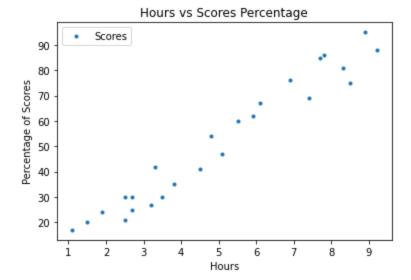
```
In [1]:
        # Importing the Necessary Libraries for our Task
        import numpy as np
        import pandas as pd
        import seaborn as sns
        import matplotlib.pyplot as plt
In [2]:
        # Reading our data from the Link
        url = "https://raw.githubusercontent.com/AdiPersonalWorks/Random/master/student scores%20-
        df = pd.read csv(url)
In [3]:
        # Checking the Head of the data
        df.head()
Out[3]: Hours Scores
        0
            2.5
                   21
        1
            5.1
                   47
        2
            3.2
                 27
                  75
        3
            8.5
            3.5
                  30
In [4]:
        # Checking the info of the data
        df.info()
        <class 'pandas.core.frame.DataFrame'>
        RangeIndex: 25 entries, 0 to 24
        Data columns (total 2 columns):
         # Column Non-Null Count Dtype
        --- ----- ------
        0 Hours 25 non-null
                                   float64
        1 Scores 25 non-null
                                   int64
        dtypes: float64(1), int64(1)
       memory usage: 528.0 bytes
In [5]:
        # Checking for null values
        df.isnull().sum()
       Hours
Out[5]:
       Scores
        dtype: int64
In [6]:
        # Dropping the duplicate rows from the data
        df.drop duplicates(inplace=True)
In [7]:
        # Plotting our data
        df.plot(x="Hours", y="Scores", style='.')
        plt.title("Hours vs Scores Percentage")
        plt.xlabel("Hours")
        plt.ylabel("Percentage of Scores")
        plt.show()
```



As we can see theres a positive correlation between the number of hours and the percentage of scores and it can be clearly seperated by a regression line.

```
In [8]:
          # Feature Splitting for Training and testing the data
         X = df.iloc[:,:-1].values
         y = df.iloc[:,-1].values
In [9]:
          # Importing our train test split model for training and testing the data
         from sklearn.model selection import train test split
In [10]:
          # Since its a very small dataset we will be taking half the data for testing
         X train, X test, y train, y test = train test split(X, y, test size=0.5, random state=0)
In [11]:
          # Importing our Algorithms to perform the regression task
In [12]:
          from sklearn.linear model import LinearRegression
         from xgboost import XGBRegressor
         from catboost import CatBoostRegressor
         from sklearn.tree import DecisionTreeRegressor
         from sklearn.ensemble import RandomForestRegressor
In [13]:
         Linear regression = LinearRegression()
         xgboost = XGBRegressor()
         catboost = CatBoostRegressor()
         rfr = RandomForestRegressor(n estimators=200)
         dtr = DecisionTreeRegressor()
In [14]:
         {f from} sklearn.metrics {f import} mean squared error {f as} mse , mean absolute error {f as} mae
```

We will be creating a function which can perform all the regression tasks for each and every Algorithm so we dont need to create a new train test split model for every single algorithm

```
In [15]:
    def model(model):
        model.fit(X_train,y_train)
        y_pred = model.predict(X_test)
        # Comparing Actual vs Predicted
```

```
print(df)
             # You can also test with your own data
             hours = 9.25
             own pred = model.predict([[hours]])
             print("No of Hours = {}".format(hours))
            print("Predicted Score = {}".format(own pred[0]))
             # Evaluating the performance of the model
             print('Mean Squared Error:',mse(y_test, y_pred))
             print('Mean Absolute Error:', mae(y test, y pred))
In [16]:
        model(Linear regression)
            Actual Predicted
        0
              20 14.973540
        1
               27 31.811747
        2
               69 73.412023
        3
               30 24.878368
        4
              62 58.554782
               35 37.754644
        5
        6
              24 18.935471
        7
              86 77.373954
        8
              76 68.459609
        9
              17 11.011609
        10
              47 50.630920
        11
              85 76.383471
        12
               42 32.802230
        No of Hours = 9.25
        Predicted Score = 91.73595402298852
        Mean Squared Error: 36.798186194985504
        Mean Absolute Error: 5.710484526967277
In [17]:
        model (xqboost)
           Actual Predicted
              20 21.001032
        0
               27 30.001406
        1
              69 80.998802
        2
        3
              30 21.001032
              62 67.000038
        4
               35 30.001406
        5
        6
              24 21.001032
        7
              86 80.998802
               76 67.000038
        8
        9
              17 21.001032
        10
              47 54.001846
        11
               85 80.998802
              42 30.001406
        12
        No of Hours = 9.25
        Predicted Score = 88.00041961669922
        Mean Squared Error: 48.07419753242748
        Mean Absolute Error: 6.077049108651968
In [18]:
        model(catboost)
        Learning rate set to 0.020356
        0:
             learn: 24.6607905 total: 134ms remaining: 2m 13s
        1:
               learn: 24.4463653
                                      total: 134ms remaining: 1m 6s
        2:
              learn: 24.2009456
                                     total: 134ms remaining: 44.6s
        3:
              learn: 24.0016796
                                      total: 135ms remaining: 33.5s
        4:
              learn: 23.8068473
learn: 23.5824967
learn: 23.3686162
              learn: 23.8068473
                                      total: 135ms remaining: 26.8s
        5:
                                     total: 135ms remaining: 22.4s
```

total: 135ms remaining: 19.2s

6:

learn: 23.3686162

df = pd.DataFrame({'Actual': y\_test, 'Predicted': y pred})

7:	learn.	23.1148274	total:	135ms	remaining:	16 89
8:		22.8822469	total:		_	14.9s
9:		22.6933042	total:		_	13.4s
10:		22.4994553	total:		_	12.2s
11:		22.2995639	total:		_	11.2s
12:	learn:	22.0635902	total:	136ms	remaining:	10.4s
13:	learn:	21.8493891	total:	137ms	remaining:	9.62s
14:	learn:	21.6486162	total:	137ms	remaining:	8.98s
15:		21.4026057	total:	137ms	remaining:	8.43s
16:		21.1987149	total:		_	7.93s
17:		21.0109315	total:		_	7.5s
18:		20.7871340	total:		_	7.1s
19:		20.5725100	total:		_	6.75s
20:		20.4081244	total:			6.43s
21:		20.2639059	total:		_	6.14s
22:		20.1247671	total:		remaining:	
23: 24:		19.9589418	<pre>total: total:</pre>		remaining:	
24: 25:		19.8067029 19.6375417	total:		<pre>remaining: remaining:</pre>	
26:		19.4620313	total:		remaining:	
27:		19.2866036	total:		remaining:	
28:		19.1028585	total:		remaining:	
29:		18.9616794	total:		remaining:	
30:		18.7789836	total:		remaining:	
31:		18.6128955	total:		remaining:	
32:		18.4378128	total:		_	4.13s
33:		18.2675947	total:	141ms	remaining:	4s
34:	learn:	18.1158343	total:	141ms	remaining:	3.89s
35:	learn:	17.9352824	total:	141ms	remaining:	3.78s
36:	learn:	17.7852174	total:	142ms	remaining:	3.68s
37:	learn:	17.6323784	total:		remaining:	3.59s
38:		17.4420491	total:		remaining:	
39:		17.3013614	total:		remaining:	
40:		17.1620421	total:		remaining:	
41:		16.9912917	total:		remaining:	
42:		16.8746420	total:		_	3.18s
43:	learn:	16.7315461	total:	143ms	remaining:	3.11s
44: 45:		16.5767341 16.4193382	<pre>total: total:</pre>		remaining:	
45: 46:		16.3075103	total:		<pre>remaining: remaining:</pre>	
47:		16.1602501	total:		remaining:	
48:		16.0299383	total:		remaining:	
49:		15.8810440	total:		remaining:	
50:		15.7475299	total:		remaining:	
51:		15.6042264	total:		remaining:	
52:		15.4717378	total:		remaining:	
53:		15.3034106	total:		remaining:	
54:	learn:	15.1894067	total:	145ms	remaining:	2.49s
55 <b>:</b>	learn:	15.0297672	total:	145ms	remaining:	2.45s
56:	learn:	14.8890755	total:	146ms	remaining:	2.41s
57 <b>:</b>		14.7657447	total:		remaining:	
58:		14.6222778	total:		remaining:	
59:		14.4861061	total:		remaining:	
60:		14.3645987	total:		remaining:	
61:		14.2110984	total:		remaining:	
62:		14.0694413	total:		remaining:	
63:		13.9497896	total:		remaining:	
64:	learn:		total:		remaining:	
65:	learn:		total:		remaining:	
66: 67:	learn:	13.6284689 13.4994276	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	
68:		13.4016483	total:		remaining:	
69:		13.2977040	total:		remaining:	
70:		13.1897201	total:		remaining:	
71:		13.0736261	total:		remaining:	
72:		12.9549754	total:		remaining:	
	- ~					

74: learn: 12.7405664	73:	learn•	12.8376458	total: 149ms	remaining: 1.86s
76: learn: 12.6395013 total: 149ms remaining: 1.81s					_
76: learn: 12.5387505 total: 150ms remaining: 1.79s 77: learn: 12.4500501 total: 150ms remaining: 1.77s 78: learn: 12.3374599 total: 150ms remaining: 1.77s 79: learn: 12.2455925 total: 150ms remaining: 1.73s 80: learn: 12.0593588 total: 150ms remaining: 1.73s 81: learn: 12.0799374 total: 151ms remaining: 1.69s 82: learn: 11.8587660 total: 151ms remaining: 1.69s 84: learn: 11.738681 total: 151ms remaining: 1.65s 84: learn: 11.738681 total: 151ms remaining: 1.65s 86: learn: 11.5927152 total: 151ms remaining: 1.63s 87: learn: 11.5927152 total: 152ms remaining: 1.59s 88: learn: 11.3907044 total: 151ms remaining: 1.59s 88: learn: 11.3907044 total: 152ms remaining: 1.59s 88: learn: 11.3917044 total: 152ms remaining: 1.59s 90: learn: 11.2379923 total: 152ms remaining: 1.59s 91: learn: 11.480182 total: 152ms remaining: 1.59s 92: learn: 10.9592089 total: 153ms remaining: 1.49s 93: learn: 10.573240 total: 153ms remaining: 1.49s 94: learn: 10.498724 total: 153ms remaining: 1.49s 95: learn: 10.7558818 total: 153ms remaining: 1.49s 96: learn: 10.759818 total: 153ms remaining: 1.49s 97: learn: 10.5799758 total: 154ms remaining: 1.49s 98: learn: 10.3438647 total: 154ms remaining: 1.49s 100: learn: 0.3799758 total: 154ms remaining: 1.39s 101: learn: 9.9650187 total: 154ms remaining: 1.39s 104: learn: 9.9850187 total: 155ms remaining: 1.39s 105: learn: 9.9850187 total: 155ms remaining: 1.39s 106: learn: 9.9850187 total: 155ms remaining: 1.39s 107: learn: 9.98650187 total: 155ms remaining: 1.39s 108: learn: 9.98650187 total: 155ms remaining: 1.39s 109: learn: 9.98650187 total: 155ms remaining: 1.39s 109: learn: 9.98650187 total: 156ms remaining: 1.39s 109: learn: 9.9879079 total: 156ms remaining: 1.28s 109: learn: 9.9879079 total: 156ms remaining: 1.28s 109: learn: 9.7940739 total: 156ms remaining: 1.28s 109: learn: 9.7940739 total: 156ms remaining: 1.28s 110: learn: 9.789					_
78: learn: 12.4500501 total: 150ms remaining: 1.77s 78: learn: 12.3374599 total: 150ms remaining: 1.77s 80: learn: 12.1583585 total: 150ms remaining: 1.73s 80: learn: 12.1583585 total: 150ms remaining: 1.73s 80: learn: 12.1583585 total: 150ms remaining: 1.73s 81: learn: 11.9592313 total: 151ms remaining: 1.67s 82: learn: 11.9592313 total: 151ms remaining: 1.67s 83: learn: 11.6873573 total: 151ms remaining: 1.63s 85: learn: 11.6873573 total: 151ms remaining: 1.63s 86: learn: 11.5927152 total: 152ms remaining: 1.63s 87: learn: 11.4977006 total: 152ms remaining: 1.57s 88: learn: 11.4977006 total: 152ms remaining: 1.57s 89: learn: 11.331912 total: 152ms remaining: 1.57s 89: learn: 11.2379923 total: 152ms remaining: 1.54s 90: learn: 11.2379923 total: 152ms remaining: 1.54s 91: learn: 11.680182 total: 152ms remaining: 1.54s 92: learn: 10.573240 total: 152ms remaining: 1.49s 93: learn: 10.5952089 total: 153ms remaining: 1.49s 94: learn: 10.8498724 total: 153ms remaining: 1.49s 95: learn: 10.7558818 total: 153ms remaining: 1.49s 96: learn: 10.7558818 total: 153ms remaining: 1.49s 97: learn: 10.5793758 total: 154ms remaining: 1.49s 98: learn: 10.5793758 total: 154ms remaining: 1.49s 99: learn: 10.7593758 total: 154ms remaining: 1.49s 100: learn: 10.336657 total: 154ms remaining: 1.39s 100: learn: 10.336657 total: 154ms remaining: 1.39s 101: learn: 10.331284 total: 155ms remaining: 1.39s 103: learn: 10.7861844 total: 155ms remaining: 1.39s 104: learn: 9.989454 total: 155ms remaining: 1.39s 105: learn: 9.989454 total: 155ms remaining: 1.39s 106: learn: 9.989454 total: 155ms remaining: 1.38s 107: learn: 9.989455 total: 156ms remaining: 1.28s 108: learn: 9.989455 total: 156ms remaining: 1.28s 111: learn: 9.989397 total: 156ms remaining: 1.28s 112: learn: 9.892397 total: 156ms remaining: 1.28s 113: learn: 8.656391 total: 156ms remaining: 1.28s 114: learn: 9.989695 total: 158ms remaining: 1.28s 115: learn: 8.8921319 total: 158ms remaining: 1.18s 116: learn: 8.892906 total: 159ms remaining: 1.18s 117: learn: 8.892906 total: 15					_
Per   Learn: 12,3374599					_
1.   1.   1.   1.   1.   1.   1.   1.					_
80: learn: 12.1583585					_
82: learn: 12.0799374 total: 151ms remaining: 1.698 82: learn: 11.9592313 total: 151ms remaining: 1.658 83: learn: 11.8587660 total: 151ms remaining: 1.658 84: learn: 11.7736681 total: 151ms remaining: 1.658 85: learn: 11.5927152 total: 151ms remaining: 1.618 86: learn: 11.9977066 total: 152ms remaining: 1.598 87: learn: 11.4977006 total: 152ms remaining: 1.598 88: learn: 11.39307044 total: 152ms remaining: 1.598 99: learn: 11.3131912 total: 152ms remaining: 1.558 99: learn: 11.3239923 total: 152ms remaining: 1.528 91: learn: 11.0573240 total: 152ms remaining: 1.528 92: learn: 10.0573240 total: 153ms remaining: 1.478 93: learn: 10.0573240 total: 153ms remaining: 1.478 94: learn: 10.8592089 total: 153ms remaining: 1.478 95: learn: 10.7558818 total: 153ms remaining: 1.478 96: learn: 10.5793758 total: 153ms remaining: 1.468 97: learn: 10.5793758 total: 154ms remaining: 1.438 97: learn: 10.5793758 total: 154ms remaining: 1.438 98: learn: 10.5793758 total: 154ms remaining: 1.438 99: learn: 10.3436657 total: 154ms remaining: 1.438 100: learn: 10.3436657 total: 154ms remaining: 1.378 101: learn: 10.2861343 total: 155ms remaining: 1.378 102: learn: 10.1077251 total: 155ms remaining: 1.368 103: learn: 10.1077251 total: 155ms remaining: 1.368 104: learn: 9.9650187 total: 155ms remaining: 1.388 106: learn: 9.7940739 total: 156ms remaining: 1.328 107: learn: 9.7840739 total: 156ms remaining: 1.288 108: learn: 9.7845188 total: 157ms remaining: 1.288 110: learn: 9.2858792 total: 158ms remaining: 1.288 111: learn: 9.4923977 total: 158ms remaining: 1.288 112: learn: 9.4856194 total: 158ms remaining: 1.288 113: learn: 9.381546 total: 157ms remaining: 1.288 114: learn: 9.48651 total: 158ms remaining: 1.288 115: learn: 9.8989045 total: 158ms remaining: 1.288 116: learn: 9.898904 total: 158ms remaining: 1.288 117: learn: 9.7896511 total: 158ms remaining: 1.288 118: learn: 9.789651 total: 158ms remaining: 1.288 119: learn: 8.8937689 total: 158ms remaining: 1.189 120: learn: 8.8937689 total: 158ms remaining: 1.189 121: learn: 8.8936					_
82:         learn: 11.9592313         total: 151ms         remaining: 1.65s           84:         learn: 11.7738681         total: 151ms         remaining: 1.65s           85:         learn: 11.6873573         total: 151ms         remaining: 1.63s           86:         learn: 11.9207162         total: 152ms         remaining: 1.59s           87:         learn: 11.3970044         total: 152ms         remaining: 1.55s           88:         learn: 11.3131912         total: 152ms         remaining: 1.54s           90:         learn: 11.2379923         total: 152ms         remaining: 1.58s           91:         learn: 11.0573240         total: 153ms         remaining: 1.49s           93:         learn: 10.5592089         total: 153ms         remaining: 1.49s           94:         learn: 10.5498724         total: 153ms         remaining: 1.49s           95:         learn: 10.5598089         total: 153ms         remaining: 1.49s           96:         learn: 10.5793758         total: 154ms         remaining: 1.43s           97:         learn: 10.3436657         total: 154ms         remaining: 1.39s           101:         learn: 10.3436657         total: 155ms         remaining: 1.36s           102:         learn: 10.3436657         total: 155ms					_
83: learn: 11.8587660 total: 151ms remaining: 1.638 84: learn: 11.7738681 total: 151ms remaining: 1.638 85: learn: 11.6873573 total: 151ms remaining: 1.618 86: learn: 11.5927152 total: 152ms remaining: 1.578 87: learn: 11.4977006 total: 152ms remaining: 1.578 88: learn: 11.3907044 total: 152ms remaining: 1.558 89: learn: 11.3131912 total: 152ms remaining: 1.558 90: learn: 11.32379923 total: 152ms remaining: 1.528 91: learn: 11.480182 total: 152ms remaining: 1.528 92: learn: 11.0573240 total: 153ms remaining: 1.498 93: learn: 10.5752089 total: 153ms remaining: 1.498 93: learn: 10.5758818 total: 153ms remaining: 1.478 94: learn: 10.558818 total: 153ms remaining: 1.478 95: learn: 10.5600841 total: 153ms remaining: 1.488 96: learn: 10.5079605 total: 154ms remaining: 1.428 97: learn: 10.5079605 total: 154ms remaining: 1.428 98: learn: 10.5079605 total: 154ms remaining: 1.428 99: learn: 10.5079605 total: 154ms remaining: 1.378 100: learn: 10.436657 total: 154ms remaining: 1.378 101: learn: 10.2861343 total: 154ms remaining: 1.378 102: learn: 10.77251 total: 155ms remaining: 1.378 103: learn: 10.1077251 total: 155ms remaining: 1.368 103: learn: 10.1077251 total: 155ms remaining: 1.338 104: learn: 9.9650187 total: 155ms remaining: 1.338 105: learn: 9.7840739 total: 155ms remaining: 1.338 106: learn: 9.7840739 total: 155ms remaining: 1.388 107: learn: 9.7840739 total: 155ms remaining: 1.288 109: learn: 9.7845188 total: 155ms remaining: 1.288 110: learn: 9.889454 total: 155ms remaining: 1.288 111: learn: 9.4823977 total: 155ms remaining: 1.288 112: learn: 9.482555 total: 156ms remaining: 1.288 113: learn: 9.898604 total: 157ms remaining: 1.288 114: learn: 9.482559 total: 158ms remaining: 1.288 115: learn: 9.898661 total: 158ms remaining: 1.288 116: learn: 9.789651 total: 158ms remaining: 1.288 117: learn: 8.893689 total: 158ms remaining: 1.288 118: learn: 8.7889704 total: 158ms remaining: 1.288 119: learn: 8.893689 total: 158ms remaining: 1.288 120: learn: 8.7989604 total: 158ms remaining: 1.189 121: learn: 8.893689 tota					_
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122:learn:8.7388076total:159msremaining:1.13s123:learn:8.6868429total:159msremaining:1.13s124:learn:8.6209906total:159msremaining:1.12s125:learn:8.5543972total:160msremaining:1.11s126:learn:8.4947241total:160msremaining:1.09s127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					=
123:learn:8.6868429total:159msremaining:1.13s124:learn:8.6209906total:159msremaining:1.12s125:learn:8.5543972total:160msremaining:1.1s126:learn:8.4947241total:160msremaining:1.1s127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
124:learn:8.6209906total:159msremaining:1.12s125:learn:8.5543972total:160msremaining:1.11s126:learn:8.4947241total:160msremaining:1.1s127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
125:learn:8.5543972total:160msremaining:1.11s126:learn:8.4947241total:160msremaining:1.1s127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
126:learn:8.4947241total:160msremaining:1.1s127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
127:learn:8.4316508total:160msremaining:1.09s128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
128:learn:8.3748586total:160msremaining:1.08s129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.03s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
129:learn:8.3097445total:161msremaining:1.08s130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
130:learn:8.2450910total:161msremaining:1.07s131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
131:learn:8.1872379total:161msremaining:1.06s132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
132:learn:8.1249446total:161msremaining:1.05s133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
133:learn:8.0746683total:162msremaining:1.04s134:learn:8.0171507total:162msremaining:1.04s135:learn:7.9574181total:162msremaining:1.03s136:learn:7.9020871total:162msremaining:1.02s137:learn:7.8465896total:163msremaining:1.01s					_
134:       learn:       8.0171507       total:       162ms       remaining:       1.04s         135:       learn:       7.9574181       total:       162ms       remaining:       1.03s         136:       learn:       7.9020871       total:       162ms       remaining:       1.02s         137:       learn:       7.8465896       total:       163ms       remaining:       1.01s					_
135:       learn: 7.9574181       total: 162ms       remaining: 1.03s         136:       learn: 7.9020871       total: 162ms       remaining: 1.02s         137:       learn: 7.8465896       total: 163ms       remaining: 1.01s					_
136:       learn: 7.9020871       total: 162ms       remaining: 1.02s         137:       learn: 7.8465896       total: 163ms       remaining: 1.01s					_
137: learn: 7.8465896 total: 163ms remaining: 1.01s					_
					_
		learn:		total: 163ms	_

139:	learn:	7.7239725	total:	163ms	remaining:	1s
140:		7.6731509	total:	163ms	remaining:	994ms
141:		7.6066135	total:		remaining:	987ms
142:	learn:	7.5550246	total:		remaining:	980ms
143:	learn:	7.4969029	total:		remaining:	973ms
144:	learn:	7.4416160	total:		remaining:	967ms
145:	learn:	7.3816525	total:		remaining:	960ms
146:	learn:	7.3300957	total:		remaining:	954ms
147:	learn:	7.2823882	total:	165ms	remaining:	947ms
148:	learn:	7.2187779	total:	165ms	remaining:	941ms
149:	learn:	7.1612736	total:	165ms	remaining:	934ms
150:	learn:	7.1118302	total:	165ms	remaining:	928ms
151:	learn:	7.0556933	total:	165ms	remaining:	922ms
152:	learn:	7.0166164	total:	165ms	remaining:	916ms
153:	learn:	6.9627848	total:		remaining:	910ms
154:		6.9035707	total:		remaining:	904ms
155:		6.8450704	total:		remaining:	898ms
156:		6.7980910	total:		remaining:	892ms
157:		6.7499898	total:		remaining:	887ms
158:		6.7124551	total:		remaining:	881ms
159:		6.6710331	total:		remaining:	876ms
160:		6.6237748	total:		remaining:	871ms
161:		6.5710595	total:		remaining:	
162:		6.5250846	total:		remaining:	
163:		6.4794935	total:		remaining:	
164:		6.4341409	total:		remaining:	
165:		6.3912846	total:		remaining:	844ms
166:		6.3392466	total:		remaining:	
167:		6.2954473	total:		remaining:	835ms
168: 169:		6.2483241 6.1981039	total:	169ms 169ms	<pre>remaining: remaining:</pre>	830ms 827ms
170:		6.1521859	<pre>total: total:</pre>		remaining:	822ms
171:		6.1110400	total:		remaining:	817ms
172:		6.0740636	total:		remaining:	812ms
173:		6.0336830	total:	170ms	remaining:	808ms
174:		5.9926484	total:	170ms	remaining:	803ms
175:	learn:	5.9543272	total:	171ms	remaining:	799ms
176:	learn:	5.9113597	total:	171ms	remaining:	794ms
177:	learn:	5.8728730	total:	171ms	remaining:	790ms
178:	learn:	5.8305087	total:	171ms	remaining:	785ms
179:	learn:	5.7925475		171ms	remaining:	781ms
180:	learn:	5.7568123	total:	172ms	remaining:	776ms
181:	learn:	5.7220393	total:	172ms	remaining:	772ms
182:	learn:	5.6846349	total:	172ms	remaining:	768ms
183:	learn:	5.6485884	total:	172ms	remaining:	764ms
184:	learn:	5.6129904	total:	172ms	remaining:	760ms
185:	learn:	5.5787923	total:	173ms	remaining:	756ms
186:	learn:	5.5434573	total:	173ms	remaining:	752ms
187:	learn:	5.5157340	total:	173ms	remaining:	748ms
188:	learn:	5.4880348	total:	173ms	remaining:	744ms
189:	learn:	5.4620776	total:	174ms	remaining:	740ms
190:	learn:	5.4259777	total:	174ms	remaining:	736ms
191:	learn:	5.3932880	total:	174ms	remaining:	732ms
192:	learn:	5.3590827	total:	174ms	remaining:	728ms
193:	learn:	5.3271967	total:	174ms	remaining:	725ms
194: 195:	learn:	5.2970217 5.2590205	<pre>total: total:</pre>	175ms 175ms	<pre>remaining: remaining:</pre>	721ms 717ms
195: 196:	learn:	5.2390205	total:	175ms	remaining: remaining:	717ms 713ms
190:	learn:	5.1901696	total:	175ms	remaining:	713ms 710ms
197:	learn:	5.1594961	total:	175ms	remaining:	710ms 706ms
199:	learn:	5.1278176	total:	176ms	remaining:	700ms
200:	learn:	5.0992568	total:	176ms	remaining:	699ms
201:	learn:	5.0635639	total:	176ms	remaining:	696ms
202:	learn:	5.0277735	total:	176ms	remaining:	692ms
203:	learn:	5.0000216	total:	177ms	remaining:	689ms
204:	learn:	4.9682896	total:		remaining:	685ms

205:	learn•	4.9376812	total:	177ms	remaining:	682ms
206:		4.9036715	total:		remaining:	678ms
207:		4.8699591	total:		remaining:	675ms
208:		4.8368023	total:		remaining:	672ms
209:		4.8131441	total:		remaining:	669ms
210:		4.7838736	total:		remaining:	665ms
211:	learn:	4.7555182	total:	178ms	remaining:	662ms
212:	learn:	4.7259384	total:	178ms	remaining:	659ms
213:	learn:	4.6972750	total:	179ms	remaining:	656ms
214:	learn:	4.6710610	total:	179ms	remaining:	653ms
215:		4.6449380	total:		remaining:	649ms
216:		4.6180741	total:		remaining:	647ms
217:		4.5921860	total:		remaining:	644ms
218:		4.5683342	total:		remaining:	643ms
219:		4.5410261	total:		remaining:	641ms
220:		4.5143649	total:		remaining:	638ms
221:		4.4871080	total:		remaining:	635ms
222:		4.4635151	total:		remaining:	632ms
223:		4.4410359	total:		remaining:	630ms
224:		4.4178300	total:		remaining:	627ms
225: 226:		4.3952736 4.3674896	<pre>total: total:</pre>		remaining:	624ms
220:		4.3416759	total:		<pre>remaining: remaining:</pre>	621ms 619ms
227:		4.3219582	total:		remaining:	616ms
229:		4.2950574	total:		remaining:	613ms
230:		4.2708884	total:		remaining:	610ms
231:		4.2496211	total:		remaining:	608ms
232:		4.2259481	total:		remaining:	605ms
233:		4.2020048	total:		remaining:	602ms
234:	learn:	4.1814264	total:	184ms	remaining:	599ms
235:	learn:	4.1574970	total:	184ms	remaining:	597ms
236:	learn:	4.1336531	total:	185ms	remaining:	594ms
237:	learn:	4.1132441	total:	185ms	remaining:	592ms
238:		4.0918927	total:		remaining:	589ms
239:		4.0686971	total:		remaining:	586ms
240:	learn:		total:		remaining:	584ms
241:	learn:	4.0348539	total:	186ms	remaining:	582ms
242:		4.0147501	total:	186ms	remaining:	579ms
243:	learn:	3.9947810	total:	186ms	remaining:	577ms
244:	learn:	3.9752166	total:		remaining:	574ms
245:	learn:	3.9555024	total:		remaining:	572ms
246: 247:	learn: learn:	3.9383650 3.9191498	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	569ms 567ms
247:	learn:	3.9012183	total:		remaining:	565ms
249:	learn:	3.8819925	total:		remaining:	562ms
250:	learn:	3.8609398	total:		remaining:	560ms
251:	learn:	3.8419751	total:		remaining:	558ms
252:	learn:	3.8233542	total:		remaining:	556ms
253:	learn:	3.8021058	total:		remaining:	554ms
254:	learn:	3.7808170	total:		remaining:	551ms
255:	learn:	3.7625723	total:	189ms	remaining:	549ms
256:	learn:	3.7442280	total:	189ms	remaining:	547ms
257:	learn:	3.7271066	total:	190ms	remaining:	545ms
258:	learn:	3.7098517	total:	190ms	remaining:	543ms
259:	learn:	3.6918363	total:	190ms	remaining:	541ms
260:	learn:	3.6739402	total:	190ms	remaining:	539ms
261:	learn:	3.6591347	total:		remaining:	537ms
262:	learn:	3.6414437	total:		remaining:	535ms
263:	learn:	3.6238697	total:		remaining:	534ms
264:	learn:	3.6072254	total:		remaining:	533ms
265:	learn:	3.5900321	total:		remaining:	531ms
266:	learn:	3.5727830	total:		remaining:	529ms
267: 268:	learn:	3.5558035 3.5387732	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	527ms 525ms
269:	learn:	3.5218553	total:		remaining: remaining:	523ms
270:		3.5033540	total:		remaining:	
210.	TCULII.	0.0000010	cotar.	エンゴバロ	Tomathing.	~ L LIIIO

271:	loarn:	3.4874043	total:	10/mc	remaining:	510mc
271:		3.4717243	total:		remaining:	517ms
273:		3.4553556	total:		remaining:	517ms
274:		3.4395038	total:		remaining:	513ms
275:		3.4276139	total:		remaining:	511ms
276:		3.4115108	total:		remaining:	509ms
277:		3.3959252	total:		remaining:	507ms
278:		3.3800186	total:		remaining:	505ms
279:		3.3640882	total:		remaining:	503ms
280:		3.3483799	total:		remaining:	502ms
281:		3.3331801	total:		remaining:	500ms
282:		3.3176637	total:		remaining:	498ms
283:	learn:	3.3021283	total:	197ms	remaining:	496ms
284:	learn:	3.2868055	total:	197ms	remaining:	494ms
285:	learn:	3.2715796	total:	197ms	remaining:	492ms
286:	learn:	3.2564500	total:	197ms	remaining:	490ms
287:	learn:	3.2413002	total:	198ms	remaining:	489ms
288:	learn:	3.2270164	total:	198ms	remaining:	487ms
289:	learn:	3.2128210	total:	198ms	remaining:	485ms
290:	learn:	3.1980453	total:	198ms	remaining:	483ms
291:	learn:	3.1833632	total:	199ms	remaining:	481ms
292:	learn:	3.1687742	total:	199ms	remaining:	480ms
293:		3.1541660	total:	199ms	remaining:	478ms
294:		3.1397597	total:		remaining:	476ms
295:		3.1254449	total:		remaining:	474ms
296:		3.1112209	total:	200ms	remaining:	472ms
297:		3.0970872	total:		remaining:	471ms
298:		3.0829310	total:		remaining:	469ms
299:		3.0693341	total:		remaining:	467ms
300:		3.0554611	total:		remaining:	466ms
301:		3.0416763	total:		remaining:	464ms
302:		3.0279792	total:		remaining:	462ms
303:		3.0148328	total:		remaining:	461ms
304:		3.0018425	total:		remaining:	459ms
305:		2.9883870	total:		remaining:	457ms
306:		2.9750174	total:		remaining:	456ms
307:	learn:	2.9617330	total:	202ms	remaining:	454ms
308:		2.9485334	total:		remaining:	452ms
309:	learn: learn:	<ul><li>2.9354181</li><li>2.9223866</li></ul>	total:		<pre>remaining: remaining:</pre>	451ms 449ms
310: 311:	learn:		total:		_	
311:	learn:	<ul><li>2.9094383</li><li>2.8969975</li></ul>	total: total:		<pre>remaining: remaining:</pre>	447ms 446ms
313:	learn:	2.8842073	total:		remaining:	444ms
314:	learn:	2.8714990	total:		remaining:	443ms
315:	learn:	2.8588722	total:		remaining:	441ms
316:	learn:	2.8467722	total:		remaining:	440ms
317:	learn:	2.8342968	total:		remaining:	438ms
318:	learn:	2.8219015	total:		remaining:	436ms
319:	learn:	2.8095858	total:		remaining:	435ms
320:	learn:	2.7973492	total:		remaining:	433ms
321:	learn:	2.7851913	total:		remaining:	432ms
322:	learn:	2.7731116	total:		remaining:	430ms
323:	learn:	2.7614859	total:		remaining:	429ms
324:	learn:	2.7495550	total:		remaining:	427ms
325:	learn:	2.7375763	total:		remaining:	426ms
326:	learn:	2.7257978	total:		remaining:	424ms
327:	learn:	2.7140953	total:	206ms	remaining:	423ms
328:	learn:	2.7024684	total:	207ms	remaining:	422ms
329:	learn:	2.6912923	total:	207ms	remaining:	420ms
330:	learn:	2.6801633	total:	207ms	remaining:	419ms
331:	learn:	2.6687460	total:	207ms	remaining:	417ms
332:	learn:	2.6574026	total:		remaining:	416ms
333:	learn:	2.6461329	total:		remaining:	414ms
334:	learn:	2.6349364	total:		remaining:	413ms
335:	learn:	2.6238127	total:		remaining:	412ms
336:	learn:	2.6130931	total:	208ms	remaining:	410ms

337:	learn.	2.6021080	total:	209ms	remaining:	409mg
338:		2.5911946	total:		remaining:	407ms
339:		2.5803523	total:		remaining:	406ms
340:		2.5695807	total:		remaining:	405ms
341:		2.5587502	total:		remaining:	403ms
342:		2.5479930	total:		remaining:	402ms
343:		2.5374296	total:		remaining:	
344:		2.5269353	total:		remaining:	399ms
345:		2.5168055	total:		remaining:	398ms
346:		2.5064434	total:		remaining:	397ms
347:	learn:	2.4961492	total:		remaining:	395ms
348:	learn:	2.4859227	total:	211ms	remaining:	394ms
349:	learn:	2.4757634	total:	211ms	remaining:	393ms
350:	learn:	2.4656710	total:	212ms	remaining:	391ms
351:	learn:	2.4556450	total:	212ms	remaining:	390ms
352:	learn:	2.4456851	total:	212ms	remaining:	389ms
353:	learn:	2.4357909	total:		remaining:	387ms
354:		2.4259620	total:		remaining:	386ms
355:		2.4161981	total:		remaining:	385ms
356:		2.4064988	total:		remaining:	384ms
357:		2.3968636	total:		remaining:	382ms
358:		2.3872923	total:		remaining:	381ms
359:		2.3777845	total:		remaining:	380ms
360:		2.3683398	total:		remaining:	379ms
361:		2.3589578	total:		remaining:	377ms
362:		2.3496383	total:		remaining:	376ms
363:		2.3406048	total:		remaining:	375ms
364:		2.3314052	total:		remaining:	374ms
365:		2.3222670	total:		remaining:	372ms
366:		2.3134327	total:		remaining:	371ms
367: 368:		2.3044125 2.2956344	<pre>total: total:</pre>		remaining:	370ms
369:		2.2950344	total:		<pre>remaining: remaining:</pre>	369ms 368ms
370:		2.2780698	total:		remaining:	366ms
371:		2.2692840	total:		remaining:	365ms
372:		2.2605574	total:		remaining:	364ms
373:	learn:	2.2521194	total:	217ms	remaining:	363ms
374:		2.2435065	total:		remaining:	362ms
375:	learn:	2.2349518	total:		remaining:	361ms
376:	learn:	2.2264549	total:		remaining:	359ms
377:	learn:	2.2180156	total:	218ms	remaining:	358ms
378:	learn:	2.2096336	total:	218ms	remaining:	357ms
379:	learn:	2.2013084	total:	218ms	remaining:	356ms
380:	learn:	2.1930398	total:	218ms	remaining:	355ms
381:	learn:	2.1848274	total:	219ms	remaining:	354ms
382:	learn:	2.1766710	total:	219ms	remaining:	353ms
383:	learn:	2.1685702	total:	219ms	remaining:	351ms
384:	learn:	2.1605247	total:		remaining:	350ms
385:	learn:	2.1525342	total:		remaining:	349ms
386:	learn:	2.1447890	total:		remaining:	348ms
387:	learn:	2.1369045	total:		remaining:	347ms
388:	learn:	2.1290740	total:		remaining:	346ms
389:	learn:	2.1212974	total:		remaining:	345ms
390:	learn:	2.1135743	total:		remaining:	344ms
391:	learn:	2.1059043	total:		remaining:	343ms
392: 393:	learn:	2.0982873 2.0907228	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	342ms 340ms
393: 394:	learn:	2.0907228	total:		remaining: remaining:	340ms 339ms
395:	learn:	2.0632106	total:		remaining:	338ms
396:	learn:	2.0683419	total:		remaining:	337ms
397:	learn:	2.0609848	total:		remaining:	336ms
398:	learn:	2.0538388	total:		remaining:	335ms
399:	learn:	2.0465810	total:		remaining:	334ms
400:	learn:	2.0393738	total:		remaining:	333ms
401:	learn:	2.0322169	total:		remaining:	332ms
402:	learn:	2.0251099	total:		remaining:	

403:	learn•	2.0180527	total:	224ms	remaining:	330ms
404:		2.0110449	total:		remaining:	329ms
405:		2.0040863	total:		remaining:	328ms
406:		1.9973194	total:		remaining:	327ms
407:		1.9904558	total:		remaining:	326ms
408:		1.9837816	total:		remaining:	325ms
409:		1.9770121	total:		remaining:	324ms
410:		1.9704296	total:		remaining:	323ms
411:		1.9638928	total:	225ms	remaining:	322ms
412:		1.9572613	total:	226ms	remaining:	321ms
413:	learn:	1.9506769	total:	226ms	remaining:	320ms
414:	learn:	1.9441392	total:	226ms	remaining:	319ms
415:	learn:	1.9376482	total:	226ms	remaining:	318ms
416:	learn:	1.9312035	total:	227ms	remaining:	317ms
417:	learn:	1.9249334	total:	227ms	remaining:	316ms
418:		1.9185781	total:		remaining:	315ms
419:		1.9122685	total:		remaining:	314ms
420:		1.9060041	total:		remaining:	313ms
421:		1.8999071	total:		remaining:	312ms
422:		1.8937303	total:		remaining:	311ms
423:		1.8875980	total:		remaining:	310ms
424:		1.8816286	total:		_	
425:		1.8757015	total:		remaining:	308ms
426:		1.8696971	total:		remaining:	307ms
427:		1.8638535	total:		remaining:	
428:		1.8579338	total:		remaining:	305ms
429:		1.8521729	total:		remaining:	304ms
430: 431:		1.8463370 1.8406578	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	303ms 302ms
431:		1.8350193	total:		remaining:	302ms
432:		1.8293064	total:		remaining:	300ms
434:		1.8237482	total:		remaining:	299ms
435:		1.8181168	total:		remaining:	
436:		1.8126381	total:		remaining:	
437:		1.8070874	total:		remaining:	297ms
438:	learn:	1.8015776	total:		remaining:	296ms
439:	learn:	1.7962162	total:	232ms	remaining:	295ms
440:	learn:	1.7908937	total:	232ms	remaining:	294ms
441:	learn:	1.7856099	total:	232ms	remaining:	293ms
442:	learn:	1.7803647	total:	232ms	remaining:	292ms
443:	learn:	1.7750484	total:	232ms	remaining:	291ms
444:	learn:	1.7698791	total:	233ms	remaining:	290ms
445:	learn:	1.7647475	total:	233ms	remaining:	289ms
446:	learn:	1.7596536	total:		remaining:	288ms
447:	learn:	1.7545972	total:		remaining:	288ms
448:	learn:	1.7495779	total:		remaining:	287ms
449:	learn:	1.7445956	total:		remaining:	286ms
450:	learn:	1.7396501	total:		remaining:	285ms
451:	learn:	1.7346309	total:		remaining:	284ms
452:	learn:	1.7297579	total:		<pre>remaining: remaining:</pre>	283ms
453: 454:	<pre>learn: learn:</pre>	1.7248126 1.7200112	<pre>total: total:</pre>		remaining:	282ms 281ms
455:	learn:	1.7152455	total:		remaining:	281ms
456:	learn:	1.7105153	total:		remaining:	280ms
457:	learn:	1.7057129	total:		remaining:	279ms
458:	learn:	1.7010527	total:		remaining:	278ms
459:	learn:	1.6964274	total:		remaining:	277ms
460:	learn:	1.6918368	total:		remaining:	276ms
461:	learn:	1.6872807	total:		remaining:	275ms
462:	learn:	1.6827589	total:		remaining:	275ms
463:	learn:	1.6782711	total:		remaining:	274ms
464:	learn:	1.6738173	total:	237ms	remaining:	273ms
465:	learn:	1.6693971	total:	237ms	remaining:	272ms
466:	learn:	1.6650104	total:	238ms	remaining:	271ms
467:	learn:	1.6606569	total:		remaining:	270ms
468:	learn:	1.6563366	total:	238ms	remaining:	270ms

470: learn: 1.63444590 total: 239ms remaining: 268ms 471: learn: 1.6386131 total: 239ms remaining: 267ms 472: learn: 1.6271046 total: 239ms remaining: 265ms 473: learn: 1.6271046 total: 239ms remaining: 265ms 473: learn: 1.6189367 total: 240ms remaining: 265ms 475: learn: 1.6189367 total: 240ms remaining: 264ms 476: learn: 1.6073940 total: 240ms remaining: 264ms 476: learn: 1.6073940 total: 240ms remaining: 264ms 477: learn: 1.6073940 total: 240ms remaining: 264ms 478: learn: 1.5979575 total: 240ms remaining: 264ms 478: learn: 1.5995665 total: 241ms remaining: 264ms 482: learn: 1.5835234 total: 241ms remaining: 264ms 482: learn: 1.5835234 total: 241ms remaining: 256ms 482: learn: 1.5813298 total: 242ms remaining: 256ms 484: learn: 1.5736906 total: 242ms remaining: 255ms 484: learn: 1.5736906 total: 242ms remaining: 255ms 489: learn: 1.5736906 total: 242ms remaining: 255ms 489: learn: 1.55385234 total: 242ms remaining: 255ms 489: learn: 1.5538593 total: 242ms remaining: 255ms 489: learn: 1.5538595 total: 243ms remaining: 255ms 489: learn: 1.5538595 total: 243ms remaining: 255ms 489: learn: 1.554094 total: 244ms remaining: 250ms 493: learn: 1.5386174 total: 244ms remaining: 250ms 493: learn: 1.5386174 total: 244ms remaining: 250ms 493: learn: 1.5386174 total: 244ms remaining: 244ms 496: learn: 1.5082916 total: 245ms remaining: 245ms 498: learn: 1.5082916 total: 245ms remaining: 245ms 498: learn: 1.508919 total: 244ms remaining: 245ms 498: learn: 1.508919 total: 245ms remaining: 245ms 500: learn: 1.408988 total: 245ms remaining: 245ms 500: learn: 1.408988 total: 245ms remaining: 245ms 500: learn: 1.408988 total: 245ms remaining: 245ms 500: learn: 1.408986 total: 245ms remaining: 235ms 500: learn: 1.408986 total: 245ms remaining: 235ms 500: learn: 1.408986 tot	469:	learn•	1.6503666	total:	238ms	remaining:	269ms
471: learn: 1.6386131 total: 239ms remaining: 26fms 473: learn: 1.6271046 total: 239ms remaining: 26fms 474: learn: 1.6271046 total: 239ms remaining: 26fms 474: learn: 1.6271046 total: 239ms remaining: 26fms 475: learn: 1.618367 total: 240ms remaining: 26fms 476: learn: 1.6114203 total: 240ms remaining: 26fms 476: learn: 1.603398 total: 240ms remaining: 26fms 477: learn: 1.603398 total: 240ms remaining: 26fms 478: learn: 1.5936645 total: 241ms remaining: 26fms 479: learn: 1.5936645 total: 241ms remaining: 26fms 481: learn: 1.5936645 total: 241ms remaining: 25fms 482: learn: 1.5835234 total: 241ms remaining: 25fms 483: learn: 1.5835234 total: 241ms remaining: 25fms 484: learn: 1.5774953 total: 242ms remaining: 25fms 486: learn: 1.5774953 total: 242ms remaining: 25fms 487: learn: 1.5736906 total: 242ms remaining: 25fms 488: learn: 1.5736910 total: 242ms remaining: 25fms 488: learn: 1.5535050 total: 242ms remaining: 25fms 489: learn: 1.5535050 total: 242ms remaining: 25fms 489: learn: 1.5505692 total: 242ms remaining: 25fms 489: learn: 1.593908 total: 243ms remaining: 25fms 490: learn: 1.5940059 total: 243ms remaining: 25fms 491: learn: 1.5940059 total: 243ms remaining: 25fms 492: learn: 1.5935164 total: 244ms remaining: 25fms 493: learn: 1.5935164 total: 244ms remaining: 25fms 494: learn: 1.5243213 total: 244ms remaining: 25fms 495: learn: 1.5245216 total: 244ms remaining: 25fms 496: learn: 1.5245216 total: 244ms remaining: 24fms 496: learn: 1.5245216 total: 244ms remaining: 24fms 497: learn: 1.5245216 total: 244ms remaining: 24fms 500: learn: 1.5409818 total: 245ms remaining: 24fms 501: learn: 1.5409818 total: 245ms remaining: 24fms 502: learn: 1.5409818 total: 245ms remaining: 24fms 503: learn: 1.4767076 total: 245ms remaining: 24ms 504: learn: 1.4862666 total: 245ms remaining: 23ms 508: learn: 1.4862769 total: 245ms remaining: 23ms 509: learn: 1.4785787 total: 245ms remaining: 23ms 511: learn: 1.4025766 total: 245ms remaining: 23ms 512: learn: 1.402576 total: 245ms remaining: 23ms 524: learn: 1.4302576 total:						=	
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475: learn: 1.6114203 total: 239ms remaining: 265ms 476: learn: 1.6114203 total: 240ms remaining: 263ms 477: learn: 1.6073940 total: 240ms remaining: 262ms 477: learn: 1.6073940 total: 240ms remaining: 262ms 477: learn: 1.5033988 total: 240ms remaining: 262ms 479: learn: 1.5939575 total: 241ms remaining: 261ms 480: learn: 1.593645 total: 241ms remaining: 269ms 482: learn: 1.5894103 total: 241ms remaining: 259ms 482: learn: 1.5894203 total: 241ms remaining: 259ms 482: learn: 1.5734953 total: 242ms remaining: 255ms 484: learn: 1.5774953 total: 242ms remaining: 257ms 485: learn: 1.5736906 total: 242ms remaining: 255ms 487: learn: 1.5695129 total: 242ms remaining: 255ms 487: learn: 1.5695129 total: 242ms remaining: 255ms 488: learn: 1.5595595 total: 242ms remaining: 255ms 489: learn: 1.5596592 total: 242ms remaining: 255ms 489: learn: 1.5596592 total: 243ms remaining: 255ms 499: learn: 1.5596592 total: 243ms remaining: 255ms 499: learn: 1.5596594 total: 243ms remaining: 255ms 499: learn: 1.539308 total: 243ms remaining: 255ms 499: learn: 1.5393094 total: 243ms remaining: 255ms 499: learn: 1.53203994 total: 243ms remaining: 250ms 499: learn: 1.5326474 total: 244ms remaining: 249ms 499: learn: 1.5328300 total: 244ms remaining: 249ms 499: learn: 1.5283000 total: 245ms remaining: 244ms 499: learn: 1.5283000 total: 245ms remaining: 244ms 499: learn: 1.5283000 total: 245ms remaining: 244ms 500: learn: 1.539577 total: 245ms remaining: 244ms 500: learn: 1.539587 total: 245ms remaining: 244ms 500: learn: 1.5495878 total: 245ms remaining: 244ms 500: learn: 1.5495878 total: 245ms remaining: 245ms 500: learn: 1.497801 total: 245ms remaining: 235ms 509: learn: 1.408988 total: 246ms remaining: 235ms 509: learn: 1.408988 total: 246ms remaining: 237ms 509: learn: 1.408086 total: 245ms remaining: 237ms 509: learn: 1.408088 total: 245ms remaining: 237ms 509: learn: 1.408088 to						_	
476: learn: 1.6114203 total: 240ms remaining: 263ms 477: learn: 1.6073940 total: 240ms remaining: 263ms 478: learn: 1.6073940 total: 240ms remaining: 262ms 478: learn: 1.5979575 total: 241ms remaining: 261ms 480: learn: 1.5936645 total: 241ms remaining: 259ms 480: learn: 1.5894103 total: 241ms remaining: 259ms 481: learn: 1.58951234 total: 241ms remaining: 259ms 482: learn: 1.5813298 total: 242ms remaining: 259ms 483: learn: 1.5813298 total: 242ms remaining: 257ms 485: learn: 1.5736906 total: 242ms remaining: 257ms 485: learn: 1.5736906 total: 242ms remaining: 255ms 486: learn: 1.5736906 total: 242ms remaining: 255ms 486: learn: 1.5535308 total: 242ms remaining: 255ms 487: learn: 1.5535308 total: 242ms remaining: 255ms 489: learn: 1.5593508 total: 243ms remaining: 253ms 489: learn: 1.553674 total: 243ms remaining: 253ms 490: learn: 1.535674 total: 243ms remaining: 255ms 491: learn: 1.5355674 total: 244ms remaining: 250ms 493: learn: 1.5355674 total: 244ms remaining: 250ms 494: learn: 1.5355674 total: 244ms remaining: 254ms 495: learn: 1.5321133 total: 244ms remaining: 249ms 496: learn: 1.5245216 total: 245ms remaining: 249ms 496: learn: 1.5245216 total: 245ms remaining: 247ms 497: learn: 1.5276577 total: 245ms remaining: 245ms 501: learn: 1.5276577 total: 245ms remaining: 245ms 501: learn: 1.5176179 total: 245ms remaining: 245ms 501: learn: 1.5176179 total: 245ms remaining: 245ms 503: learn: 1.54767076 total: 245ms remaining: 245ms 508: learn: 1.497801 total: 245ms remaining: 245ms 508: learn: 1.4954916 total: 245ms remaining: 245ms 508: learn: 1.4954916 total: 245ms remaining: 235ms 509: learn: 1.4054050 total: 245ms remaining: 245ms 509: learn: 1.40767076 total: 245ms remaining: 235ms 509: learn: 1.4054578 total: 245ms remaining: 235ms 509: learn: 1.4052666 total: 245ms remaining: 235ms 509: learn: 1.4052						_	
476: learn: 1.6073940 total: 240ms remaining: 262ms 478: learn: 1.6073940 total: 240ms remaining: 262ms 479: learn: 1.50739575 total: 241ms remaining: 261ms 479: learn: 1.5979575 total: 241ms remaining: 261ms 479: learn: 1.5979575 total: 241ms remaining: 261ms 480: learn: 1.5894103 total: 241ms remaining: 250ms 481: learn: 1.5894103 total: 241ms remaining: 259ms 482: learn: 1.5813298 total: 241ms remaining: 259ms 484: learn: 1.5774953 total: 242ms remaining: 257ms 484: learn: 1.5774953 total: 242ms remaining: 257ms 485: learn: 1.5736906 total: 242ms remaining: 255ms 486: learn: 1.5593508 total: 242ms remaining: 255ms 487: learn: 1.5593508 total: 242ms remaining: 255ms 489: learn: 1.5596592 total: 243ms remaining: 253ms 489: learn: 1.5596592 total: 243ms remaining: 252ms 490: learn: 1.5380394 total: 243ms remaining: 252ms 491: learn: 1.5380394 total: 243ms remaining: 250ms 494: learn: 1.5395164 total: 243ms remaining: 250ms 494: learn: 1.5395164 total: 244ms remaining: 250ms 494: learn: 1.5356474 total: 244ms remaining: 250ms 497: learn: 1.5283000 total: 245ms remaining: 247ms 498: learn: 1.5283000 total: 245ms remaining: 247ms 498: learn: 1.5285166 total: 245ms remaining: 247ms 498: learn: 1.5210560 total: 245ms remaining: 245ms 500: learn: 1.5176179 total: 245ms remaining: 245ms 500: learn: 1.5176179 total: 245ms remaining: 244ms 503: learn: 1.5092818 total: 245ms remaining: 244ms 500: learn: 1.4977801 total: 245ms remaining: 245ms 500: learn: 1.4977801 total: 245ms remaining: 245ms 500: learn: 1.497801 total: 245ms remaining: 245ms 500: learn: 1.490584 total: 245ms remaining: 235ms 500: learn: 1.490586 total: 255ms remaining: 235ms 500: learn: 1.440966 total: 255ms remaining: 235ms 500: learn: 1.4402607 total						_	
478:         learn: 1.5979575         total: 240ms         remaining: 261ms           480:         learn: 1.5936645         total: 241ms         remaining: 260ms           481:         learn: 1.5894103         total: 241ms         remaining: 256ms           482:         learn: 1.5813298         total: 242ms         remaining: 257ms           484:         learn: 1.57736906         total: 242ms         remaining: 257ms           485:         learn: 1.5585129         total: 242ms         remaining: 256ms           486:         learn: 1.5583190         total: 242ms         remaining: 254ms           487:         learn: 1.5593508         total: 242ms         remaining: 254ms           488:         learn: 1.5593508         total: 243ms         remaining: 254ms           489:         learn: 1.5593508         total: 243ms         remaining: 254ms           489:         learn: 1.5340809         total: 243ms         remaining: 254ms           490:         learn: 1.5480359         total: 243ms         remaining: 255ms           491:         learn: 1.5393164         total: 244ms         remaining: 255ms           492:         learn: 1.5280160         total: 244ms         remaining: 25ms           494:         learn: 1.5283000         total: 245ms	476:	learn:	1.6114203	total:	240ms	remaining:	263ms
479:         learn: 1.5936645         total: 241ms         remaining: 261ms           480:         learn: 1.58964103         total: 241ms         remaining: 259ms           482:         learn: 1.5895234         total: 241ms         remaining: 259ms           483:         learn: 1.5813298         total: 242ms         remaining: 257ms           484:         learn: 1.5736906         total: 242ms         remaining: 257ms           485:         learn: 1.553306         total: 242ms         remaining: 255ms           487:         learn: 1.553306         total: 242ms         remaining: 253ms           489:         learn: 1.5556592         total: 243ms         remaining: 253ms           490:         learn: 1.5516774         total: 243ms         remaining: 253ms           491:         learn: 1.5335647         total: 244ms         remaining: 250ms           493:         learn: 1.5356674         total: 244ms         remaining: 250ms           495:         learn: 1.5221133         total: 244ms         remaining: 247ms           495:         learn: 1.522516         total: 245ms         remaining: 247ms           496:         learn: 1.5205560         total: 245ms         remaining: 247ms           498:         learn: 1.5012657         total: 245ms	477:	learn:	1.6073940	total:	240ms	remaining:	262ms
480:         learn: 1.5894615         total: 241ms         remaining: 259ms           481:         learn: 1.5895234         total: 241ms         remaining: 259ms           483:         learn: 1.5813298         total: 242ms         remaining: 259ms           484:         learn: 1.5774953         total: 242ms         remaining: 257ms           485:         learn: 1.5685129         total: 242ms         remaining: 256ms           486:         learn: 1.5593508         total: 242ms         remaining: 253ms           488:         learn: 1.5593508         total: 243ms         remaining: 253ms           489:         learn: 1.5516774         total: 243ms         remaining: 253ms           490:         learn: 1.53403994         total: 244ms         remaining: 253ms           491:         learn: 1.53403994         total: 244ms         remaining: 250ms           494:         learn: 1.53256474         total: 244ms         remaining: 250ms           495:         learn: 1.5243000         total: 244ms         remaining: 249ms           497:         learn: 1.5245216         total: 245ms         remaining: 244ms           498:         learn: 1.52103060         total: 245ms         remaining: 246ms           500:         learn: 1.5092818         total: 245ms	478:	learn:	1.6033988	total:	240ms	remaining:	261ms
481:         learn: 1.5894103         total: 24lms         remaining: 258ms           482:         learn: 1.5813298         total: 24lms         remaining: 257ms           484:         learn: 1.5774953         total: 242ms         remaining: 257ms           485:         learn: 1.5736906         total: 242ms         remaining: 257ms           486:         learn: 1.5685129         total: 242ms         remaining: 255ms           487:         learn: 1.55533906         total: 242ms         remaining: 253ms           489:         learn: 1.55556592         total: 243ms         remaining: 253ms           490:         learn: 1.5480359         total: 243ms         remaining: 253ms           491:         learn: 1.5480359         total: 243ms         remaining: 250ms           493:         learn: 1.53430994         total: 244ms         remaining: 250ms           495:         learn: 1.5321133         total: 244ms         remaining: 240ms           495:         learn: 1.5245216         total: 245ms         remaining: 247ms           496:         learn: 1.5210560         total: 245ms         remaining: 247ms           499:         learn: 1.5129527         total: 245ms         remaining: 244ms           500:         learn: 1.5092818         total: 245ms	479:	learn:	1.5979575	total:	241ms	remaining:	261ms
482:         learn: 1.5845234         total: 241ms         remaining: 257ms           484:         learn: 1.57749953         total: 242ms         remaining: 257ms           485:         learn: 1.5736906         total: 242ms         remaining: 256ms           486:         learn: 1.5683129         total: 242ms         remaining: 255ms           487:         learn: 1.5583508         total: 242ms         remaining: 253ms           488:         learn: 1.5583508         total: 243ms         remaining: 253ms           490:         learn: 1.5516774         total: 243ms         remaining: 251ms           491:         learn: 1.5430994         total: 244ms         remaining: 250ms           493:         learn: 1.5325164         total: 244ms         remaining: 250ms           494:         learn: 1.5321133         total: 244ms         remaining: 250ms           495:         learn: 1.5283000         total: 245ms         remaining: 247ms           496:         learn: 1.5245216         total: 245ms         remaining: 247ms           497:         learn: 1.5176179         total: 245ms         remaining: 247ms           500:         learn: 1.5092818         total: 245ms         remaining: 245ms           501:         learn: 1.4977801         total: 246ms	480:	learn:	1.5936645	total:	241ms	remaining:	260ms
483:         learn: 1.5812298         total: 242ms         remaining: 257ms           484:         learn: 1.5774953         total: 242ms         remaining: 257ms           486:         learn: 1.5685129         total: 242ms         remaining: 255ms           487:         learn: 1.55835908         total: 242ms         remaining: 255ms           488:         learn: 1.5595592         total: 243ms         remaining: 253ms           490:         learn: 1.5586592         total: 243ms         remaining: 253ms           490:         learn: 1.5480359         total: 243ms         remaining: 25ms           491:         learn: 1.5480359         total: 243ms         remaining: 250ms           492:         learn: 1.5395164         total: 244ms         remaining: 250ms           493:         learn: 1.5325133         total: 244ms         remaining: 247ms           495:         learn: 1.5232103         total: 245ms         remaining: 247ms           497:         learn: 1.5210560         total: 245ms         remaining: 247ms           499:         learn: 1.51021950         total: 245ms         remaining: 244ms           500:         learn: 1.5059192         total: 245ms         remaining: 244ms           501:         learn: 1.5013664         total: 246ms				total:	241ms	_	
484:         learn: 1.5774953         total: 242ms         remaining: 257ms           486:         learn: 1.5685129         total: 242ms         remaining: 256ms           487:         learn: 1.5633906         total: 242ms         remaining: 255ms           488:         learn: 1.555393508         total: 243ms         remaining: 253ms           489:         learn: 1.5556592         total: 243ms         remaining: 253ms           490:         learn: 1.5480359         total: 243ms         remaining: 251ms           491:         learn: 1.5395164         total: 244ms         remaining: 250ms           493:         learn: 1.5325133         total: 244ms         remaining: 250ms           494:         learn: 1.5321133         total: 244ms         remaining: 250ms           495:         learn: 1.5283000         total: 245ms         remaining: 247ms           497:         learn: 1.5210560         total: 245ms         remaining: 247ms           498:         learn: 1.5176179         total: 245ms         remaining: 245ms           500:         learn: 1.5059182         total: 245ms         remaining: 245ms           501:         learn: 1.4977801         total: 245ms         remaining: 245ms           502:         learn: 1.4944916         total: 246ms						_	
485:         learn: 1.5736906         total: 242ms         remaining: 255ms           486:         learn: 1.5683190         total: 242ms         remaining: 255ms           488:         learn: 1.5593508         total: 243ms         remaining: 253ms           489:         learn: 1.5556592         total: 243ms         remaining: 253ms           490:         learn: 1.5516774         total: 243ms         remaining: 255ms           491:         learn: 1.5480359         total: 243ms         remaining: 250ms           492:         learn: 1.5395164         total: 244ms         remaining: 250ms           493:         learn: 1.5395647         total: 244ms         remaining: 240ms           494:         learn: 1.5283000         total: 245ms         remaining: 247ms           497:         learn: 1.5245216         total: 245ms         remaining: 247ms           498:         learn: 1.5176179         total: 245ms         remaining: 245ms           499:         learn: 1.5029510         total: 245ms         remaining: 245ms           501:         learn: 1.5092818         total: 245ms         remaining: 245ms           502:         learn: 1.4092818         total: 245ms         remaining: 245ms           503:         learn: 1.4977801         total: 245ms						_	
486: learn: 1.5685129 total: 242ms remaining: 255ms remain: 1.5593508 total: 242ms remaining: 254ms remain: 1.5593508 total: 242ms remaining: 254ms remain: 244ms remain:						_	
487: learn: 1.5633906 total: 242ms remaining: 254ms						_	
488:         learn: 1.5593508         total: 243ms         remaining: 253ms           499:         learn: 1.55166774         total: 243ms         remaining: 253ms           491:         learn: 1.5480359         total: 243ms         remaining: 251ms           492:         learn: 1.5309914         total: 244ms         remaining: 250ms           493:         learn: 1.5395164         total: 244ms         remaining: 250ms           494:         learn: 1.5326474         total: 244ms         remaining: 249ms           495:         learn: 1.5283000         total: 245ms         remaining: 247ms           497:         learn: 1.5245216         total: 245ms         remaining: 246ms           498:         learn: 1.5176179         total: 245ms         remaining: 244ms           500:         learn: 1.5129527         total: 245ms         remaining: 244ms           501:         learn: 1.50599192         total: 246ms         remaining: 244ms           502:         learn: 1.5059192         total: 246ms         remaining: 24ms           503:         learn: 1.4944916         total: 246ms         remaining: 24ms           505:         learn: 1.4944916         total: 247ms         remaining: 24ms           506:         learn: 1.4833295         total: 247ms						_	
489:         learn:         1.5556592         total:         243ms         remaining:         25ms           490:         learn:         1.55460739         total:         243ms         remaining:         25ms           491:         learn:         1.5430994         total:         243ms         remaining:         250ms           493:         learn:         1.5395164         total:         244ms         remaining:         250ms           494:         learn:         1.53856174         total:         244ms         remaining:         250ms           495:         learn:         1.5283000         total:         245ms         remaining:         247ms           497:         learn:         1.5245216         total:         245ms         remaining:         247ms           498:         learn:         1.5176179         total:         245ms         remaining:         246ms           500:         learn:         1.5092818         total:         245ms         remaining:         244ms           501:         learn:         1.5092818         total:         246ms         remaining:         244ms           502:         learn:         1.4944916         total:         246ms         rem						_	
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492:         learn:         1.5395164         total:         244ms         remaining:         250ms           493:         learn:         1.5395164         total:         244ms         remaining:         229ms           495:         learn:         1.53221133         total:         244ms         remaining:         248ms           496:         learn:         1.5283000         total:         245ms         remaining:         247ms           497:         learn:         1.5245216         total:         245ms         remaining:         247ms           498:         learn:         1.5210560         total:         245ms         remaining:         247ms           500:         learn:         1.5129527         total:         245ms         remaining:         245ms           501:         learn:         1.5092818         total:         246ms         remaining:         244ms           502:         learn:         1.50599192         total:         246ms         remaining:         241ms           504:         learn:         1.4977801         total:         246ms         remaining:         241ms           505:         learn:         1.4909584         total:         247ms         r						_	
493:         learn:         1.5395164         total:         244ms         remaining:         229ms           494:         learn:         1.5326474         total:         244ms         remaining:         248ms           496:         learn:         1.5283000         total:         245ms         remaining:         247ms           497:         learn:         1.5210560         total:         245ms         remaining:         247ms           498:         learn:         1.5176179         total:         245ms         remaining:         245ms           500:         learn:         1.5092818         total:         245ms         remaining:         244ms           501:         learn:         1.5059192         total:         246ms         remaining:         243ms           502:         learn:         1.50931654         total:         246ms         remaining:         243ms           504:         learn:         1.4977801         total:         246ms         remaining:         241ms           505:         learn:         1.494916         total:         247ms         remaining:         240ms           507:         learn:         1.4909584         total:         247ms         rem						_	
494: learn: 1.5356474 495: learn: 1.5321133						_	
495:         learn: 1.5321133         total: 244ms         remaining: 248ms           496:         learn: 1.5245216         total: 245ms         remaining: 247ms           497:         learn: 1.5245216         total: 245ms         remaining: 247ms           498:         learn: 1.5210560         total: 245ms         remaining: 246ms           499:         learn: 1.5176179         total: 245ms         remaining: 245ms           500:         learn: 1.5092818         total: 245ms         remaining: 244ms           501:         learn: 1.5092818         total: 246ms         remaining: 243ms           502:         learn: 1.5093654         total: 246ms         remaining: 242ms           503:         learn: 1.4977801         total: 247ms         remaining: 241ms           506:         learn: 1.4909584         total: 247ms         remaining: 240ms           507:         learn: 1.4877153         total: 247ms         remaining: 239ms           508:         learn: 1.4767076         total: 247ms         remaining: 238ms           501:         learn: 1.4785618         total: 248ms         remaining: 237ms           511:         learn: 1.4626366         total: 248ms         remaining: 235ms           514:         learn: 1.4554578         total: 249ms						_	
496:         learn: 1.5283000         total: 245ms         remaining: 247ms           497:         learn: 1.5245216         total: 245ms         remaining: 247ms           498:         learn: 1.5210560         total: 245ms         remaining: 246ms           498:         learn: 1.5176179         total: 245ms         remaining: 245ms           500:         learn: 1.5029818         total: 245ms         remaining: 244ms           501:         learn: 1.5059192         total: 246ms         remaining: 244ms           502:         learn: 1.5013654         total: 246ms         remaining: 241ms           503:         learn: 1.4977801         total: 247ms         remaining: 241ms           504:         learn: 1.4994916         total: 247ms         remaining: 241ms           506:         learn: 1.4877153         total: 247ms         remaining: 239ms           507:         learn: 1.4798789         total: 247ms         remaining: 238ms           509:         learn: 1.4798789         total: 248ms         remaining: 238ms           510:         learn: 1.4693083         total: 248ms         remaining: 236ms           512:         learn: 1.4693666         total: 249ms         remaining: 234ms           513:         learn: 1.4554578         total: 249ms						_	
497:         learn:         1.5245216         total:         245ms         remaining:         246ms           498:         learn:         1.5210560         total:         245ms         remaining:         246ms           499:         learn:         1.5176179         total:         245ms         remaining:         245ms           500:         learn:         1.5092818         total:         246ms         remaining:         244ms           501:         learn:         1.5013654         total:         246ms         remaining:         243ms           503:         learn:         1.497801         total:         246ms         remaining:         242ms           504:         learn:         1.494916         total:         247ms         remaining:         241ms           505:         learn:         1.4949916         total:         247ms         remaining:         240ms           507:         learn:         1.4877153         total:         247ms         remaining:         239ms           508:         learn:         1.4798789         total:         247ms         remaining:         238ms           509:         learn:         1.4767076         total:         248ms         remai						_	
498:         learn:         1.5210560         total:         245ms         remaining:         245ms           499:         learn:         1.5176179         total:         245ms         remaining:         245ms           500:         learn:         1.5129527         total:         245ms         remaining:         244ms           501:         learn:         1.5092818         total:         246ms         remaining:         242ms           502:         learn:         1.5013654         total:         246ms         remaining:         242ms           504:         learn:         1.4977801         total:         247ms         remaining:         241ms           505:         learn:         1.4904916         total:         247ms         remaining:         240ms           507:         learn:         1.4877153         total:         247ms         remaining:         230ms           507:         learn:         1.4798789         total:         247ms         remaining:         238ms           509:         learn:         1.47687076         total:         247ms         remaining:         236ms           511:         learn:         1.4653668         total:         248ms         re						_	
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501:         learn:         1.5092818         total:         246ms         remaining:         244ms           502:         learn:         1.5059192         total:         246ms         remaining:         243ms           503:         learn:         1.4977801         total:         246ms         remaining:         241ms           504:         learn:         1.4977801         total:         246ms         remaining:         241ms           505:         learn:         1.4909584         total:         247ms         remaining:         240ms           507:         learn:         1.4833295         total:         247ms         remaining:         239ms           508:         learn:         1.47878789         total:         247ms         remaining:         238ms           509:         learn:         1.4767076         total:         248ms         remaining:         237ms           511:         learn:         1.4659568         total:         248ms         remaining:         236ms           512:         learn:         1.4659569         total:         249ms         remaining:         233ms           513:         learn:         1.45595787         total:         249ms         r	499:	learn:	1.5176179	total:	245ms	remaining:	245ms
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506:         learn:         1.4909584         total:         247ms         remaining:         240ms           507:         learn:         1.4877153         total:         247ms         remaining:         239ms           508:         learn:         1.4833295         total:         247ms         remaining:         238ms           509:         learn:         1.4798789         total:         247ms         remaining:         238ms           510:         learn:         1.4767076         total:         248ms         remaining:         237ms           511:         learn:         1.4693083         total:         248ms         remaining:         236ms           512:         learn:         1.4693083         total:         248ms         remaining:         236ms           513:         learn:         1.4659569         total:         249ms         remaining:         236ms           514:         learn:         1.4595787         total:         249ms         remaining:         233ms           515:         learn:         1.4554578         total:         249ms         remaining:         233ms           517:         learn:         1.4492260         total:         250ms         rem							
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509:         learn:         1.4798789         total:         247ms         remaining:         238ms           510:         learn:         1.4767076         total:         248ms         remaining:         237ms           511:         learn:         1.4735618         total:         248ms         remaining:         236ms           512:         learn:         1.4693083         total:         248ms         remaining:         235ms           513:         learn:         1.4659569         total:         249ms         remaining:         235ms           514:         learn:         1.45295787         total:         249ms         remaining:         233ms           515:         learn:         1.4554578         total:         249ms         remaining:         233ms           516:         learn:         1.4522157         total:         249ms         remaining:         233ms           517:         learn:         1.44522157         total:         249ms         remaining:         231ms           518:         learn:         1.4462607         total:         250ms         remaining:         231ms           520:         learn:         1.4430836         total:         250ms         r						_	
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		learn:	1.3990930	total:	253ms	remaining:	220ms

535:         learn: 1.3936666         total: 254ms         remaining: 219ms           536:         learn: 1.3910665         total: 254ms         remaining: 218ms           538:         learn: 1.3820460         total: 254ms         remaining: 217ms           539:         learn: 1.3823251         total: 255ms         remaining: 217ms           540:         learn: 1.3784931         total: 255ms         remaining: 215ms           541:         learn: 1.3774469         total: 255ms         remaining: 215ms           542:         learn: 1.3711646         total: 255ms         remaining: 213ms           544:         learn: 1.3664661         total: 256ms         remaining: 217ms           545:         learn: 1.3664661         total: 256ms         remaining: 217ms           548:         learn: 1.3564661         total: 256ms         remaining: 217ms           549:         learn: 1.3564661         total: 256ms         remaining: 207ms           551:         learn: 1.3564661         total: 256ms         remaining: 207ms           551:         learn: 1.3576044         total: 257ms         remaining: 207ms           552:         learn: 1.347174         total: 257ms         remaining: 207ms           554:         learn: 1.3472814         total: 258ms	535:	loarn	1 306/616	+0+21.	253mc	romaining:	210mc
538:         learn:         1.3810465         total:         254ms         remaining:         217ms           539:         learn:         1.3823251         total:         254ms         remaining:         217ms           540:         learn:         1.3823251         total:         255ms         remaining:         216ms           541:         learn:         1.3778469         total:         255ms         remaining:         216ms           542:         learn:         1.36746469         total:         255ms         remaining:         216ms           543:         learn:         1.3687226         total:         256ms         remaining:         21ms           546:         learn:         1.3687226         total:         256ms         remaining:         21ms           547:         learn:         1.3694661         total:         256ms         remaining:         21ms           548:         learn:         1.35694661         total:         257ms         remaining:         20ms           550:         learn:         1.354941         total:         257ms         remaining:         20ms           551:         learn:         1.3446878         total:         258ms         remaini						=	
538:         learn:         1.3880440         total:         254ms         remaining:         217ms           540:         learn:         1.3823251         total:         255ms         remaining:         217ms           541:         learn:         1.3784469         total:         255ms         remaining:         215ms           543:         learn:         1.3784469         total:         255ms         remaining:         214ms           544:         learn:         1.364610         total:         256ms         remaining:         21ms           546:         learn:         1.3629007         total:         256ms         remaining:         21ms           548:         learn:         1.3629007         total:         255ms         remaining:         21ms           548:         learn:         1.356146         total:         255ms         remaining:         21ms           550:         learn:         1.3549941         total:         257ms         remaining:         20ms           551:         learn:         1.354687         total:         25ms         remaining:         20ms           551:         learn:         1.3446878         total:         25ms         remaining: <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>						_	
539:         learn: 1.3823251         total: 255ms remaining: 215ms           540:         learn: 1.3789391         total: 255ms remaining: 215ms           541:         learn: 1.3789391         total: 255ms remaining: 215ms           542:         learn: 1.3737932         total: 255ms remaining: 215ms           544:         learn: 1.3711646         total: 255ms remaining: 213ms           546:         learn: 1.3667226         total: 256ms remaining: 213ms           546:         learn: 1.360907         total: 256ms remaining: 212ms           547:         learn: 1.350146         total: 256ms remaining: 21ms           549:         learn: 1.350146         total: 256ms remaining: 21ms           549:         learn: 1.350146         total: 257ms remaining: 209ms           550:         learn: 1.3549941         total: 257ms remaining: 209ms           551:         learn: 1.3471174         total: 257ms remaining: 207ms           553:         learn: 1.3471174         total: 258ms remaining: 207ms           554:         learn: 1.3440362         total: 258ms remaining: 207ms           555:         learn: 1.3370604         total: 258ms remaining: 205ms           556:         learn: 1.3348393         total: 259ms remaining: 204ms           560:         learn: 1.3374625         total: 259ms remainin							
540:         learn: 1.3783931         total: 255ms remaining: 215ms           541:         learn: 1.37864469         total: 255ms remaining: 215ms           543:         learn: 1.3737932         total: 255ms remaining: 214ms           544:         learn: 1.36461         total: 255ms remaining: 214ms           546:         learn: 1.362907         total: 256ms remaining: 213ms           546:         learn: 1.3629007         total: 256ms remaining: 211ms           548:         learn: 1.356146         total: 256ms remaining: 211ms           549:         learn: 1.3581486         total: 257ms remaining: 209ms           550:         learn: 1.3549941         total: 257ms remaining: 209ms           551:         learn: 1.3551927         total: 257ms remaining: 208ms           552:         learn: 1.3471174         total: 257ms remaining: 208ms           553:         learn: 1.347214         total: 258ms remaining: 208ms           555:         learn: 1.3370604         total: 258ms remaining: 208ms           556:         learn: 1.3370604         total: 259ms remaining: 205ms           559:         learn: 1.3325188         total: 259ms remaining: 205ms           560:         learn: 1.3221339         total: 259ms remaining: 201ms           561:         learn: 1.368260         total: 259ms remaini						_	
541:         learn: 1.3784991         total: 255ms         remaining: 215ms           542:         learn: 1.3737932         total: 255ms         remaining: 214ms           544:         learn: 1.3731646         total: 255ms         remaining: 214ms           545:         learn: 1.3654661         total: 256ms         remaining: 212ms           546:         learn: 1.3654661         total: 256ms         remaining: 212ms           548:         learn: 1.3654661         total: 256ms         remaining: 211ms           549:         learn: 1.3581486         total: 257ms         remaining: 20ms           550:         learn: 1.3459941         total: 257ms         remaining: 209ms           551:         learn: 1.3469873         total: 257ms         remaining: 209ms           551:         learn: 1.3471174         total: 258ms         remaining: 207ms           554:         learn: 1.3446878         total: 258ms         remaining: 20fms           555:         learn: 1.3400362         total: 258ms         remaining: 20fms           557:         learn: 1.33408383         total: 259ms         remaining: 20fms           558:         learn: 1.3325188         total: 259ms         remaining: 20ms           560:         learn: 1.3274625         total: 260ms						_	
542:         learn: 1.3736469         total: 255ms         remaining: 214ms           544:         learn: 1.3711646         total: 255ms         remaining: 214ms           545:         learn: 1.3687426         total: 255ms         remaining: 215ms           546:         learn: 1.3654661         total: 256ms         remaining: 212ms           547:         learn: 1.3629007         total: 256ms         remaining: 211ms           548:         learn: 1.3581486         total: 257ms         remaining: 210ms           550:         learn: 1.3549941         total: 257ms         remaining: 209ms           551:         learn: 1.3501927         total: 257ms         remaining: 207ms           552:         learn: 1.3446878         total: 257ms         remaining: 207ms           553:         learn: 1.3442814         total: 258ms         remaining: 207ms           555:         learn: 1.3442814         total: 258ms         remaining: 207ms           557:         learn: 1.3370604         total: 259ms         remaining: 207ms           558:         learn: 1.3325188         total: 259ms         remaining: 204ms           560:         learn: 1.3251839         total: 259ms         remaining: 204ms           561:         learn: 1.3274625         total: 260ms						=	
544:         learn: 1.3737932         total: 255ms         remaining: 213ms           545:         learn: 1.3687226         total: 256ms         remaining: 213ms           546:         learn: 1.3687266         total: 256ms         remaining: 212ms           546:         learn: 1.36826061         total: 256ms         remaining: 211ms           548:         learn: 1.3605146         total: 257ms         remaining: 210ms           550:         learn: 1.3549941         total: 257ms         remaining: 209ms           551:         learn: 1.3545044         total: 257ms         remaining: 209ms           552:         learn: 1.3471174         total: 257ms         remaining: 207ms           553:         learn: 1.3446878         total: 258ms         remaining: 207ms           555:         learn: 1.3400362         total: 258ms         remaining: 205ms           556:         learn: 1.3340364         total: 258ms         remaining: 205ms           557:         learn: 1.3348339         total: 258ms         remaining: 205ms           559:         learn: 1.3348481         total: 258ms         remaining: 205ms           560:         learn: 1.3374625         total: 259ms         remaining: 205ms           561:         learn: 1.3229134         total: 260ms						=	
544:         learn: 1.3711646         total: 256ms         remaining: 213ms           546:         learn: 1.3654661         total: 256ms         remaining: 212ms           547:         learn: 1.3659007         total: 256ms         remaining: 211ms           548:         learn: 1.365146         total: 256ms         remaining: 210ms           548:         learn: 1.3581486         total: 257ms         remaining: 200ms           550:         learn: 1.3549941         total: 257ms         remaining: 209ms           551:         learn: 1.3501927         total: 257ms         remaining: 207ms           552:         learn: 1.3446878         total: 258ms         remaining: 207ms           554:         learn: 1.3446878         total: 258ms         remaining: 207ms           555:         learn: 1.3442814         total: 258ms         remaining: 205ms           556:         learn: 1.33748539         total: 258ms         remaining: 205ms           557:         learn: 1.3242814         total: 258ms         remaining: 205ms           559:         learn: 1.325188         total: 259ms         remaining: 205ms           560:         learn: 1.325184         total: 259ms         remaining: 201ms           561:         learn: 1.325184         total: 259ms						=	
546:         learn: 1,3687226         total: 256ms         remaining: 212ms           546:         learn: 1,3629007         total: 256ms         remaining: 211ms           548:         learn: 1,3605146         total: 256ms         remaining: 211ms           548:         learn: 1,3505146         total: 257ms         remaining: 20ms           550:         learn: 1,3549941         total: 257ms         remaining: 209ms           551:         learn: 1,3549941         total: 257ms         remaining: 209ms           552:         learn: 1,345114         total: 257ms         remaining: 208ms           553:         learn: 1,3471174         total: 258ms         remaining: 207ms           554:         learn: 1,3400362         total: 258ms         remaining: 205ms           557:         learn: 1,3400362         total: 258ms         remaining: 205ms           558:         learn: 1,337604         total: 259ms         remaining: 205ms           559:         learn: 1,3325188         total: 259ms         remaining: 205ms           560:         learn: 1,3274625         total: 260ms         remaining: 201ms           561:         learn: 1,322818         total: 260ms         remaining: 201ms           562:         learn: 1,318721         total: 260ms						=	
546:         learn: 1.3654661         total: 256ms         remaining: 212ms           547:         learn: 1.3605146         total: 256ms         remaining: 211ms           548:         learn: 1.3581486         total: 257ms         remaining: 210ms           550:         learn: 1.3581486         total: 257ms         remaining: 209ms           551:         learn: 1.3525044         total: 257ms         remaining: 209ms           552:         learn: 1.3471174         total: 257ms         remaining: 207ms           553:         learn: 1.3446878         total: 258ms         remaining: 207ms           554:         learn: 1.3400362         total: 258ms         remaining: 205ms           557:         learn: 1.3370604         total: 259ms         remaining: 205ms           558:         learn: 1.3325188         total: 259ms         remaining: 204ms           560:         learn: 1.3325441         total: 259ms         remaining: 204ms           561:         learn: 1.3325188         total: 259ms         remaining: 204ms           561:         learn: 1.3251839         total: 259ms         remaining: 207ms           562:         learn: 1.3274625         total: 260ms         remaining: 202ms           563:         learn: 1.3274625         total: 260ms						=	
548:         learn: 1.3605146         total: 25fms         remaining: 210ms           550:         learn: 1.35249941         total: 25fms         remaining: 20bms           551:         learn: 1.3525044         total: 25fms         remaining: 20bms           552:         learn: 1.3471174         total: 25fms         remaining: 20bms           553:         learn: 1.3446878         total: 25fms         remaining: 20fms           556:         learn: 1.3400362         total: 258ms         remaining: 20fms           557:         learn: 1.3370604         total: 258ms         remaining: 20fms           558:         learn: 1.3370604         total: 259ms         remaining: 20fms           559:         learn: 1.3325188         total: 259ms         remaining: 20fms           560:         learn: 1.3274625         total: 259ms         remaining: 20fms           561:         learn: 1.3251839         total: 259ms         remaining: 20fms           562:         learn: 1.3229274         total: 260ms         remaining: 20fms           563:         learn: 1.3187221         total: 260ms         remaining: 20fms           564:         learn: 1.3187221         total: 261ms         remaining: 20ms           566:         learn: 1.3195425         total: 261ms	546:					_	
549:         learn: 1.3549941         total: 257ms         remaining: 209ms           550:         learn: 1.3549941         total: 257ms         remaining: 209ms           551:         learn: 1.35259044         total: 257ms         remaining: 209ms           552:         learn: 1.340174         total: 257ms         remaining: 207ms           553:         learn: 1.3446878         total: 258ms         remaining: 207ms           555:         learn: 1.3400362         total: 258ms         remaining: 205ms           556:         learn: 1.3370604         total: 258ms         remaining: 205ms           557:         learn: 1.33425183         total: 259ms         remaining: 205ms           558:         learn: 1.3325183         total: 259ms         remaining: 205ms           560:         learn: 1.3274625         total: 259ms         remaining: 203ms           561:         learn: 1.3228183         total: 260ms         remaining: 201ms           562:         learn: 1.3228185         total: 260ms         remaining: 201ms           564:         learn: 1.318721         total: 260ms         remaining: 201ms           566:         learn: 1.318722         total: 261ms         remaining: 201ms           567:         learn: 1.310458         total: 261ms	547:	learn:	1.3629007	total:	256ms	remaining:	211ms
S50:   learn: 1.3549941	548:	learn:	1.3605146	total:	256ms	remaining:	211ms
551:         learn: 1.3525044         total: 257ms         remaining: 209ms           552:         learn: 1.3501927         total: 257ms         remaining: 207ms           553:         learn: 1.3446878         total: 258ms         remaining: 207ms           556:         learn: 1.3446878         total: 258ms         remaining: 205ms           557:         learn: 1.3400362         total: 258ms         remaining: 205ms           558:         learn: 1.3370604         total: 258ms         remaining: 205ms           559:         learn: 1.3325188         total: 259ms         remaining: 205ms           560:         learn: 1.3232441         total: 259ms         remaining: 205ms           561:         learn: 1.3274625         total: 259ms         remaining: 205ms           561:         learn: 1.3228274         total: 260ms         remaining: 201ms           564:         learn: 1.3187221         total: 261ms         remaining: 200ms           566:         learn: 1.317630         total: 261ms         remaining: 199ms           567:         learn: 1.3187621         total: 261ms         remaining: 200ms           566:         learn: 1.317630         total: 261ms         remaining: 199ms           567:         learn: 1.3068826         total: 261ms	549:	learn:	1.3581486	total:	257ms	remaining:	210ms
S52: learn: 1.3501927	550:	learn:	1.3549941	total:	257ms	remaining:	209ms
553:         learn: 1.3441174         total: 257ms         remaining: 207ms           554:         learn: 1.3426814         total: 258ms         remaining: 207ms           556:         learn: 1.3400362         total: 258ms         remaining: 205ms           557:         learn: 1.3340539         total: 258ms         remaining: 205ms           558:         learn: 1.33325188         total: 259ms         remaining: 203ms           560:         learn: 1.3274625         total: 259ms         remaining: 203ms           561:         learn: 1.32251839         total: 259ms         remaining: 203ms           562:         learn: 1.3208156         total: 260ms         remaining: 201ms           564:         learn: 1.3208156         total: 260ms         remaining: 201ms           565:         learn: 1.3187221         total: 261ms         remaining: 200ms           566:         learn: 1.3187630         total: 261ms         remaining: 199ms           567:         learn: 1.310458         total: 261ms         remaining: 199ms           568:         learn: 1.3088926         total: 261ms         remaining: 199ms           569:         learn: 1.3068826         total: 262ms         remaining: 199ms           570:         learn: 1.3021387         total: 262ms	551:	learn:	1.3525044	total:	257ms	remaining:	209ms
S54: learn: 1.3446878	552:	learn:	1.3501927	total:	257ms	remaining:	208ms
555:         learn: 1.3422814         total: 258ms         remaining: 205ms           556:         learn: 1.3300604         total: 258ms         remaining: 205ms           558:         learn: 1.3370604         total: 259ms         remaining: 204ms           559:         learn: 1.33084539         total: 259ms         remaining: 203ms           560:         learn: 1.3204625         total: 259ms         remaining: 202ms           561:         learn: 1.3251839         total: 260ms         remaining: 201ms           562:         learn: 1.3229274         total: 260ms         remaining: 200ms           563:         learn: 1.3281866         total: 260ms         remaining: 200ms           565:         learn: 1.3187621         total: 261ms         remaining: 190ms           566:         learn: 1.3159525         total: 261ms         remaining: 199ms           567:         learn: 1.33088976         total: 261ms         remaining: 199ms           568:         learn: 1.3088976         total: 262ms         remaining: 199ms           570:         learn: 1.3042347         total: 262ms         remaining: 199ms           571:         learn: 1.2001706         total: 262ms         remaining: 199ms           572:         learn: 1.2936229         total: 262ms	553:	learn:	1.3471174			remaining:	207ms
556:         learn:         1.3400362         total:         258ms         remaining:         205ms           557:         learn:         1.3370604         total:         258ms         remaining:         205ms           558:         learn:         1.3348539         total:         259ms         remaining:         203ms           560:         learn:         1.3203441         total:         259ms         remaining:         203ms           561:         learn:         1.3204625         total:         250ms         remaining:         201ms           562:         learn:         1.3229874         total:         260ms         remaining:         201ms           563:         learn:         1.3228156         total:         260ms         remaining:         201ms           564:         learn:         1.3159525         total:         261ms         remaining:         190ms           566:         learn:         1.317630         total:         261ms         remaining:         199ms           567:         learn:         1.3088976         total:         262ms         remaining:         199ms           570:         learn:         1.3062347         total:         262ms         rema	554:	learn:	1.3446878			remaining:	207ms
557:         learn:         1.3340604         total:         258ms         remaining:         205ms           558:         learn:         1.3348539         total:         259ms         remaining:         203ms           560:         learn:         1.3303441         total:         259ms         remaining:         203ms           561:         learn:         1.3274625         total:         260ms         remaining:         201ms           562:         learn:         1.3229274         total:         260ms         remaining:         201ms           563:         learn:         1.3229274         total:         260ms         remaining:         200ms           565:         learn:         1.3159525         total:         261ms         remaining:         200ms           567:         learn:         1.3110458         total:         261ms         remaining:         199ms           567:         learn:         1.3068826         total:         262ms         remaining:         199ms           567:         learn:         1.3068826         total:         262ms         remaining:         197ms           570:         learn:         1.3021387         total:         262ms         rem						_	
558:         learn:         1.3348539         total:         259ms         remaining:         204ms           559:         learn:         1.3325188         total:         259ms         remaining:         203ms           561:         learn:         1.3274625         total:         259ms         remaining:         202ms           562:         learn:         1.3229274         total:         260ms         remaining:         201ms           563:         learn:         1.32298156         total:         260ms         remaining:         201ms           565:         learn:         1.3187221         total:         261ms         remaining:         200ms           566:         learn:         1.3159525         total:         261ms         remaining:         199ms           567:         learn:         1.3159525         total:         261ms         remaining:         199ms           568:         learn:         1.3088976         total:         261ms         remaining:         199ms           570:         learn:         1.308826         total:         262ms         remaining:         197ms           571:         learn:         1.3001387         total:         262ms         rem						_	
559:         learn:         1.3325188         total:         259ms         remaining:         203ms           560:         learn:         1.33274625         total:         259ms         remaining:         202ms           562:         learn:         1.3251839         total:         260ms         remaining:         201ms           563:         learn:         1.3229274         total:         260ms         remaining:         200ms           564:         learn:         1.3187221         total:         261ms         remaining:         200ms           566:         learn:         1.3159525         total:         261ms         remaining:         199ms           567:         learn:         1.3137630         total:         261ms         remaining:         199ms           568:         learn:         1.3048876         total:         262ms         remaining:         199ms           570:         learn:         1.3068826         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         263ms         remaining:         196ms           572:         learn:         1.2981066         total:         263ms         re						_	
560:         learn:         1.3303441         total:         259ms         remaining:         203ms           561:         learn:         1.3274625         total:         259ms         remaining:         201ms           562:         learn:         1.3251839         total:         260ms         remaining:         201ms           563:         learn:         1.3229274         total:         260ms         remaining:         200ms           564:         learn:         1.3187221         total:         261ms         remaining:         200ms           565:         learn:         1.3187221         total:         261ms         remaining:         199ms           566:         learn:         1.3137630         total:         261ms         remaining:         199ms           567:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3068826         total:         262ms         remaining:         197ms           571:         learn:         1.3021387         total:         262ms         remaining:         197ms           572:         learn:         1.2981066         total:         263ms         rem						_	
561:         learn:         1.3274625         total:         259ms         remaining:         202ms           562:         learn:         1.3251839         total:         260ms         remaining:         201ms           563:         learn:         1.3208156         total:         260ms         remaining:         200ms           565:         learn:         1.3187221         total:         261ms         remaining:         290ms           566:         learn:         1.3187630         total:         261ms         remaining:         199ms           568:         learn:         1.310458         total:         261ms         remaining:         199ms           569:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.304347         total:         262ms         remaining:         196ms           571:         learn:         1.3021387         total:         262ms         remaining:         196ms           572:         learn:         1.2981066         total:         263ms         remaining:         196ms           573:         learn:         1.2981066         total:         263ms         remai						=	
562:         learn: 1.3251839         total: 260ms         remaining: 201ms           563:         learn: 1.3229274         total: 260ms         remaining: 200ms           564:         learn: 1.3187221         total: 260ms         remaining: 200ms           566:         learn: 1.3159525         total: 261ms         remaining: 199ms           567:         learn: 1.3110458         total: 261ms         remaining: 199ms           568:         learn: 1.3088976         total: 262ms         remaining: 197ms           570:         learn: 1.3068826         total: 262ms         remaining: 197ms           571:         learn: 1.3021387         total: 262ms         remaining: 197ms           571:         learn: 1.3021387         total: 262ms         remaining: 196ms           572:         learn: 1.3001706         total: 263ms         remaining: 195ms           574:         learn: 1.2981066         total: 263ms         remaining: 194ms           575:         learn: 1.2936229         total: 263ms         remaining: 192ms           577:         learn: 1.2870603         total: 264ms         remaining: 192ms           578:         learn: 1.2872360         total: 264ms         remaining: 192ms           579:         learn: 1.2872716         total: 264ms						=	
563:         learn:         1.3229274         total:         260ms         remaining:         200ms           564:         learn:         1.3208156         total:         260ms         remaining:         200ms           565:         learn:         1.3187221         total:         261ms         remaining:         199ms           566:         learn:         1.3137630         total:         261ms         remaining:         199ms           567:         learn:         1.310458         total:         261ms         remaining:         199ms           568:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3042347         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         262ms         remaining:         196ms           572:         learn:         1.2981066         total:         263ms         remaining:         195ms           573:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.2936229         total:         263ms         rema						=	
564:         learn:         1.3208156         total:         260ms         remaining:         200ms           565:         learn:         1.3187221         total:         261ms         remaining:         200ms           566:         learn:         1.3159525         total:         261ms         remaining:         199ms           567:         learn:         1.310458         total:         261ms         remaining:         199ms           568:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.308826         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         262ms         remaining:         197ms           571:         learn:         1.3021387         total:         262ms         remaining:         197ms           572:         learn:         1.2301387         total:         263ms         remaining:         196ms           573:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.2916093         total:         263ms         remai						=	
565:         learn:         1.3187221         total:         261ms         remaining:         200ms           566:         learn:         1.3159525         total:         261ms         remaining:         199ms           567:         learn:         1.3137630         total:         261ms         remaining:         199ms           568:         learn:         1.310458         total:         261ms         remaining:         199ms           569:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3042347         total:         262ms         remaining:         197ms           571:         learn:         1.3001706         total:         262ms         remaining:         196ms           572:         learn:         1.2981066         total:         263ms         remaining:         196ms           574:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.2916072         total:         263ms         remaining:         194ms           576:         learn:         1.2872360         total:         264ms         rema						=	
566:         learn:         1.3157630         total:         261ms         remaining:         199ms           567:         learn:         1.3137630         total:         261ms         remaining:         199ms           568:         learn:         1.3088976         total:         261ms         remaining:         197ms           569:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3042347         total:         262ms         remaining:         197ms           571:         learn:         1.3021387         total:         262ms         remaining:         196ms           572:         learn:         1.3021387         total:         262ms         remaining:         196ms           573:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.29961672         total:         263ms         remaining:         194ms           576:         learn:         1.2936229         total:         263ms         remaining:         194ms           577:         learn:         1.2897151         total:         264ms         re						=	
567:         learn:         1.3137630         total:         261ms         remaining:         199ms           568:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3068826         total:         262ms         remaining:         197ms           570:         learn:         1.3042347         total:         262ms         remaining:         196ms           571:         learn:         1.3021387         total:         263ms         remaining:         196ms           573:         learn:         1.3001706         total:         263ms         remaining:         196ms           573:         learn:         1.2981066         total:         263ms         remaining:         196ms           575:         learn:         1.29916072         total:         263ms         remaining:         194ms           576:         learn:         1.2916093         total:         263ms         remaining:         193ms           577:         learn:         1.2897151         total:         264ms         remaining:         192ms           578:         learn:         1.2872360         total:         264ms         re						=	
568:         learn:         1.3110458         total:         261ms         remaining:         198ms           569:         learn:         1.3068826         total:         262ms         remaining:         197ms           570:         learn:         1.3042347         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         262ms         remaining:         196ms           572:         learn:         1.3001706         total:         263ms         remaining:         196ms           573:         learn:         1.2981066         total:         263ms         remaining:         195ms           574:         learn:         1.2916072         total:         263ms         remaining:         194ms           575:         learn:         1.2916093         total:         263ms         remaining:         192ms           577:         learn:         1.2897250         total:         264ms         remaining:         192ms           578:         learn:         1.2872360         total:         264ms         remaining:         192ms           579:         learn:         1.2882216         total:         264ms         rem						=	
569:         learn:         1.3088976         total:         262ms         remaining:         197ms           570:         learn:         1.3068826         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         262ms         remaining:         196ms           572:         learn:         1.3001706         total:         263ms         remaining:         195ms           573:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.29916072         total:         263ms         remaining:         194ms           576:         learn:         1.2936229         total:         263ms         remaining:         194ms           576:         learn:         1.2896093         total:         264ms         remaining:         192ms           577:         learn:         1.2872360         total:         264ms         remaining:         192ms           578:         learn:         1.2872360         total:         264ms         remaining:         190ms           581:         learn:         1.2834216         total:         264ms         re						=	
570:         learn:         1.3068826         total:         262ms         remaining:         197ms           571:         learn:         1.3042347         total:         262ms         remaining:         196ms           572:         learn:         1.3021387         total:         262ms         remaining:         196ms           573:         learn:         1.2081066         total:         263ms         remaining:         194ms           575:         learn:         1.2961672         total:         263ms         remaining:         194ms           576:         learn:         1.2936229         total:         263ms         remaining:         193ms           577:         learn:         1.2987151         total:         264ms         remaining:         192ms           578:         learn:         1.2872360         total:         264ms         remaining:         190ms           580:         learn:         1.2872360         total:         264ms         remaining:         190ms           581:         learn:         1.2810062         total:         264ms         remaining:         190ms           582:         learn:         1.2790897         total:         265ms         rem						=	
571:         learn:         1.3042347         total:         262ms         remaining:         196ms           572:         learn:         1.3021387         total:         262ms         remaining:         196ms           573:         learn:         1.3001706         total:         263ms         remaining:         195ms           574:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.2936229         total:         263ms         remaining:         194ms           576:         learn:         1.2916093         total:         263ms         remaining:         193ms           577:         learn:         1.2897151         total:         264ms         remaining:         192ms           578:         learn:         1.2872360         total:         264ms         remaining:         190ms           580:         learn:         1.2810062         total:         264ms         remaining:         190ms           581:         learn:         1.2783061         total:         265ms         remaining:         189ms           582:         learn:         1.2749297         total:         265ms         rem						=	
572:         learn:         1.3021387         total:         262ms         remaining:         196ms           573:         learn:         1.3001706         total:         263ms         remaining:         195ms           574:         learn:         1.2981066         total:         263ms         remaining:         194ms           575:         learn:         1.2936229         total:         263ms         remaining:         194ms           576:         learn:         1.2916093         total:         263ms         remaining:         193ms           577:         learn:         1.2897151         total:         264ms         remaining:         192ms           579:         learn:         1.2872360         total:         264ms         remaining:         190ms           580:         learn:         1.2852716         total:         264ms         remaining:         190ms           581:         learn:         1.2810062         total:         265ms         remaining:         190ms           582:         learn:         1.2772830         total:         265ms         remaining:         189ms           584:         learn:         1.2749297         total:         265ms         rem						=	
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599: learn: 1.2496144 total: 269ms remaining: 179ms						=	
						=	
		learn:	1.2480146	total:	269ms	_	178ms

601:	loarn	1.2463594	total:	260mc	remaining:	179mc
602:		1.2447832	total:		remaining:	177ms
603:		1.2431537	total:		remaining:	177ms
604:		1.2431337	total:		remaining:	176ms
605:		1.2399964	total:		remaining:	176ms
606:		1.2384665	total:		remaining:	175ms
607:	learn:	1.2368870	total:		remaining:	174ms
608:	learn:	1.2353797	total:		remaining:	174ms
609:	learn:	1.2338247	total:		remaining:	173ms
610:	learn:	1.2323396	total:		remaining:	173ms
611:	learn:	1.2308088	total:		remaining:	172ms
612:	learn:	1.2288975	total:	272ms	remaining:	172ms
613:	learn:	1.2274475	total:	272ms	remaining:	171ms
614:	learn:	1.2259545	total:	272ms	remaining:	170ms
615:	learn:	1.2244764	total:	273ms	remaining:	170ms
616:	learn:	1.2230562	total:	273ms	remaining:	169ms
617:	learn:	1.2216011	total:	273ms	remaining:	169ms
618:	learn:	1.2202020	total:	273ms	remaining:	168ms
619:	learn:	1.2187694	total:	274ms	remaining:	168ms
620:	learn:	1.2173910	total:	274ms	remaining:	167ms
621:		1.2159807	total:	274ms	remaining:	167ms
622:		1.2146228	total:	274ms	remaining:	166ms
623:		1.2132344	total:		remaining:	165ms
624:		1.2114901	total:		remaining:	165ms
625:		1.2101286	total:		remaining:	164ms
626:		1.2088105	total:		remaining:	164ms
627 <b>:</b>		1.2074701	total:		remaining:	163ms
628:		1.2061716	total:		remaining:	163ms
629:		1.2048521	total:		remaining:	162ms
630:	learn:	1.2035728	total:		remaining:	162ms
631:	learn:	1.2022739	total:		remaining:	161ms
632:	learn:	1.2010135	total:		remaining:	161ms
633:		1.1993869	total:		remaining:	160ms
634:		1.1979144	total:		remaining:	159ms
635:	learn:	1.1966854	total:		remaining:	159ms
636:	learn:	1.1954383 1.1942276	total:		<pre>remaining: remaining:</pre>	158ms 158ms
637:	learn:	1.1942276	total: total:	278ms	_	
638: 639:	learn: learn:	1.1928003	total:		<pre>remaining: remaining:</pre>	157ms 157ms
640:	learn:	1.1910089	total:		remaining:	157ms
641:	learn:	1.1892265	total:		remaining:	156ms
642:	learn:	1.1880636	total:		remaining:	155ms
643:	learn:	1.1868805	total:		remaining:	155ms
644:	learn:	1.1857093	total:		remaining:	154ms
645:	learn:	1.1845702	total:		remaining:	153ms
646:	learn:	1.1832259	total:		remaining:	153ms
647:	learn:	1.1821051	total:		remaining:	152ms
648:	learn:	1.1809945	total:		remaining:	152ms
649:	learn:	1.1798658	total:		remaining:	151ms
650:	learn:	1.1787718	total:		remaining:	151ms
651 <b>:</b>	learn:	1.1776607	total:		remaining:	150ms
652 <b>:</b>	learn:	1.1765609	total:	282ms	remaining:	150ms
653 <b>:</b>	learn:	1.1754893	total:	282ms	remaining:	149ms
654:	learn:	1.1744066	total:	282ms	remaining:	149ms
655:	learn:	1.1733509	total:	282ms	remaining:	148ms
656:	learn:	1.1721028	total:	282ms	remaining:	147ms
657 <b>:</b>	learn:	1.1710641	total:	283ms	remaining:	147ms
658:	learn:	1.1700148	total:	283ms	remaining:	146ms
659:	learn:	1.1689915	total:	283ms	remaining:	146ms
660:	learn:	1.1679587	total:		remaining:	145ms
661:	learn:	1.1669506	total:		remaining:	145ms
662:	learn:	1.1659339	total:		remaining:	144ms
663:	learn:	1.1649408	total:		remaining:	144ms
664:	learn:	1.1639399	total:		remaining:	143ms
665:	learn:	1.1627744	total:		remaining:	143ms
666:	learn:	1.1618028	total:	∠୪5ms	remaining:	142ms

667:	learn:	1.1608402	total:	285ms	remaining:	142mg
668:		1.1598702	total:		remaining:	141ms
669:		1.1589220	total:		remaining:	141ms
670:		1.1576852	total:		remaining:	140ms
671:		1.1565715	total:		remaining:	139ms
672:		1.1556471	total:		remaining:	139ms
673:		1.1545522	total:		remaining:	138ms
674:		1.1536427	total:		remaining:	138ms
675 <b>:</b>		1.1527417	total:		remaining:	138ms
676:		1.1515643	total:		remaining:	137ms
677 <b>:</b>		1.1505029	total:		remaining:	136ms
678:	learn:	1.1496247	total:	288ms	remaining:	136ms
679:	learn:	1.1485812	total:	288ms	remaining:	135ms
680:	learn:	1.1477171	total:	288ms	remaining:	135ms
681:	learn:	1.1468611	total:	288ms	remaining:	134ms
682:	learn:	1.1457402	total:	289ms	remaining:	134ms
683:	learn:	1.1447287	total:	289ms	remaining:	133ms
684:	learn:	1.1438943	total:	289ms	remaining:	133ms
685:	learn:	1.1428998	total:		remaining:	132ms
686:		1.1420788	total:		remaining:	132ms
687:		1.1412657	total:		remaining:	131ms
688:		1.1402933	total:		remaining:	131ms
689:		1.1394933	total:		remaining:	130ms
690:		1.1387008	total:		remaining:	130ms
691:		1.1376568	total:		remaining:	129ms
692:		1.1367141	total:		remaining:	129ms
693:		1.1359417	total:		remaining:	128ms
694:		1.1350148	total:		remaining:	128ms
695:		1.1342549	total:		remaining:	127ms
696:		1.1335021	total:		remaining:	127ms
697 <b>:</b>		1.1325083	total:		remaining:	126ms
698:		1.1316097	total:		remaining:	126ms
699 <b>:</b>		1.1308760	total:		remaining:	125ms
700:		1.1299925 1.1292706	<pre>total: total:</pre>		remaining:	125ms
701: 702:		1.1292706	total:		<pre>remaining: remaining:</pre>	124ms 124ms
702:	learn:	1.1265556	total:	293ms	remaining:	124ms 123ms
703:	learn:	1.1276093	total:		remaining:	123ms
705:	learn:	1.1257323	total:		remaining:	122ms
706:	learn:	1.1252137	total:		remaining:	122ms
707:	learn:	1.1245280	total:		remaining:	121ms
708:	learn:	1.1236998	total:		remaining:	121ms
709:	learn:	1.1230252	total:		remaining:	121ms
710:	learn:	1.1223571	total:		remaining:	120ms
711:	learn:	1.1214697	total:		remaining:	120ms
712:	learn:	1.1206666	total:		remaining:	119ms
713:	learn:	1.1200153	total:		remaining:	119ms
714:	learn:	1.1192257	total:		remaining:	118ms
715:	learn:	1.1185849	total:		remaining:	118ms
716:	learn:	1.1179504	total:	297ms	remaining:	117ms
717:	learn:	1.1171056	total:	297ms	remaining:	117ms
718:	learn:	1.1163399	total:	297ms	remaining:	116ms
719:	learn:	1.1157213	total:	297ms	remaining:	116ms
720:	learn:	1.1149684	total:	298ms	remaining:	115ms
721:	learn:	1.1143598	total:	298ms	remaining:	115ms
722:	learn:	1.1137571	total:	298ms	remaining:	114ms
723:	learn:	1.1130206	total:		remaining:	114ms
724:	learn:	1.1124276	total:		remaining:	113ms
725:	learn:	1.1116352	total:		remaining:	113ms
726:	learn:	1.1109172	total:		remaining:	112ms
727:	learn:	1.1103391	total:		remaining:	112ms
728:	learn:	1.1096330	total:		remaining:	111ms
729:	learn:	1.1090643		300ms	remaining:	111ms
730:	learn:	1.1085011	total:	300ms	remaining:	110ms
731:	learn:	1.1077468	total:	300ms	remaining:	110ms
732:	learn:	1.1070619	total:	3UUms	remaining:	109ms

733:	learn:	1.1065129	total:	301mg	remaining:	109ms
734:	learn:	1.1053123	total:	301ms	remaining:	109ms
735:	learn:	1.1052992		301ms	remaining:	108ms
736:	learn:	1.1047643		301ms	remaining:	108ms
737:	learn:	1.1041054		302ms	remaining:	107ms
738:	learn:	1.1035791		302ms	remaining:	107ms
739:	learn:	1.1028715		302ms	remaining:	106ms
740:	learn:	1.1022290		302ms	remaining:	106ms
741:	learn:	1.1015126		302ms	remaining:	105ms
742:	learn:	1.1008042		303ms	remaining:	105ms
743:	learn:	1.1001817	total:	303ms	remaining:	104ms
744:	learn:	1.0994876	total:	303ms	remaining:	104ms
745:	learn:	1.0988013	total:	303ms	remaining:	103ms
746:	learn:	1.0981227	total:	304ms	remaining:	103ms
747:	learn:	1.0974518	total:	304ms	remaining:	102ms
748:	learn:	1.0968494	total:		remaining:	102ms
749:	learn:	1.0962616	total:		remaining:	101ms
750:	learn:	1.0956096	total:		remaining:	101ms
751:	learn:	1.0949650		305ms	remaining:	100ms
752 <b>:</b>	learn:	1.0943845		305ms	remaining:	100ms
753 <b>:</b>	learn:	1.0938181		305ms	remaining:	99.5ms
754:	learn:	1.0931916		305ms	remaining:	99.1ms
755 <b>:</b>	learn:	1.0925722		306ms	remaining:	98.6ms
756: 757:	learn:	1.0920126 1.0915146		306ms 306ms	remaining:	98.1ms
757: 758:	learn:	1.0913146		306ms	<pre>remaining: remaining:</pre>	97.7ms 97.2ms
759 <b>:</b>	learn:	1.0904226		306ms	remaining:	96.8ms
760:	learn:	1.0899353	total:	307ms	remaining:	96.3ms
761:	learn:	1.0894025	total:	307ms	remaining:	95.8ms
762:	learn:	1.0889231	total:	307ms	remaining:	95.4ms
763:	learn:	1.0883999		307ms	remaining:	94.9ms
764:	learn:	1.0878834	total:	307ms	remaining:	94.5ms
765:	learn:	1.0874143	total:	308ms	remaining:	94ms
766:	learn:	1.0869070	total:	308ms	remaining:	93.5ms
767:	learn:	1.0863982		308ms	remaining:	93.1ms
768:	learn:	1.0859002	total:	308ms	remaining:	92.6ms
769:	learn:	1.0854085	total:	309ms	remaining:	92.2ms
770:	learn:	1.0849110	total:		remaining:	91.7ms
771:	learn:	1.0845119	total:		remaining:	91.3ms
772 <b>:</b>	learn:	1.0840331	total:		remaining:	90.8ms
773:	learn:	1.0835902	<pre>total: total:</pre>		remaining:	90.4ms
774: 775:	learn: learn:	1.0831198 1.0826374	total:		<pre>remaining: remaining:</pre>	
776:	learn:	1.0821605	total:		remaining:	
777:	learn:	1.0816891	total:		remaining:	
778:	learn:	1.0813109	total:		remaining:	
779:	learn:	1.0809364	total:		remaining:	
780:	learn:	1.0804752	total:		remaining:	
781:	learn:	1.0801067	total:		remaining:	
782:	learn:	1.0796456	total:	311ms	remaining:	86.3ms
783:	learn:	1.0791945	total:	312ms	remaining:	85.9ms
784:	learn:	1.0788343	total:	312ms	remaining:	85.4ms
785:	learn:	1.0783907	total:	312ms	remaining:	85ms
786:	learn:	1.0779072	total:		remaining:	
787:	learn:	1.0774292	total:		remaining:	
788:	learn:	1.0769890	total:		remaining:	
789:	learn:	1.0765974	total:		remaining:	
790:	learn:	1.0761738	total:		remaining:	
791:	learn:	1.0757126	total:		remaining:	
792: 793:	learn:	1.0752566 1.0748057	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	
793: 794:	learn:	1.0748037	total:		remaining:	
795:	learn:	1.0743808	total:		remaining:	
796:	learn:	1.0735830	total:		remaining:	
797:	learn:	1.0731486	total:		=	79.7ms
798:	learn:	1.0727191	total:			79.3ms

799:	learn:	1.0722944	total:	315ms	remaining:	78.8ms
800:	learn:	1.0718745	total:	316ms	remaining:	78.4ms
801:	learn:	1.0715233	total:	316ms	remaining:	78ms
802:	learn:	1.0711111	total:	316ms	remaining:	77.5ms
803:	learn:	1.0707212	total:	316ms	remaining:	77.1ms
804:	learn:	1.0703789	total:	316ms	remaining:	76.7ms
805:	learn:	1.0700117	total:	317ms	remaining:	76.2ms
806:	learn:	1.0696139	total:	317ms	remaining:	75.8ms
807:	learn:	1.0692206	total:	317ms	remaining:	75.4ms
808:	learn:	1.0688461	total:	317ms	remaining:	74.9ms
809:	learn:	1.0685187	total:	318ms	remaining:	74.5ms
810:	learn:	1.0681679	total:	318ms	remaining:	74.1ms
811:	learn:	1.0677883	total:	318ms	remaining:	73.6ms
812:	learn:	1.0674129	total:	318ms	remaining:	73.2ms
813:	learn:	1.0670417	total:	318ms	remaining:	72.8ms
814:	learn:	1.0666850	total:	319ms	remaining:	72.3ms
815:	learn:	1.0663743	total:	319ms	remaining:	71.9ms
816:	learn:	1.0660423	total:	319ms	remaining:	71.5ms
817:	learn:	1.0656840	total:	319ms	remaining:	71.1ms
818:	learn:	1.0653298	total:	320ms	remaining:	70.6ms
819:	learn:	1.0649869	total:	320ms	remaining:	70.2ms
820: 821:	learn:	1.0646667 1.0643223	total:	320ms 320ms	<pre>remaining: remaining:</pre>	69.8ms
821:	learn:	1.0640303	total:	320ms	remaining: remaining:	69.3MS
823:	learn:	1.0636922	<pre>total: total:</pre>	320ms 321ms	remaining:	68.5ms
824:	learn:	1.0633626	total:	321ms 321ms	remaining:	68.1ms
825:	learn:	1.0630566	total:	321ms	remaining:	67.7ms
826:	learn:	1.0627384	total:	321ms	remaining:	67.7ms
827:	learn:	1.0624238	total:	322ms	remaining:	66.8ms
828:	learn:	1.0621127	total:	322ms	remaining:	66.4ms
829:	learn:	1.0617967	total:	322ms	remaining:	66ms
830:	learn:	1.0614847	total:	322ms	remaining:	65.5ms
831:	learn:	1.0611923	total:	322ms	remaining:	65.1ms
832:	learn:	1.0609033	total:	323ms	remaining:	64.7ms
833:	learn:	1.0606052	total:	323ms	remaining:	64.3ms
834:	learn:	1.0603104	total:	323ms	remaining:	63.8ms
835:	learn:	1.0600190	total:	323ms	remaining:	63.4ms
836:	learn:	1.0597307	total:		remaining:	63ms
837:	learn:	1.0594457	total:		remaining:	62.6ms
838:	learn:	1.0591638	total:		remaining:	62.2ms
839:	learn:	1.0588731	total:		remaining:	61.8ms
840:	learn:	1.0585644	total:		remaining:	61.3ms
841:	learn:	1.0582599	total:		remaining:	60.9ms
842:	learn:	1.0579913	<pre>total: total:</pre>		remaining:	60.5ms
843: 844:	learn:	1.0576924 1.0574283	total:		<pre>remaining: remaining:</pre>	60.1ms 59.7ms
845:	learn:	1.0571609	total:		remaining:	59.7ms
846:	learn:	1.0568966	total:		remaining:	58.9ms
847:	learn:	1.0566352	total:		remaining:	58.4ms
848:	learn:	1.0563767	total:		remaining:	58ms
849:	learn:	1.0561313	total:		remaining:	57.6ms
850:	learn:	1.0558563	total:		remaining:	57.2ms
851:	learn:	1.0556043	total:		remaining:	56.8ms
852:	learn:	1.0553348	total:	327ms	remaining:	56.4ms
853:	learn:	1.0550878	total:	327ms	remaining:	56ms
854:	learn:	1.0548504	total:	328ms	remaining:	55.6ms
855:	learn:	1.0545875	total:	328ms	remaining:	55.2ms
856:	learn:	1.0543466	total:		remaining:	54.7ms
857:	learn:	1.0540891	total:		remaining:	54.3ms
858:	learn:	1.0538530	total:		remaining:	53.9ms
859:	learn:	1.0536231	total:		remaining:	53.5ms
860:	learn:	1.0533718	total:		remaining:	53.1ms
861:	learn:	1.0531416	total:		remaining:	52.7ms
862:	learn:	1.0528953	total:		remaining:	52.3ms
863:	learn:	1.0526715	total:		remaining:	51.9ms
864:	learn:	1.0524470	total:	SSUMS	remaining:	51.5ms

865:	learn:	1.0522200	total:	330mg	remaining:	51.1ms
866:	learn:	1.0522200		330ms	remaining:	50.7ms
867:	learn:	1.0517067	total:		remaining:	50.7ms
868:	learn:	1.0514478	total:		remaining:	49.9ms
869:	learn:	1.0511170	total:		remaining:	49.5ms
870:	learn:	1.0509215		331ms	remaining:	49ms
871:	learn:	1.0506642		331ms	remaining:	48.6ms
872:	learn:	1.0504106	total:		remaining:	48.2ms
873:	learn:	1.0502173	total:		remaining:	47.8ms
874:	learn:	1.0500041	total:		remaining:	47.5ms
875:	learn:	1.0498139	total:		remaining:	47.1ms
876:	learn:	1.0495985	total:	333ms	remaining:	46.7ms
877:	learn:	1.0493899	total:	333ms	remaining:	46.3ms
878:	learn:	1.0492039	total:	333ms	remaining:	45.9ms
879:	learn:	1.0489989	total:	333ms	remaining:	45.5ms
880:	learn:	1.0488159	total:		remaining:	45.1ms
881:	learn:	1.0486075	total:		remaining:	44.7ms
882:	learn:	1.0484069	total:		remaining:	44.3ms
883:	learn:	1.0482279	total:		remaining:	
884:	learn:	1.0480308	total:		remaining:	43.5ms
885:	learn:	1.0478546	total:		remaining:	43.1ms
886:	learn:	1.0476529	total:		remaining:	42.7ms
887:	learn:	1.0474601	total:		remaining:	42.3ms
888: 889:	learn:	1.0472878 1.0470982		335ms 336ms	<pre>remaining: remaining:</pre>	41.9ms 41.5ms
890:	learn:	1.0470982		336ms	remaining:	41.3ms
891:	learn:	1.0467334		336ms	remaining:	40.7ms
892:	learn:	1.0467334		336ms	remaining:	40.7ms
893:	learn:	1.0463639		336ms	remaining:	39.9ms
894:	learn:	1.0461695		337ms	remaining:	39.5ms
895:	learn:	1.0460059		337ms	remaining:	39.1ms
896:	learn:	1.0458062	total:	337ms	remaining:	38.7ms
897:	learn:	1.0456276	total:	337ms	remaining:	38.3ms
898:	learn:	1.0454679	total:	338ms	remaining:	37.9ms
899:	learn:	1.0452729		338ms	remaining:	37.5ms
900:	learn:	1.0450982		338ms	remaining:	37.1ms
901:	learn:	1.0449256	total:	338ms	remaining:	36.7ms
902:	learn:	1.0447705	total:		remaining:	36.4ms
903:	learn:	1.0446169	total:		remaining:	36ms
904:	learn:	1.0444379	total:		remaining:	35.6ms
905:	learn:	1.0442699	total:		remaining:	
906:	learn:	1.0441039	total:		_	34.8ms
907: 908:	learn:	1.0439372 1.0437723	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	34.4ms 34ms
909:	learn:	1.0437723	total:		remaining:	33.6ms
910:	learn:	1.0434375	total:		remaining:	33.2ms
911:	learn:	1.0432920	total:		remaining:	32.9ms
912:	learn:	1.0431227	total:		remaining:	32.5ms
913:	learn:	1.0429557	total:		remaining:	32.1ms
914:	learn:	1.0427659	total:		remaining:	31.7ms
915:	learn:	1.0426099	total:	341ms	remaining:	31.3ms
916:	learn:	1.0424238	total:	342ms		30.9ms
917:	learn:	1.0422704	total:	342ms	remaining:	30.5ms
918:	learn:	1.0421326	total:	342ms	remaining:	30.1ms
919:	learn:	1.0419961	total:		remaining:	
920:	learn:	1.0418374	total:		remaining:	
921:	learn:	1.0416882	total:		remaining:	
922:	learn:	1.0415408	total:		remaining:	
923:	learn:	1.0413843	total:		remaining:	
924:	learn:	1.0412525	total:		remaining:	
925:	learn:	1.0411221	total:		remaining:	
926:	learn:	1.0409693	total:		remaining:	
927: 928:	learn:	1.0408269 1.0406768	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	
929:	learn:	1.0405768	total:		remaining:	
930:	learn:	1.0403879	total:		remaining:	
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931:	loarn	1.0402408	total:	215mg	romaining.	25 2mg
931:	learn:	1.0402408	total:		<pre>remaining: remaining:</pre>	
933:	learn:	1.0399715	total:		remaining:	
934:	learn:	1.0399713	total:		remaining:	
935:	learn:	1.0397150	total:		remaining:	
936:	learn:	1.0397130	total:		remaining:	23.7ms
937:	learn:	1.0394410	total:		remaining:	22.9ms
938:	learn:	1.0393105	total:		remaining:	22.5ms
939:	learn:	1.0393923	total:		remaining:	22.1ms
940:	learn:	1.0390754	total:		remaining:	
941:	learn:	1.0389379	total:		remaining:	
942:	learn:	1.0388109	total:	347ms	remaining:	21ms
943:	learn:	1.0386853	total:	348ms	remaining:	20.6ms
944:	learn:	1.0385569	total:	348ms	remaining:	20.2ms
945:	learn:	1.0384302	total:	348ms	remaining:	19.9ms
946:	learn:	1.0383075	total:	348ms	remaining:	19.5ms
947:	learn:	1.0381831	total:		remaining:	19.1ms
948:	learn:	1.0380604	total:		remaining:	18.7ms
949:	learn:	1.0379404	total:		remaining:	18.4ms
950:	learn:	1.0377997	total:		remaining:	18ms
951:	learn:	1.0376609	total:		remaining:	17.6ms
952:	learn:	1.0375242	total:		remaining:	17.2ms
953:	learn:	1.0373894	total:		remaining:	16.9ms
954:	learn:	1.0372734	total:		remaining:	16.5ms
955:	learn:	1.0371417	total:		remaining:	16.1ms
956:	learn:	1.0370118	total:		remaining:	15.8ms
957:	learn:	1.0368837	total:		remaining:	15.4ms
958: 959:	learn:	1.0367724 1.0366534	<pre>total: total:</pre>		<pre>remaining: remaining:</pre>	15ms 14.6ms
960:	learn:	1.0365293	total:		remaining:	14.3ms
961:	learn:	1.0364128	total:		remaining:	13.9ms
962:	learn:	1.0363054	total:		remaining:	13.5ms
963:	learn:	1.0361911	total:		remaining:	13.2ms
964:	learn:	1.0360781	total:		remaining:	12.8ms
965:	learn:	1.0359736	total:	353ms	remaining:	12.4ms
966:	learn:	1.0358627	total:	353ms	remaining:	12ms
967:	learn:	1.0357577	total:	353ms	remaining:	11.7ms
968:	learn:	1.0356540	total:		remaining:	11.3ms
969:	learn:	1.0355598	total:		remaining:	10.9ms
970:	learn:	1.0354509	total:		remaining:	10.6ms
971:	learn:	1.0353499	total:		remaining:	10.2ms
972:	learn:	1.0352578	total:		remaining:	9.83ms
973:	learn:	1.0351667	total:		remaining:	9.46ms
974:	learn:	1.0350765	total:		remaining:	9.09ms
975:	learn:	1.0349892	<pre>total: total:</pre>		remaining:	8.73ms
976: 977:	learn:	1.0349004 1.0348125	total:		<pre>remaining: remaining:</pre>	8.36ms 7.99ms
978:	learn:	1.0346123	total:		remaining:	7.99ms 7.63ms
979:	learn:	1.0347134	total:		remaining:	7.05ms
980:	learn:	1.0345413	total:		remaining:	6.89ms
981:	learn:	1.0344444	total:		remaining:	6.53ms
982:	learn:	1.0343521	total:		remaining:	6.16ms
983:	learn:	1.0342683	total:		remaining:	5.8ms
984:	learn:	1.0341737	total:		remaining:	5.43ms
985:	learn:	1.0340835	total:	357ms	remaining:	5.07ms
986:	learn:	1.0339874	total:	357ms	remaining:	4.71ms
987:	learn:	1.0338990	total:		remaining:	4.34ms
988:	learn:	1.0338072	total:		remaining:	3.98ms
989:	learn:	1.0337134	total:		remaining:	3.62ms
990:	learn:	1.0336337	total:		remaining:	3.25ms
991:	learn:	1.0335547	total:		remaining:	2.89ms
992:	learn:	1.0334700	total:		remaining:	2.53ms
993:	learn:	1.0333812	total:		remaining:	2.17ms
994: 995:	learn:	1.0332909	total:		remaining:	1.8ms
	learn:	1.0332005	<pre>total: total:</pre>	359ms	<pre>remaining: remaining:</pre>	1.44ms
996:	learn:	1.0331137	iUldI:	פוווכענ	remarning:	1.08ms

```
total: 360ms remaining: 360us
        998:
              learn: 1.0329504
        999:
              learn: 1.0328758
                                    total: 360ms remaining: Ous
           Actual Predicted
              20 21.172132
        0
              27 30.266037
        1
        2
              69 80.799599
        3
               30 21.172132
        4
              62 67.178379
        5
              35 30.266037
        6
              24 21.172132
        7
               86 80.799599
        8
               76 67.178379
        9
              17 21.172132
              47 53.797536
        10
        11
               85 80.799599
        12
              42 30.266037
       No of Hours = 9.25
        Predicted Score = 88.04166450847502
       Mean Squared Error: 46.94101120783008
       Mean Absolute Error: 6.056300015080597
In [19]:
        model(dtr)
           Actual Predicted
        0
              20
                    21.0
        1
               27
                       30.0
        2
               69
                       81.0
        3
               30
                       21.0
        4
              62
                      67.0
        5
              35
                       30.0
        6
              24
                       21.0
        7
              86
                      81.0
        8
              76
                      67.0
                       21.0
        9
              17
        10
               47
                       54.0
        11
              85
                      81.0
        12
              42
                      30.0
       No of Hours = 9.25
       Predicted Score = 88.0
       Mean Squared Error: 48.07692307692308
        Mean Absolute Error: 6.076923076923077
In [20]:
        model(rfr)
           Actual Predicted
              20
                   23.41375
        ()
        1
               27
                   29.29500
               69
        2
                   79.03000
        3
              30 23.41375
        4
              62
                  63.31000
        5
               35
                   34.76625
        6
              24
                  23.41375
        7
              86 80.67500
        8
               76
                   66.78000
        9
              17
                  23.41375
        10
              47 54.88500
        11
              85 80.67500
        12
               42
                    29.29500
       No of Hours = 9.25
        Predicted Score = 88.445
       Mean Squared Error: 43.06237079326923
```

total: 360ms

remaining: 720us

997:

learn: 1.0330257

Mean Absolute Error: 5.409903846153847