240.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9241.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9242.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9243.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9244.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9245.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9246.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9247.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9248.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9249.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9250.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9251.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9252.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9253.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9254.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9255.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9256.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9257.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9258.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9259.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9260.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9261.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9262.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9263.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9264.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9265.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9266.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9267.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9268.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9269.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9270.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9271.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9272.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9273.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9274.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9275.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9276.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9277.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9278.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9279.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9280.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9281.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9282.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9283.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9284.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9285.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9286.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9287.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9288.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9289.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9290.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9291.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9292.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9293.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9294.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9295.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9296.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9297.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9298.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9299.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9300.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9301.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9302.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9303.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9304.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9305.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9306.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9307.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9308.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9309.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9310.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9311.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9312.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9313.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9314.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9315.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9316.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9317.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9318.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9319.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9320.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9321.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9322.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9323.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9324.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9325.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9326.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9327.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9328.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9329.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9330.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9331.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9332.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9333.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9334.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9335.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9336.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9337.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9338.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9339.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9340.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9341.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9342.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9343.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9344.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9345.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9346.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9347.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9348.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9349.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9350.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9351.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9352.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9353.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9354.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9355.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9356.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9357.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9358.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9359.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9360.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9361.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9362.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9363.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9364.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9365.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9366.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9367.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9368.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9369.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9370.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9371.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9372.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9373.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9374.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9375.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9376.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9377.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9378.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9379.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9380.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9381.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9382.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9383.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9384.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9385.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9386.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9387.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9388.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9389.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9390.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9391.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9392.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9393.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9394.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9395.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9396.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9397.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9398.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9399.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9400.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9401.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9402.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9403.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9404.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9405.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9406.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9407.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9408.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9409.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9410.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9411.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9412.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9413.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9414.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9415.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9416.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9417.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9418.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9419.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9420.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9421.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9422.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9423.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9424.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9425.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9426.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9427.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9428.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9429.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9430.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9431.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9432.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9433.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9434.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9435.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9436.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9437.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9438.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9439.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9440.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9441.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9442.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9443.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9444.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9445.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9446.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9447.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9448.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9449.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9450.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9451.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9452.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9453.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9454.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9455.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9456.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9457.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9458.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9459.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9460.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9461.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9462.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9463.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9464.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9465.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9466.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9467.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9468.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9469.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9470.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9471.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9472.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9473.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9474.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9475.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9476.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9477.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9478.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9479.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9480.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9481.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9482.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9483.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9484.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9485.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9486.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9487.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9488.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9489.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9490.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9491.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9492.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9493.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9494.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9495.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9496.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9497.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9498.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9499.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9500.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9501.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9502.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9503.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9504.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9505.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9506.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9507.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9508.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9509.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9510.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9511.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9512.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9513.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9514.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9515.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9516.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9517.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9518.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9519.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9520.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9521.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9522.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9523.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9524.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9525.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9526.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9527.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9528.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9529.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9530.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9531.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9532.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9533.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9534.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9535.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9536.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9537.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9538.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9539.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9540.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9541.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9542.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9543.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9544.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9545.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9546.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9547.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9548.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9549.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9550.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9551.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9552.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9553.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9554.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9555.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9556.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9557.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9558.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9559.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9560.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9561.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9562.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9563.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9564.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9565.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9566.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9567.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9568.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9569.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9570.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9571.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9572.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9573.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9574.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9575.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9576.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9577.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9578.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9579.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9580.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9581.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9582.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9583.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9584.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9585.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9586.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9587.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9588.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9589.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9590.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9591.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9592.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9593.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9594.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9595.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9596.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9597.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9598.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9599.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9600.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9601.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9602.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9603.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9604.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9605.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9606.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9607.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9608.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9609.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9610.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9611.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9612.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9613.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9614.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9615.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9616.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9617.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9618.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9619.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9620.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9621.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9622.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9623.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9624.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9625.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9626.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9627.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9628.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9629.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9630.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9631.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9632.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9633.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9634.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9635.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9636.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9637.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9638.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9639.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9640.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9641.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9642.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9643.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9644.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9645.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9646.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9647.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9648.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9649.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9650.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9651.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9652.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9653.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9654.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9655.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9656.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9657.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9658.0, copy_X=True, fit_intercept=True, max_iter=None,  
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9659.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9660.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9661.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9662.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9663.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9664.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9665.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9666.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9667.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9668.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9669.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9670.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9671.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9672.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9673.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9674.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9675.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9676.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9677.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9678.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9679.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9680.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9681.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9682.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9683.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9684.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9685.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9686.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9687.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9688.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9689.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9690.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9691.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9692.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9693.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9694.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9695.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9696.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9697.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9698.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9699.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9700.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9701.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9702.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9703.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9704.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9705.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9706.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9707.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9708.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9709.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9710.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9711.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9712.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9713.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9714.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9715.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9716.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9717.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9718.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9719.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9720.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9721.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9722.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9723.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9724.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9725.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9726.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9727.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9728.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9729.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9730.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9731.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9732.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9733.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9734.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9735.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9736.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9737.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9738.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9739.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9740.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9741.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9742.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9743.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9744.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9745.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9746.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9747.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9748.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9749.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9750.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9751.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9752.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9753.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9754.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9755.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9756.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9757.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9758.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9759.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9760.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9761.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9762.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9763.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9764.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9765.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9766.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9767.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9768.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9769.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9770.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9771.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9772.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9773.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9774.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9775.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9776.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9777.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9778.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9779.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9780.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9781.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9782.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9783.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9784.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9785.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9786.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9787.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9788.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9789.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9790.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9791.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9792.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9793.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9794.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9795.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9796.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9797.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9798.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9799.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9800.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9801.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9802.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9803.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9804.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9805.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9806.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9807.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9808.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9809.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9810.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9811.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9812.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9813.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9814.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9815.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9816.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9817.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9818.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9819.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9820.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9821.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9822.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9823.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9824.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9825.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9826.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9827.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9828.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9829.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9830.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9831.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9832.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9833.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9834.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9835.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9836.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9837.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9838.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9839.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9840.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9841.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9842.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9843.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9844.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9845.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9846.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9847.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9848.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9849.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9850.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9851.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9852.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9853.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9854.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9855.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9856.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9857.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9858.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9859.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9860.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9861.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9862.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9863.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9864.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9865.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9866.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9867.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9868.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9869.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9870.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9871.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9872.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9873.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9874.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9875.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9876.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9877.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9878.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9879.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9880.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9881.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9882.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9883.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9884.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9885.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9886.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9887.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9888.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9889.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9890.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9891.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9892.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9893.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9894.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9895.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9896.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9897.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9898.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9899.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9900.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9901.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9902.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9903.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9904.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9905.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9906.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9907.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9908.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9909.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9910.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9911.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9912.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9913.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9914.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9915.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9916.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9917.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9918.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9919.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9920.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9921.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9922.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9923.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9924.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9925.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9926.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9927.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9928.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9929.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9930.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9931.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9932.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9933.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9934.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9935.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9936.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9937.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9938.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9939.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9940.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9941.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9942.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9943.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9944.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9945.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9946.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9947.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9948.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9949.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9950.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9951.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9952.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9953.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9954.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9955.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9956.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9957.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9958.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9959.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9960.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9961.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9962.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9963.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9964.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9965.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9966.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9967.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9968.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9969.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9970.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9971.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9972.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9973.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9974.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9975.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9976.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9977.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9978.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9979.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9980.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9981.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9982.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9983.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```



Out[130]:

```
Ridge(alpha=9984.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9985.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9986.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9987.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9988.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9989.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9990.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9991.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9992.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9993.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9994.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9995.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9996.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9997.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9998.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=9999.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
Ridge(alpha=10000.0, copy_X=True, fit_intercept=True, max_iter=None,
      normalize=False, random_state=None, solver='auto', tol=0.001)
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af4ea358>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af4ea7f0>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af4eab70>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af4eae10>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af4eafd0>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af500588>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af500898>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af500a20>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af500ef0>]
```

Out[130]:

```
[<matplotlib.lines.Line2D at 0x280af50b2b0>]
```

Out[130]:

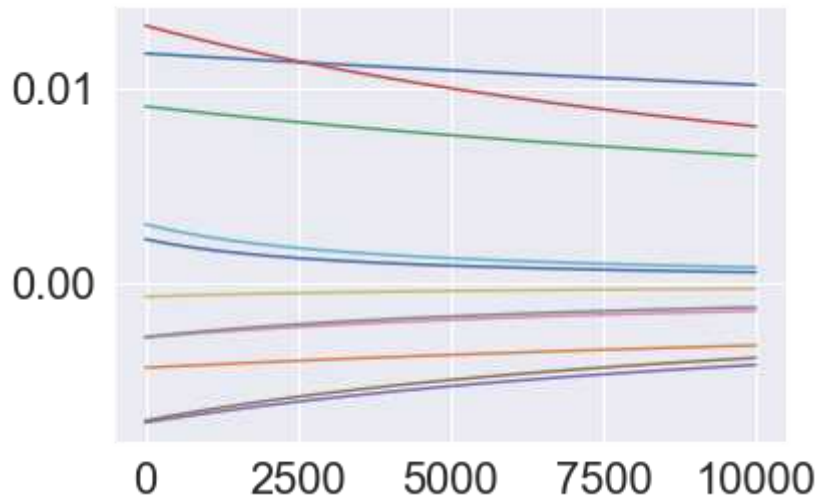
```
[<matplotlib.lines.Line2D at 0x280af285cf8>]
```

```

-----
-
IndexError                                Traceback (most recent call last)
<ipython-input-130-2383d00099b2> in <module>
    16
    17 for i in range(0,13):
--> 18     plt.plot(x_range, coeff[:,i], label = 'feature {:d}'.format(i)
    )
    19
    20 plt.axhline(y=0, xmin=0.001, xmax=9999, linewidth=1, c='gray')

```

**IndexError:** index 11 is out of bounds for axis 1 with size 11



In [ ]:

```

from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()

```

## Polynomial Regression

In [131]:

```
from sklearn.preprocessing import PolynomialFeatures
kfold = KFold(n_splits=5, random_state=0)
train_s_list = []
test_s_list = []
for n in range(1,5):
    poly = PolynomialFeatures(n)
    X_train_poly = poly.fit_transform(X_train)
    X_test_poly = poly.transform(X_test)
    train_s_list.append(cross_val_score(lreg, X_train_poly, y_train, cv=kfold).mean())
    lreg.fit(X_train_poly, y_train)
    test_s_list.append(lreg.score(X_test_poly, y_test))
```

Out[131]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[131]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[131]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

Out[131]:

LinearRegression(copy\_X=True, fit\_intercept=True, n\_jobs=None, normalize=False)

In [132]:

```
print(train_s_list)
print(test_s_list)
```

```
[0.7286734987435153, 0.7764917878144375, 0.8291090865830991, 0.23049518660
523938]
[0.7321785441503317, 0.7793929613394868, 0.8393078930446338, 0.77133343026
37073]
```

The best scores are rendered by polynomials of degree 2.

In [133]:

```
print("Train", train_s_list[1])
print("Test", test_s_list[1])
print("Best Parameters n=", 2)
```

```
Train 0.7764917878144375
Test 0.7793929613394868
Best Parameters n= 2
```

Adding the scores to the model results

In [134]:

```
post_pca.loc[len(post_pca)]=[5, 'Polynomial Regression',2,train_s_list[1],test_s_list[1]]
```

In [135]:

```
post_pca
```

Out[135]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393

In [136]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[136]:

<matplotlib.collections.PathCollection at 0x280af4372e8>

Out[136]:

<matplotlib.collections.PathCollection at 0x280af437550>

Out[136]:

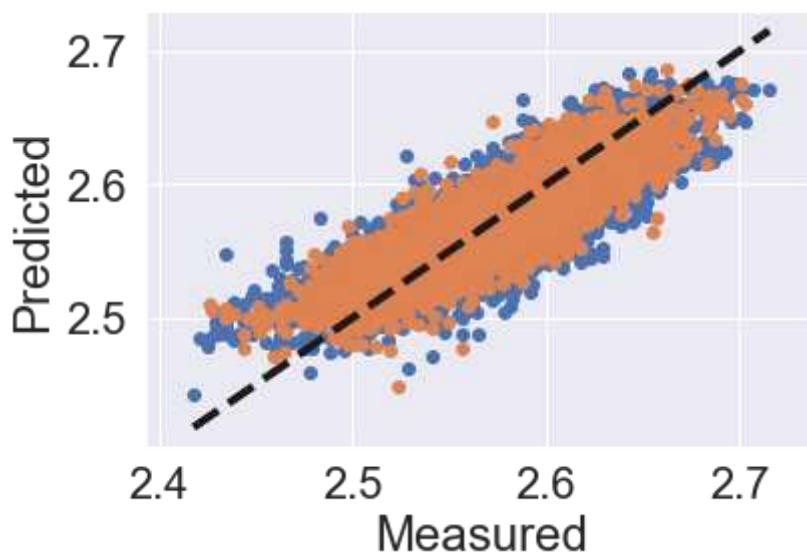
[<matplotlib.lines.Line2D at 0x280af437588>]

Out[136]:

Text(0.5, 0, 'Measured')

Out[136]:

Text(0, 0.5, 'Predicted')



## Linear SVR Model

In [137]:

```

from sklearn.svm import LinearSVR
from sklearn.model_selection import GridSearchCV
from sklearn.model_selection import KFold
kfold = KFold(n_splits=5, random_state=0)

param_grid = {'C': [0.001, 0.01, 0.1, 1, 0.5, 10, 100], 'max_iter':[50000]}
grid_search = GridSearchCV(LinearSVR(), param_grid, cv=kfold, return_train_score=True)

grid_search.fit(X_train, y_train)

test=grid_search.score(X_test, y_test)

```

Out[137]:

```

GridSearchCV(cv=KFold(n_splits=5, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=LinearSVR(C=1.0, dual=True, epsilon=0.0,
                                fit_intercept=True, intercept_scaling=1.
0,
                                loss='epsilon_insensitive', max_iter=100
0,
                                random_state=None, tol=0.0001, verbose=
0),
             iid='warn', n_jobs=None,
             param_grid={'C': [0.001, 0.01, 0.1, 1, 0.5, 10, 100],
                         'max_iter': [50000]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [138]:

```

print("Train set score with best parameters: {:.5f}".format(grid_search.best_score_))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:", grid_search.best_params_)

```

```

Train set score with best parameters: 0.72659
Test set score with best parameters: 0.72962
best parameters are: {'C': 0.1, 'max_iter': 50000}

```

In [139]:

```

post_pca.loc[len(post_pca)]=[6, 'Linear SVR Model', grid_search.best_params_, grid_search.
best_score_, test]

```

In [140]:

post\_pca

Out[140]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393
5	6	Linear SVR Model	{'C': 0.1, 'max_iter': 50000}	0.726592	0.729620

## SVR with Kernel Trick

In [142]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=3, random_state=0)
param_grid = {'C': [0.001, 0.01, 0.1, 1, 250, 10, 100], 'max_iter':[60000]}
grid_search = GridSearchCV(SVR(kernel='linear'), param_grid, cv=kfold, return_train_score=True)

grid_search.fit(X_train, y_train)

test=cross_val_score(grid_search,X_test, y_test,scoring='r2',cv=kfold).mean()
train=grid_search.score(X_train, y_train)

```

Out[142]:

```

GridSearchCV(cv=KFold(n_splits=3, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=SVR(C=1.0, cache_size=200, coef0=0.0, degree=3,
                           epsilon=0.1, gamma='auto_deprecated',
                           kernel='linear', max_iter=-1, shrinking=True,
                           tol=0.001, verbose=False),
             iid='warn', n_jobs=None,
             param_grid={'C': [0.001, 0.01, 0.1, 1, 250, 10, 100],
                          'max_iter': [60000]},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [143]:

```

print("Train set score with best parameters: {:.5f}".format(grid_search.best_score_))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

```

Train set score with best parameters: 0.41438
Test set score with best parameters: 0.36701
best parameters are: {'C': 0.001, 'max_iter': 60000}

```



In [144]:

```
post_pca.loc[len(post_pca)]=[7, 'SVR- Kernel (Linear)',grid_search.best_params_,grid_search.best_score_,test]
```

In [145]:

```
post_pca
```

Out[145]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393
5	6	Linear SVR Model	{'C': 0.1, 'max_iter': 50000}	0.726592	0.729620
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.414380	0.367014

In [146]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[146]:

<matplotlib.collections.PathCollection at 0x280b28f1b38>

Out[146]:

<matplotlib.collections.PathCollection at 0x280b28f1b00>

Out[146]:

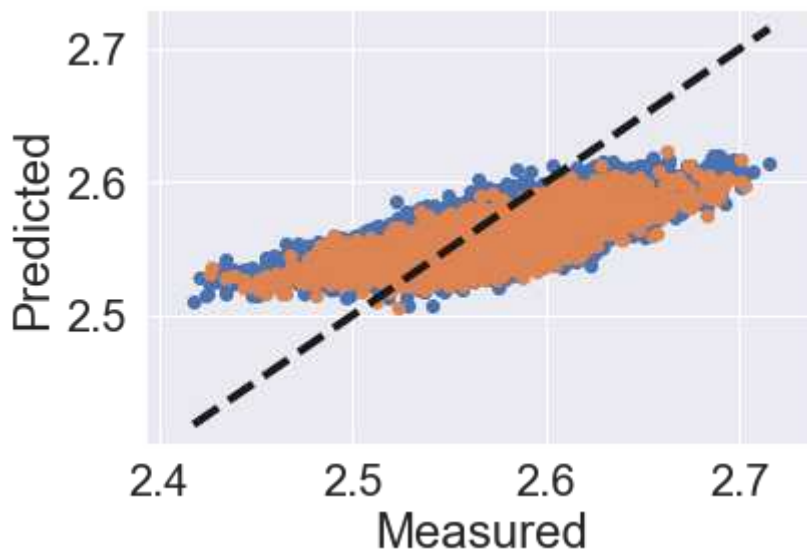
[<matplotlib.lines.Line2D at 0x280af4b0240>]

Out[146]:

Text(0.5, 0, 'Measured')

Out[146]:

Text(0, 0.5, 'Predicted')



## SVR - Polynomial Kernel Trick

In [147]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=10, random_state=0)
param_grid = {'C': [0.01, 10, 0.1, 1, 250, 100], 'degree': [1, 2, 3, 4]}
grid_search = GridSearchCV(SVR(kernel='poly'), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test);

```

In [148]:

```

print("Train set score with best parameters: {:.5f}".format(train))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

Train set score with best parameters: 0.42038  
 Test set score with best parameters: 0.43146  
 best parameters are: {'C': 10, 'degree': 1}

In [149]:

```

post_pca.loc[len(post_pca)]=[8,'Linear SVR- Polynomial Kernel',grid_search.best_params_,train,test]

```

In [150]:

post\_pca

Out[150]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393
5	6	Linear SVR Model	{'C': 0.1, 'max_iter': 50000}	0.726592	0.729620
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.414380	0.367014
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.420382	0.431459

## SVR RBF Kernel

In [151]:

```

from sklearn.svm import SVR
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=5, random_state=0)
param_grid = {'C': [0.001, 0.01, 0.1, 1, 10, 100, 250, 500], 'gamma': [0.001, 0.01, 0.1, 1, 10, 100, 250, 500]}
grid_search = GridSearchCV(SVR(kernel='rbf'), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test);

```

In [152]:

```

print("Train set score with best parameters: {:.5f}".format(train))
print("Test set score with best parameters: {:.5f}".format(test))
print("best parameters are:",grid_search.best_params_)

```

Train set score with best parameters: 0.42319  
 Test set score with best parameters: 0.43331  
 best parameters are: {'C': 0.1, 'gamma': 0.01}

In [153]:

```
post_pca.loc[len(post_pca)]=[9, 'SVR- RBF Kernel',grid_search.best_params_,train,test]
```

In [154]:

```
post_pca
```

Out[154]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393
5	6	Linear SVR Model	{'C': 0.1, 'max_iter': 50000}	0.726592	0.729620
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.414380	0.367014
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.420382	0.431459
8	9	SVR- RBF Kernel	{'C': 0.1, 'gamma': 0.01}	0.423187	0.433314

In [155]:

```
from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=kfold)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=kfold)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()
```

Out[155]:

<matplotlib.collections.PathCollection at 0x280b29732b0>

Out[155]:

<matplotlib.collections.PathCollection at 0x280b29735f8>

Out[155]:

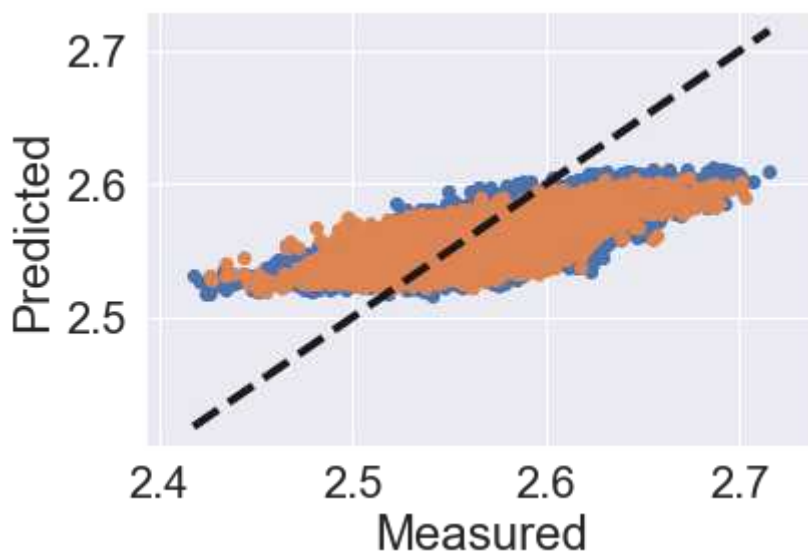
[<matplotlib.lines.Line2D at 0x280b2973b00>]

Out[155]:

Text(0.5, 0, 'Measured')

Out[155]:

Text(0, 0.5, 'Predicted')



## SGD Regressor

In [156]:

```

from sklearn.linear_model import SGDRegressor
from sklearn.model_selection import GridSearchCV
kfold = KFold(n_splits=10, random_state=0)
param_grid = {'alpha': [0.01, 10, 0.1, 1, 250, 100, 500], 'penalty': ['l1', 'l2']}
grid_search = GridSearchCV(SGDRegressor(), param_grid, cv=kfold, return_train_score=True);

grid_search.fit(X_train, y_train)

train=cross_val_score(grid_search,X_train, y_train,scoring='r2',cv=kfold).mean();
test=grid_search.score(X_test, y_test)

```

Out[156]:

```

GridSearchCV(cv=KFold(n_splits=10, random_state=0, shuffle=False),
             error_score='raise-deprecating',
             estimator=SGDRegressor(alpha=0.0001, average=False,
                                     early_stopping=False, epsilon=0.1,
                                     eta0=0.01, fit_intercept=True,
                                     l1_ratio=0.15, learning_rate='invscali
ng',
                                     loss='squared_loss', max_iter=1000,
                                     n_iter_no_change=5, penalty='l2',
                                     power_t=0.25, random_state=None,
                                     shuffle=True, tol=0.001,
                                     validation_fraction=0.1, verbose=0,
                                     warm_start=False),
             iid='warn', n_jobs=None,
             param_grid={'alpha': [0.01, 10, 0.1, 1, 250, 100, 500],
                         'penalty': ['l1', 'l2']},
             pre_dispatch='2*n_jobs', refit=True, return_train_score=True,
             scoring=None, verbose=0)

```

In [157]:

```

print(test)
print(train)
print(grid_search.best_params_)

```

```

0.7315193604029568
0.7276630008010329
{'alpha': 0.01, 'penalty': 'l2'}

```

In [158]:

```

from sklearn.model_selection import cross_val_predict
fig,ax = plt.subplots()
predicted = cross_val_predict(grid_search,X_train,y_train, cv=5)
ax.scatter(y_train, predicted)
predicted = cross_val_predict(grid_search,X_test,y_test, cv=5)
ax.scatter(y_test, predicted)
ax.plot([y.min(), y.max()], [y.min(), y.max()], 'k--', lw=4)
ax.set_xlabel('Measured')
ax.set_ylabel('Predicted')
fig.show()

```

Out[158]:

<matplotlib.collections.PathCollection at 0x280b29b0630>

Out[158]:

<matplotlib.collections.PathCollection at 0x280b29b0b70>

Out[158]:

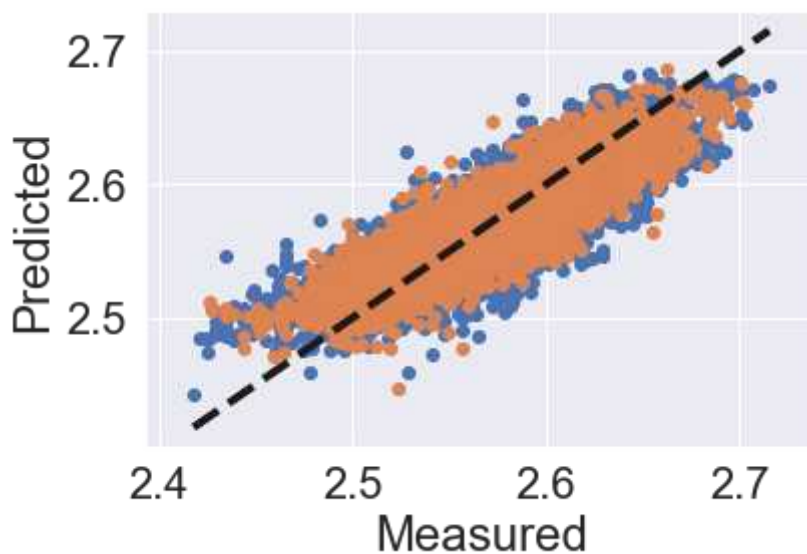
[<matplotlib.lines.Line2D at 0x280af4cb8d0>]

Out[158]:

Text(0.5, 0, 'Measured')

Out[158]:

Text(0, 0.5, 'Predicted')



In [159]:

```

post_pca.loc[len(post_pca)]=[10, 'SGD Regressor', grid_search.best_params_, train, test]

```

In [160]:

post\_pca

Out[160]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728759	0.732179
1	2	Lasso Regression	{'alpha': 0.0001}	0.728643	0.732062
2	3	KNN Regression	{'n_neighbors': 9}	0.815595	0.830391
3	4	Ridge Regression	{'alpha': 10}	0.728760	0.732180
4	5	Polynomial Regression	2	0.776492	0.779393
5	6	Linear SVR Model	{'C': 0.1, 'max_iter': 50000}	0.726592	0.729620
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.414380	0.367014
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.420382	0.431459
8	9	SVR- RBF Kernel	{'C': 0.1, 'gamma': 0.01}	0.423187	0.433314
9	10	SGD Regressor	{'alpha': 0.01, 'penalty': 'l2'}	0.727663	0.731519

In [161]:

pre\_pca

Out[161]:

	S.No	Model_Name	Parameters	Train_Score	Test_Score
0	1	Linear Regression	none	0.728998	0.731702
1	2	Lasso Regression	{'alpha': 0.0001}	0.728840	0.731667
2	3	KNN Regression	{'n_neighbors': 9}	0.814666	0.828334
3	4	Ridge Regression	{'alpha': 10}	0.729001	0.731712
4	5	Polynomial Regression	2	0.778567	0.779419
5	6	Linear SVR Model	{'C': 1, 'max_iter': 50000}	0.726671	0.729291
6	7	SVR- Kernel (Linear)	{'C': 0.001, 'max_iter': 60000}	0.413400	0.367759
7	8	Linear SVR- Polynomial Kernel	{'C': 10, 'degree': 1}	0.419795	0.431358
8	9	SVR- RBF Kernel	{'C': 0.1, 'gamma': 0.01}	0.422351	0.433114
9	10	SGD Regressor	{'alpha': 0.01, 'penalty': 'l2'}	0.727769	0.730297



## Does PCA help in getting better results?

**1.The train and test scores of KNN regression before PCA was 0.81 and 0.82 and the train and test scores of KNN regression after PCA was 0.81 and 0.83. So clearly, KNN regression with k value of 9 is the best model before PCA and after PCA.**

**2.As we can see from the scores above,there is not a significant difference in regression before PCA and after PCA.**

**3.There seems to be a marginal improvement in some models after PCA but there also seems to be a decrease in performance of some models post PCA. So we cannot conclusively say tha PCA helps in getting better results.**

## TASK 5 : Creating deep-learning models.

In [162]:

```
X_train.shape
```

Out[162]:

```
(14901, 11)
```

In [170]:

```
#X = X.drop("sqft_basement", axis = 1)
#X = X.drop("sqft_above", axis = 1)
X = X.drop("long", axis = 1)
#X = X.drop("view", axis = 1)
X = X.drop("waterfront", axis = 1)
#X = X.drop("sqft_lot15", axis = 1)
```

In [171]:

```
X_train.shape
```

Out[171]:

```
(14901, 13)
```

In [172]:

```
from sklearn.model_selection import train_test_split
#step 1: split dataset
X_train, X_test, y_train, y_test = train_test_split(X, y, random_state = 0)
```

In [173]:

```
X_train.shape
```

Out[173]:

```
(14901, 11)
```

In [442]:

```
import tensorflow as tf
from tensorflow import keras
from tensorflow.keras import Sequential
from tensorflow.keras.layers import Dense
```

In [443]:

```
%matplotlib inline
import numpy as np
from tensorflow.keras.models import Sequential
from tensorflow.keras.layers import Dense, Activation
from keras.optimizers import SGD
from keras.utils import np_utils

np.random.seed(0) # for reproducibility
```

## 1. Perceptron

In [444]:

```
#step 1: build model
model1 = Sequential()
#input layer
model1.add(Dense(20, input_dim = 9, activation = 'relu'))
#hidden layers
#output layer
model1.add(Dense(1))

#step 2: make computational graph - compile
model1.compile(loss= 'mean_squared_error' , optimizer = 'adam', metrics = ['mean_squared_error'] )

#step 3: train the model - fit
model1.fit(X_train, y_train, epochs = 150, batch_size = 300);
```

```
Epoch 1/150
14901/14901 [=====] - 0s 11us/sample - loss: 4339
31.3305 - mean_squared_error: 433931.2500
Epoch 2/150
14901/14901 [=====] - 0s 3us/sample - loss: 1010
7.0609 - mean_squared_error: 10107.0605
Epoch 3/150
14901/14901 [=====] - 0s 3us/sample - loss: 3420.
1081 - mean_squared_error: 3420.1089
Epoch 4/150
14901/14901 [=====] - 0s 4us/sample - loss: 1374.
0249 - mean_squared_error: 1374.0251
Epoch 5/150
14901/14901 [=====] - 0s 3us/sample - loss: 542.1
983 - mean_squared_error: 542.1983
Epoch 6/150
14901/14901 [=====] - 0s 3us/sample - loss: 205.5
249 - mean_squared_error: 205.5249
Epoch 7/150
14901/14901 [=====] - 0s 3us/sample - loss: 152.3
217 - mean_squared_error: 152.3217
Epoch 8/150
14901/14901 [=====] - 0s 4us/sample - loss: 124.8
440 - mean_squared_error: 124.8440
Epoch 9/150
14901/14901 [=====] - 0s 3us/sample - loss: 115.0
591 - mean_squared_error: 115.0591
Epoch 10/150
14901/14901 [=====] - 0s 3us/sample - loss: 111.3
850 - mean_squared_error: 111.3850
Epoch 11/150
14901/14901 [=====] - 0s 3us/sample - loss: 104.0
398 - mean_squared_error: 104.0398
Epoch 12/150
14901/14901 [=====] - 0s 4us/sample - loss: 101.1
192 - mean_squared_error: 101.1192
Epoch 13/150
14901/14901 [=====] - 0s 3us/sample - loss: 95.05
69 - mean_squared_error: 95.0570
Epoch 14/150
14901/14901 [=====] - 0s 3us/sample - loss: 90.49
28 - mean_squared_error: 90.4928
Epoch 15/150
14901/14901 [=====] - 0s 3us/sample - loss: 86.18
06 - mean_squared_error: 86.1806
Epoch 16/150
14901/14901 [=====] - 0s 4us/sample - loss: 84.13
34 - mean_squared_error: 84.1334
Epoch 17/150
14901/14901 [=====] - 0s 3us/sample - loss: 80.06
76 - mean_squared_error: 80.0676
Epoch 18/150
14901/14901 [=====] - 0s 3us/sample - loss: 75.33
19 - mean_squared_error: 75.3319
Epoch 19/150
14901/14901 [=====] - 0s 3us/sample - loss: 72.05
94 - mean_squared_error: 72.0594
Epoch 20/150
14901/14901 [=====] - 0s 3us/sample - loss: 68.56
80 - mean_squared_error: 68.5680
Epoch 21/150
```

```
14901/14901 [=====] - 0s 4us/sample - loss: 65.23
48 - mean_squared_error: 65.2348
Epoch 22/150
14901/14901 [=====] - 0s 3us/sample - loss: 62.34
82 - mean_squared_error: 62.3482
Epoch 23/150
14901/14901 [=====] - 0s 3us/sample - loss: 58.91
78 - mean_squared_error: 58.9178
Epoch 24/150
14901/14901 [=====] - 0s 3us/sample - loss: 55.74
86 - mean_squared_error: 55.7486
Epoch 25/150
14901/14901 [=====] - 0s 3us/sample - loss: 53.27
93 - mean_squared_error: 53.2793
Epoch 26/150
14901/14901 [=====] - 0s 3us/sample - loss: 50.90
14 - mean_squared_error: 50.9014
Epoch 27/150
14901/14901 [=====] - 0s 4us/sample - loss: 48.62
52 - mean_squared_error: 48.6252
Epoch 28/150
14901/14901 [=====] - 0s 3us/sample - loss: 45.80
49 - mean_squared_error: 45.8050
Epoch 29/150
14901/14901 [=====] - 0s 3us/sample - loss: 43.61
24 - mean_squared_error: 43.6124
Epoch 30/150
14901/14901 [=====] - 0s 3us/sample - loss: 41.39
67 - mean_squared_error: 41.3967
Epoch 31/150
14901/14901 [=====] - 0s 4us/sample - loss: 39.09
30 - mean_squared_error: 39.0930
Epoch 32/150
14901/14901 [=====] - 0s 3us/sample - loss: 37.29
01 - mean_squared_error: 37.2901
Epoch 33/150
14901/14901 [=====] - 0s 3us/sample - loss: 35.42
95 - mean_squared_error: 35.4295
Epoch 34/150
14901/14901 [=====] - 0s 3us/sample - loss: 33.21
34 - mean_squared_error: 33.2134
Epoch 35/150
14901/14901 [=====] - 0s 4us/sample - loss: 31.73
77 - mean_squared_error: 31.7377
Epoch 36/150
14901/14901 [=====] - 0s 3us/sample - loss: 29.90
73 - mean_squared_error: 29.9073
Epoch 37/150
14901/14901 [=====] - 0s 3us/sample - loss: 28.33
93 - mean_squared_error: 28.3393
Epoch 38/150
14901/14901 [=====] - 0s 3us/sample - loss: 27.07
01 - mean_squared_error: 27.0701
Epoch 39/150
14901/14901 [=====] - 0s 3us/sample - loss: 25.57
44 - mean_squared_error: 25.5744
Epoch 40/150
14901/14901 [=====] - 0s 4us/sample - loss: 24.39
04 - mean_squared_error: 24.3904
Epoch 41/150
14901/14901 [=====] - 0s 3us/sample - loss: 23.07
```

```
83 - mean_squared_error: 23.0783
Epoch 42/150
14901/14901 [=====] - 0s 3us/sample - loss: 21.98
47 - mean_squared_error: 21.9847
Epoch 43/150
14901/14901 [=====] - 0s 3us/sample - loss: 20.78
60 - mean_squared_error: 20.7860
Epoch 44/150
14901/14901 [=====] - 0s 4us/sample - loss: 19.81
75 - mean_squared_error: 19.8175
Epoch 45/150
14901/14901 [=====] - 0s 3us/sample - loss: 18.62
15 - mean_squared_error: 18.6215
Epoch 46/150
14901/14901 [=====] - 0s 3us/sample - loss: 17.66
34 - mean_squared_error: 17.6634
Epoch 47/150
14901/14901 [=====] - 0s 3us/sample - loss: 16.70
66 - mean_squared_error: 16.7066
Epoch 48/150
14901/14901 [=====] - 0s 3us/sample - loss: 16.09
16 - mean_squared_error: 16.0916
Epoch 49/150
14901/14901 [=====] - 0s 3us/sample - loss: 15.04
15 - mean_squared_error: 15.0415
Epoch 50/150
14901/14901 [=====] - 0s 4us/sample - loss: 14.26
68 - mean_squared_error: 14.2668
Epoch 51/150
14901/14901 [=====] - 0s 3us/sample - loss: 13.58
78 - mean_squared_error: 13.5878
Epoch 52/150
14901/14901 [=====] - 0s 3us/sample - loss: 12.83
83 - mean_squared_error: 12.8383
Epoch 53/150
14901/14901 [=====] - 0s 3us/sample - loss: 12.18
93 - mean_squared_error: 12.1893
Epoch 54/150
14901/14901 [=====] - 0s 3us/sample - loss: 11.57
05 - mean_squared_error: 11.5705
Epoch 55/150
14901/14901 [=====] - 0s 3us/sample - loss: 10.97
57 - mean_squared_error: 10.9757
Epoch 56/150
14901/14901 [=====] - 0s 3us/sample - loss: 10.32
17 - mean_squared_error: 10.3217
Epoch 57/150
14901/14901 [=====] - 0s 4us/sample - loss: 9.917
1 - mean_squared_error: 9.9171
Epoch 58/150
14901/14901 [=====] - 0s 3us/sample - loss: 9.413
3 - mean_squared_error: 9.4133
Epoch 59/150
14901/14901 [=====] - 0s 3us/sample - loss: 8.807
5 - mean_squared_error: 8.8075
Epoch 60/150
14901/14901 [=====] - 0s 3us/sample - loss: 8.301
1 - mean_squared_error: 8.3011
Epoch 61/150
14901/14901 [=====] - 0s 4us/sample - loss: 7.975
8 - mean_squared_error: 7.9758
```

```
Epoch 62/150
14901/14901 [=====] - 0s 3us/sample - loss: 7.504
4 - mean_squared_error: 7.5044
Epoch 63/150
14901/14901 [=====] - 0s 3us/sample - loss: 6.999
9 - mean_squared_error: 6.9999
Epoch 64/150
14901/14901 [=====] - 0s 3us/sample - loss: 6.648
3 - mean_squared_error: 6.6483
Epoch 65/150
14901/14901 [=====] - 0s 3us/sample - loss: 6.258
3 - mean_squared_error: 6.2583
Epoch 66/150
14901/14901 [=====] - 0s 4us/sample - loss: 6.035
2 - mean_squared_error: 6.0352
Epoch 67/150
14901/14901 [=====] - 0s 3us/sample - loss: 5.589
3 - mean_squared_error: 5.5893
Epoch 68/150
14901/14901 [=====] - 0s 4us/sample - loss: 5.257
0 - mean_squared_error: 5.2570
Epoch 69/150
14901/14901 [=====] - 0s 4us/sample - loss: 4.960
0 - mean_squared_error: 4.9600
Epoch 70/150
14901/14901 [=====] - 0s 3us/sample - loss: 4.677
6 - mean_squared_error: 4.6776
Epoch 71/150
14901/14901 [=====] - 0s 5us/sample - loss: 4.441
2 - mean_squared_error: 4.4412
Epoch 72/150
14901/14901 [=====] - 0s 4us/sample - loss: 4.138
3 - mean_squared_error: 4.1383
Epoch 73/150
14901/14901 [=====] - 0s 4us/sample - loss: 3.903
7 - mean_squared_error: 3.9037
Epoch 74/150
14901/14901 [=====] - 0s 4us/sample - loss: 3.830
8 - mean_squared_error: 3.8308
Epoch 75/150
14901/14901 [=====] - 0s 4us/sample - loss: 3.439
6 - mean_squared_error: 3.4396
Epoch 76/150
14901/14901 [=====] - 0s 4us/sample - loss: 3.248
6 - mean_squared_error: 3.2486
Epoch 77/150
14901/14901 [=====] - 0s 5us/sample - loss: 3.030
7 - mean_squared_error: 3.0307
Epoch 78/150
14901/14901 [=====] - 0s 4us/sample - loss: 2.889
6 - mean_squared_error: 2.8896
Epoch 79/150
14901/14901 [=====] - 0s 4us/sample - loss: 2.726
4 - mean_squared_error: 2.7264
Epoch 80/150
14901/14901 [=====] - 0s 4us/sample - loss: 2.617
5 - mean_squared_error: 2.6175
Epoch 81/150
14901/14901 [=====] - 0s 4us/sample - loss: 2.420
2 - mean_squared_error: 2.4202
Epoch 82/150
```

```
14901/14901 [=====] - 0s 3us/sample - loss: 2.284
0 - mean_squared_error: 2.2840
Epoch 83/150
14901/14901 [=====] - 0s 3us/sample - loss: 2.123
0 - mean_squared_error: 2.1230
Epoch 84/150
14901/14901 [=====] - 0s 3us/sample - loss: 1.980
6 - mean_squared_error: 1.9806
Epoch 85/150
14901/14901 [=====] - 0s 3us/sample - loss: 1.914
4 - mean_squared_error: 1.9144
Epoch 86/150
14901/14901 [=====] - 0s 3us/sample - loss: 1.770
5 - mean_squared_error: 1.7705
Epoch 87/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.673
2 - mean_squared_error: 1.6732
Epoch 88/150
14901/14901 [=====] - 0s 5us/sample - loss: 1.558
7 - mean_squared_error: 1.5587
Epoch 89/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.501
9 - mean_squared_error: 1.5019
Epoch 90/150
14901/14901 [=====] - 0s 5us/sample - loss: 1.445
9 - mean_squared_error: 1.4459
Epoch 91/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.387
3 - mean_squared_error: 1.3873
Epoch 92/150
14901/14901 [=====] - 0s 5us/sample - loss: 1.262
9 - mean_squared_error: 1.2629
Epoch 93/150
14901/14901 [=====] - 0s 5us/sample - loss: 1.210
7 - mean_squared_error: 1.2107
Epoch 94/150
14901/14901 [=====] - 0s 6us/sample - loss: 1.153
8 - mean_squared_error: 1.1538
Epoch 95/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.071
9 - mean_squared_error: 1.0719
Epoch 96/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.108
1 - mean_squared_error: 1.1081
Epoch 97/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.056
1 - mean_squared_error: 1.0561
Epoch 98/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.966
3 - mean_squared_error: 0.9663
Epoch 99/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.917
5 - mean_squared_error: 0.9175
Epoch 100/150
14901/14901 [=====] - 0s 5us/sample - loss: 0.887
3 - mean_squared_error: 0.8873
Epoch 101/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.839
9 - mean_squared_error: 0.8399
Epoch 102/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.855
```



```
8 - mean_squared_error: 0.8558
Epoch 103/150
14901/14901 [=====] - 0s 5us/sample - loss: 0.783
2 - mean_squared_error: 0.7832
Epoch 104/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.778
3 - mean_squared_error: 0.7783
Epoch 105/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.749
8 - mean_squared_error: 0.7498
Epoch 106/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.734
0 - mean_squared_error: 0.7340
Epoch 107/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.714
2 - mean_squared_error: 0.7142
Epoch 108/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.696
0 - mean_squared_error: 0.6960
Epoch 109/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.712
2 - mean_squared_error: 0.7122
Epoch 110/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.729
0 - mean_squared_error: 0.7290
Epoch 111/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.691
1 - mean_squared_error: 0.6911
Epoch 112/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.671
2 - mean_squared_error: 0.6712
Epoch 113/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.656
0 - mean_squared_error: 0.6560
Epoch 114/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.643
8 - mean_squared_error: 0.6438
Epoch 115/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.659
7 - mean_squared_error: 0.6597
Epoch 116/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.692
2 - mean_squared_error: 0.6922
Epoch 117/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.622
0 - mean_squared_error: 0.6220
Epoch 118/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.653
2 - mean_squared_error: 0.6532
Epoch 119/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.658
6 - mean_squared_error: 0.6586
Epoch 120/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.586
3 - mean_squared_error: 0.5863
Epoch 121/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.586
9 - mean_squared_error: 0.5869
Epoch 122/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.615
3 - mean_squared_error: 0.6153
```

```
Epoch 123/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.606
5 - mean_squared_error: 0.6065
Epoch 124/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.651
3 - mean_squared_error: 0.6513
Epoch 125/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.651
2 - mean_squared_error: 0.6512
Epoch 126/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.609
5 - mean_squared_error: 0.6095
Epoch 127/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.585
6 - mean_squared_error: 0.5856
Epoch 128/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.632
7 - mean_squared_error: 0.6327
Epoch 129/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.645
1 - mean_squared_error: 0.6451
Epoch 130/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.583
3 - mean_squared_error: 0.5833
Epoch 131/150
14901/14901 [=====] - 0s 5us/sample - loss: 0.578
8 - mean_squared_error: 0.5788
Epoch 132/150
14901/14901 [=====] - 0s 5us/sample - loss: 1.276
2 - mean_squared_error: 1.2762
Epoch 133/150
14901/14901 [=====] - 0s 3us/sample - loss: 1.287
2 - mean_squared_error: 1.2872
Epoch 134/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.260
7 - mean_squared_error: 1.2607
Epoch 135/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.613
9 - mean_squared_error: 0.6139
Epoch 136/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.578
0 - mean_squared_error: 0.5780
Epoch 137/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.535
3 - mean_squared_error: 0.5353
Epoch 138/150
14901/14901 [=====] - 0s 3us/sample - loss: 1.005
6 - mean_squared_error: 1.0056
Epoch 139/150
14901/14901 [=====] - 0s 4us/sample - loss: 16.09
94 - mean_squared_error: 16.0994
Epoch 140/150
14901/14901 [=====] - 0s 4us/sample - loss: 1.354
2 - mean_squared_error: 1.3542
Epoch 141/150
14901/14901 [=====] - 0s 3us/sample - loss: 23.11
58 - mean_squared_error: 23.1158
Epoch 142/150
14901/14901 [=====] - 0s 4us/sample - loss: 455.8
554 - mean_squared_error: 455.8554
Epoch 143/150
```

```
14901/14901 [=====] - 0s 4us/sample - loss: 86.6486 - mean_squared_error: 86.6486
Epoch 144/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.7157 - mean_squared_error: 0.7157
Epoch 145/150
14901/14901 [=====] - ETA: 0s - loss: 0.7653 - mean_squared_error: 0.76 - 0s 4us/sample - loss: 0.7081 - mean_squared_error: 0.7081
Epoch 146/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.7579 - mean_squared_error: 0.7579
Epoch 147/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.5709 - mean_squared_error: 0.5709
Epoch 148/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.5490 - mean_squared_error: 0.5490
Epoch 149/150
14901/14901 [=====] - 0s 3us/sample - loss: 0.5606 - mean_squared_error: 0.5606
Epoch 150/150
14901/14901 [=====] - 0s 4us/sample - loss: 0.5376 - mean_squared_error: 0.5376
```

## Perceptron model evaluation metrics:

In [445]:

```
model1.evaluate(X_train, y_train)
```

```
14901/14901 [=====] - 0s 19us/sample - loss: 0.4998 - mean_squared_error: 0.4998
```

Out[445]:

```
[0.49977873835849423, 0.4997787]
```

In [446]:

```
model1.evaluate(X_test, y_test)
```

```
4967/4967 [=====] - 0s 15us/sample - loss: 0.6969 - mean_squared_error: 0.6969
```

Out[446]:

```
[0.696892629615109, 0.6968927]
```

## R Squared score for perceptron

In [447]:

```
train_pred=model1.predict(X_train)
pred=model1.predict(X_test)
```

In [448]:

```
from sklearn.metrics import r2_score  
  
print("train",r2_score(y_train, train_pred))  
print("test",r2_score(y_test,pred))
```

```
train -349.4395266264734  
test -479.7656152897354
```

In [449]:

```
import tensorflow as tf  
from tensorflow import keras as ker  
from tensorflow.keras import Sequential  
from tensorflow.keras.layers import Dense
```

## 2. Multi layer perceptron

In [450]:

```
#step 1: build model
model1 = Sequential()
#input layer
model1.add(Dense(30, input_dim = 9, activation = 'relu'))
#hidden layers
model1.add(Dense(20, activation = 'relu'))
model1.add(Dense(10, activation = 'relu'))
#output layer
model1.add(Dense(1))

#step 2: make computational graph - compile
model1.compile(loss= 'mean_squared_error' , optimizer = 'adam',metrics = ['mean_squared_error' ] )

#step 3: train the model - fit
model1.fit(X_train, y_train, epochs = 100, batch_size = 250);
```

```
Epoch 1/100
14901/14901 [=====] - 0s 16us/sample - loss: 3843
8.5764 - mean_squared_error: 38438.5820
Epoch 2/100
14901/14901 [=====] - 0s 5us/sample - loss: 153.4
671 - mean_squared_error: 153.4671
Epoch 3/100
14901/14901 [=====] - 0s 6us/sample - loss: 67.92
75 - mean_squared_error: 67.9275
Epoch 4/100
14901/14901 [=====] - 0s 5us/sample - loss: 41.37
37 - mean_squared_error: 41.3737
Epoch 5/100
14901/14901 [=====] - 0s 5us/sample - loss: 22.55
24 - mean_squared_error: 22.5524
Epoch 6/100
14901/14901 [=====] - 0s 6us/sample - loss: 12.58
42 - mean_squared_error: 12.5842
Epoch 7/100
14901/14901 [=====] - 0s 5us/sample - loss: 6.814
9 - mean_squared_error: 6.8149
Epoch 8/100
14901/14901 [=====] - 0s 5us/sample - loss: 4.223
3 - mean_squared_error: 4.2233
Epoch 9/100
14901/14901 [=====] - 0s 6us/sample - loss: 3.187
2 - mean_squared_error: 3.1872
Epoch 10/100
14901/14901 [=====] - 0s 5us/sample - loss: 2.017
5 - mean_squared_error: 2.0175
Epoch 11/100
14901/14901 [=====] - 0s 5us/sample - loss: 1.697
8 - mean_squared_error: 1.6978
Epoch 12/100
14901/14901 [=====] - 0s 6us/sample - loss: 1.020
3 - mean_squared_error: 1.0203
Epoch 13/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.803
5 - mean_squared_error: 0.8035
Epoch 14/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.624
7 - mean_squared_error: 0.6247
Epoch 15/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.493
5 - mean_squared_error: 0.4935
Epoch 16/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.458
8 - mean_squared_error: 0.4588
Epoch 17/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.363
2 - mean_squared_error: 0.3632
Epoch 18/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.332
3 - mean_squared_error: 0.3323
Epoch 19/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.306
3 - mean_squared_error: 0.3063
Epoch 20/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.275
7 - mean_squared_error: 0.2757
Epoch 21/100
```

```
14901/14901 [=====] - 0s 5us/sample - loss: 0.258
2 - mean_squared_error: 0.2582
Epoch 22/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.245
1 - mean_squared_error: 0.2451
Epoch 23/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.228
4 - mean_squared_error: 0.2284
Epoch 24/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.215
7 - mean_squared_error: 0.2157
Epoch 25/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.212
2 - mean_squared_error: 0.2122
Epoch 26/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.190
8 - mean_squared_error: 0.1908
Epoch 27/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.181
4 - mean_squared_error: 0.1814
Epoch 28/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.168
4 - mean_squared_error: 0.1684
Epoch 29/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.161
2 - mean_squared_error: 0.1612
Epoch 30/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.150
6 - mean_squared_error: 0.1506
Epoch 31/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.147
4 - mean_squared_error: 0.1474
Epoch 32/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.149
1 - mean_squared_error: 0.1491
Epoch 33/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.131
1 - mean_squared_error: 0.1311
Epoch 34/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.118
6 - mean_squared_error: 0.1186
Epoch 35/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.151
5 - mean_squared_error: 0.1515
Epoch 36/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.115
0 - mean_squared_error: 0.1150
Epoch 37/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.103
2 - mean_squared_error: 0.1032
Epoch 38/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.098
0 - mean_squared_error: 0.0980
Epoch 39/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.120
0 - mean_squared_error: 0.1200
Epoch 40/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.090
4 - mean_squared_error: 0.0904
Epoch 41/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.093
```

```
5 - mean_squared_error: 0.0935
Epoch 42/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.528
5 - mean_squared_error: 0.5285
Epoch 43/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.091
6 - mean_squared_error: 0.0916
Epoch 44/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.096
1 - mean_squared_error: 0.0961
Epoch 45/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.188
4 - mean_squared_error: 0.1884
Epoch 46/100
14901/14901 [=====] - 0s 6us/sample - loss: 7.654
0 - mean_squared_error: 7.6540
Epoch 47/100
14901/14901 [=====] - 0s 5us/sample - loss: 19.23
09 - mean_squared_error: 19.2309
Epoch 48/100
14901/14901 [=====] - 0s 5us/sample - loss: 5.324
3 - mean_squared_error: 5.3243
Epoch 49/100
14901/14901 [=====] - 0s 5us/sample - loss: 79.80
41 - mean_squared_error: 79.8041
Epoch 50/100
14901/14901 [=====] - 0s 5us/sample - loss: 80.10
42 - mean_squared_error: 80.1042
Epoch 51/100
14901/14901 [=====] - 0s 5us/sample - loss: 76.77
51 - mean_squared_error: 76.7751
Epoch 52/100
14901/14901 [=====] - 0s 5us/sample - loss: 2.594
7 - mean_squared_error: 2.5947
Epoch 53/100
14901/14901 [=====] - 0s 5us/sample - loss: 19.10
53 - mean_squared_error: 19.1053
Epoch 54/100
14901/14901 [=====] - 0s 6us/sample - loss: 57.07
50 - mean_squared_error: 57.0750
Epoch 55/100
14901/14901 [=====] - 0s 5us/sample - loss: 80.94
19 - mean_squared_error: 80.9420
Epoch 56/100
14901/14901 [=====] - 0s 5us/sample - loss: 3255.
3868 - mean_squared_error: 3255.3867
Epoch 57/100
14901/14901 [=====] - 0s 5us/sample - loss: 3584.
7444 - mean_squared_error: 3584.7446
Epoch 58/100
14901/14901 [=====] - 0s 6us/sample - loss: 6.791
1 - mean_squared_error: 6.7911
Epoch 59/100
14901/14901 [=====] - 0s 5us/sample - loss: 2.901
5 - mean_squared_error: 2.9015
Epoch 60/100
14901/14901 [=====] - 0s 5us/sample - loss: 1.680
8 - mean_squared_error: 1.6808
Epoch 61/100
14901/14901 [=====] - 0s 5us/sample - loss: 1.018
2 - mean_squared_error: 1.0182
```



```
Epoch 62/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.619
2 - mean_squared_error: 0.6192
Epoch 63/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.656
4 - mean_squared_error: 0.6564
Epoch 64/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.325
8 - mean_squared_error: 0.3258
Epoch 65/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.248
9 - mean_squared_error: 0.2489
Epoch 66/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.216
6 - mean_squared_error: 0.2166
Epoch 67/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.197
4 - mean_squared_error: 0.1974
Epoch 68/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.187
6 - mean_squared_error: 0.1876
Epoch 69/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.181
4 - mean_squared_error: 0.1814
Epoch 70/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.173
8 - mean_squared_error: 0.1738
Epoch 71/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.170
2 - mean_squared_error: 0.1702
Epoch 72/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.162
6 - mean_squared_error: 0.1626
Epoch 73/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.170
2 - mean_squared_error: 0.1702
Epoch 74/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.148
8 - mean_squared_error: 0.1488
Epoch 75/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.145
9 - mean_squared_error: 0.1459
Epoch 76/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.135
2 - mean_squared_error: 0.1352
Epoch 77/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.131
4 - mean_squared_error: 0.1314
Epoch 78/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.135
4 - mean_squared_error: 0.1354
Epoch 79/100
14901/14901 [=====] - 0s 5us/sample - loss: 0.125
7 - mean_squared_error: 0.1257
Epoch 80/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.125
1 - mean_squared_error: 0.1251
Epoch 81/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.190
2 - mean_squared_error: 0.1902
Epoch 82/100
```

```
14901/14901 [=====] - 0s 6us/sample - loss: 0.128
0 - mean_squared_error: 0.12800s - loss: 0.1366 - mean_squared_error: 0.13
Epoch 83/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.118
4 - mean_squared_error: 0.1184
Epoch 84/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.119
2 - mean_squared_error: 0.1192
Epoch 85/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.152
7 - mean_squared_error: 0.1527
Epoch 86/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.182
6 - mean_squared_error: 0.1826
Epoch 87/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.118
2 - mean_squared_error: 0.1182
Epoch 88/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.125
0 - mean_squared_error: 0.1250
Epoch 89/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.324
8 - mean_squared_error: 0.3248
Epoch 90/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.231
4 - mean_squared_error: 0.2314
Epoch 91/100
14901/14901 [=====] - 0s 6us/sample - loss: 1.223
6 - mean_squared_error: 1.2236
Epoch 92/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.160
6 - mean_squared_error: 0.1606
Epoch 93/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.284
4 - mean_squared_error: 0.2844
Epoch 94/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.352
3 - mean_squared_error: 0.3523
Epoch 95/100
14901/14901 [=====] - 0s 6us/sample - loss: 2976.
2945 - mean_squared_error: 2976.2939
Epoch 96/100
14901/14901 [=====] - 0s 6us/sample - loss: 16.30
20 - mean_squared_error: 16.3020
Epoch 97/100
14901/14901 [=====] - 0s 6us/sample - loss: 5.468
6 - mean_squared_error: 5.4686
Epoch 98/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.319
0 - mean_squared_error: 0.3190
Epoch 99/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.254
5 - mean_squared_error: 0.2545
Epoch 100/100
14901/14901 [=====] - 0s 6us/sample - loss: 0.778
7 - mean_squared_error: 0.7787
```

## Perceptron model evaluation metrics:

In [451]:

```
model1.evaluate(X_train, y_train)
```

```
14901/14901 [=====] - 0s 23us/sample - loss: 0.12  
24 - mean_squared_error: 0.1224
```

Out[451]:

```
[0.12243437265898388, 0.122434326]
```

In [452]:

```
model1.evaluate(X_test, y_test)
```

```
4967/4967 [=====] - 0s 19us/sample - loss: 0.1096  
- mean_squared_error: 0.1096
```

Out[452]:

```
[0.1096217931336936, 0.10962183]
```

## R Squared score for perceptron

In [453]:

```
train_pred=model1.predict(X_train)  
pred=model1.predict(X_test)
```

In [454]:

```
from sklearn.metrics import r2_score  
  
print("train",r2_score(y_train, train_pred))  
print("test",r2_score(y_test,pred))
```

```
train -84.84967322200875  
test -74.62482183776028
```

## Conclusion:

**1. Two models with bagging (Lasso Regression, Ridge Regression) and two models with pasting (Decision Tree Regression, Linear Regression) were applied.**

**2. Two models with adaboost boosting (SVC Polynomial Kernel Trick, KNN Regression) were applied.**

**3. One model with gradient boosting was applied.**

**4. The following models were applied before PCA and after PCA:**

**a. Linear Regression**

**b. Lasso**

**c. Ridge**

**d. KNN Regression**

**e. SVR - 'Linear' Kernel Trick**

**f. SVR - 'Polynomial' Kernel Trick**

**g. SVR - 'RBF' Kernel Trick**

**h. Linear SVR**

**i. Polynomial Regression**

**j. SGD Regressor**

**The results were compared and the explanation of whether PCA yields better results was given.**

**5. Two Deep Learning models (Perceptron and Multi Layer Perceptron) were applied.**

**6. The linear SVR for Adaboosting is taking alot of time to execute the code.**