

# Reference from Kaggle Competition to be in top 10%

DMatrix is an internal data structure that is used by XGBoost, which is optimized for both memory efficiency and training speed. You can construct DMatrix from multiple different sources of data.

## Reference

1. [https://ml.dask.org/modules/generated/dask\\_ml.xgboost.XGBRegressor.html](https://ml.dask.org/modules/generated/dask_ml.xgboost.XGBRegressor.html)
2. <https://blog.cambridgespark.com/hyperparameter-tuning-in-xgboost-4ff9100a3b2f>
3. <https://stackoverflow.com/questions/61471765/xgboost-what-data-to-use-in-the-watchlist>
4. <https://www.kaggle.com/mtinti/xgb-1110-from-vladimir-iglovikov-and-tilii7>

In [ ]:

```
## Auto-time calculator
```

```
!pip install ipython-autotime  
%load_ext autotime
```

In [ ]:

```
## Importing required libraries
```

```
import pandas as pd  
import numpy as np  
import xgboost as xgb  
from sklearn.model_selection import KFold  
from sklearn.metrics import mean_absolute_error
```

time: 778 ms

In [ ]:

```
### Connecting to Google Drive to access files ( Train and Test Data )
```

```
from google.colab import drive  
drive.mount('/content/drive')
```

```
%cd /content/drive/My Drive/Applied AI Course/Assignments/23. Self Case Study 1
```

Mounted at /content/drive  
/content/drive/My Drive/Applied AI Course/Assignments/23. Self Case Study 1  
time: 20.3 s

## Hyper Parameter Tuning

In [ ]:

```
gridsearch_params = [  
    (max_depth, subsample)  
    for max_depth in range(4, 18, 4)  
    for subsample in [n/10 for n in range(2, 12, 2)]  
]  
params = {}
```

time: 1.54 ms

In [ ]:

```
"""  
Reading Train and Test data  
"""
```

```

Train_Data = pd.read_csv('train.csv')
Test_Data = pd.read_csv('test.csv')
Submission_Id = Test_Data['id']

r,c = Train_Data.shape    # r -> rows and c --> columns # 188318 and 130

y = np.log(Train_Data['loss'] + 200)

Train_Data.drop(['id','loss'], axis=1, inplace=True)
Test_Data.drop(['id'], axis=1, inplace=True)

Train_Test = pd.concat((Train_Data, Test_Data)).reset_index(drop=True)

def evalerror(preds, dtrain):
    labels = dtrain.get_label()
    return 'mae', mean_absolute_error(np.exp(preds), np.exp(labels))

if __name__ == '__main__':
    cat_feature = [n for n in Train_Data.columns if n.startswith('cat')]
    for column in cat_feature:
        if Train_Data[column].nunique() != Test_Data[column].nunique():
            Unique_classes_Train = set(Train_Data[column].unique())
            Unique_classes_Test = set(Test_Data[column].unique())
            missing_train = Unique_classes_Train.difference(Unique_classes_Test)
            missing_test = Unique_classes_Test.difference(Unique_classes_Train)

            All_misisng = missing_train.union(missing_test)

            # Replace all misisng categories with a common category instead of removing.
            def missing_common(x):
                if x in All_misisng:
                    return np.nan
                return x

            Train_Test[column] = Train_Test[column].apply(lambda x: missing_common(x), 1)

    Train_Test[column] = pd.factorize(Train_Test[column].values, sort=True)[0]

    Train_Data_final = Train_Test.iloc[:r, :]
    Test_Data_final = Train_Test.iloc[r:, :]

    min_mae = float("Inf")
    best_params = None

    xgtrain = xgb.DMatrix(Train_Data_final, label=y)

    for max_depth, subsample in gridsearch_params:
        print("CV with max_depth={}, subsample={}".format(max_depth, subsample))

        params['max_depth'] = max_depth
        params['subsample'] = subsample

        cv_results = xgb.cv(
            params,
            xgtrain,
            1000,
            seed=42,
            nfold=3,
            metrics={'mae'},
            early_stopping_rounds=10
        )

        mean_mae = cv_results['test-mae-mean'].min()
        boost_rounds = cv_results['test-mae-mean'].argmin()
        print("\tMAE {} for {} rounds".format(mean_mae, boost_rounds))
        if mean_mae < min_mae:
            min_mae = mean_mae
            best_params = (max_depth, subsample)

    print("Best params: {}, {}, MAE: {}".format(best_params[0], best_params[1], min_mae))

```

```
)
CV with max_depth=4, subsample=0.2
  MAE 0.38658400000000004 for 999 rounds
Best params: 4, 0.2, MAE: 0.38658400000000004
CV with max_depth=4, subsample=0.4
  MAE 0.386149 for 999 rounds
Best params: 4, 0.4, MAE: 0.386149
CV with max_depth=4, subsample=0.6
  MAE 0.385971 for 999 rounds
Best params: 4, 0.6, MAE: 0.385971
CV with max_depth=4, subsample=0.8
  MAE 0.38607266666666667 for 999 rounds
Best params: 4, 0.6, MAE: 0.385971
CV with max_depth=4, subsample=1.0
  MAE 0.38611900000000005 for 999 rounds
Best params: 4, 0.6, MAE: 0.385971
CV with max_depth=8, subsample=0.2
  MAE 0.37776566666666667 for 999 rounds
Best params: 8, 0.2, MAE: 0.37776566666666667
CV with max_depth=8, subsample=0.4
  MAE 0.37622133333333335 for 999 rounds
Best params: 8, 0.4, MAE: 0.37622133333333335
CV with max_depth=8, subsample=0.6
  MAE 0.37557266666666666 for 999 rounds
Best params: 8, 0.6, MAE: 0.37557266666666666
CV with max_depth=8, subsample=0.8
  MAE 0.375323 for 999 rounds
Best params: 8, 0.8, MAE: 0.375323
CV with max_depth=8, subsample=1.0
  MAE 0.37536033333333335 for 999 rounds
Best params: 8, 0.8, MAE: 0.375323
CV with max_depth=12, subsample=0.2
  MAE 0.375944 for 999 rounds
Best params: 8, 0.8, MAE: 0.375323
CV with max_depth=12, subsample=0.4
  MAE 0.374273 for 999 rounds
Best params: 12, 0.4, MAE: 0.374273
CV with max_depth=12, subsample=0.6
  MAE 0.37348099999999995 for 999 rounds
Best params: 12, 0.6, MAE: 0.37348099999999995
CV with max_depth=12, subsample=0.8
  MAE 0.37319266666666667 for 999 rounds
Best params: 12, 0.8, MAE: 0.37319266666666667
CV with max_depth=12, subsample=1.0
  MAE 0.37318666666666667 for 999 rounds
Best params: 12, 1.0, MAE: 0.37318666666666667
CV with max_depth=16, subsample=0.2
  MAE 0.37547666666666667 for 999 rounds
Best params: 12, 1.0, MAE: 0.37318666666666667
CV with max_depth=16, subsample=0.4
  MAE 0.373843 for 998 rounds
Best params: 12, 1.0, MAE: 0.37318666666666667
CV with max_depth=16, subsample=0.6
  MAE 0.37324700000000005 for 999 rounds
Best params: 12, 1.0, MAE: 0.37318666666666667
CV with max_depth=16, subsample=0.8
  MAE 0.37289533333333336 for 999 rounds
Best params: 16, 0.8, MAE: 0.37289533333333336
CV with max_depth=16, subsample=1.0
  MAE 0.37278733333333336 for 999 rounds
Best params: 16, 1.0, MAE: 0.37278733333333336
time: 4h 8min 20s
```

In [ ]:

```
gridsearch_params = [
    (alpha, gamma)
    for alpha in [1/n for n in range(1,3)]
    for gamma in [1/n for n in range(1,3)]
]
```

```
params = {}
```

```
time: 2.09 ms
```

```
In [ ]:
```

```
for alpha, gamma in gridsearch_params:
    print("CV with alpha={}, gamma={}".format(alpha, gamma))
    params['max_depth'] = 12
    params['subsample'] = 0.8
    params['alpha'] = alpha
    params['gamma'] = gamma

    cv_results = xgb.cv(
        params,
        xgtrain,
        1000,
        seed=42,
        nfold=3,
        metrics={'mae'},
        early_stopping_rounds=10
    )
    mean_mae = cv_results['test-mae-mean'].min()
    boost_rounds = cv_results['test-mae-mean'].argmin()
    print("\tMAE {} for {} rounds".format(mean_mae, boost_rounds))
    if mean_mae < min_mae:
        min_mae = mean_mae
        best_params = (alpha, gamma)

    print("Best params: {}, {}, MAE: {}".format(best_params[0], best_params[1], min_mae))
```

```
CV with alpha=1.0, gamma=1.0
MAE 0.428306 for 24 rounds
Best params: 1.0, 1.0, MAE: 0.428306
CV with alpha=1.0, gamma=0.5
MAE 0.43038666666666667 for 20 rounds
Best params: 1.0, 1.0, MAE: 0.428306
CV with alpha=0.5, gamma=1.0
MAE 0.42898966666666666 for 24 rounds
Best params: 1.0, 1.0, MAE: 0.428306
CV with alpha=0.5, gamma=0.5
MAE 0.43154933333333334 for 22 rounds
Best params: 1.0, 1.0, MAE: 0.428306
time: 2min 9s
```

```
In [ ]:
```

```
gridsearch_params = [
    (colsample_bytree, eta)
    for colsample_bytree in [1/n for n in range(1,3)]
    for eta in [1/(10**n) for n in range(1,4)]
]

params = {}

for colsample_bytree, eta in gridsearch_params:
    print("CV with colsample_bytree={}, eta={}".format(colsample_bytree, eta))
    params['max_depth'] = 12
    params['subsample'] = 0.8
    params['alpha'] = 1
    params['gamma'] = 1
    params['colsample_bytree'] = colsample_bytree
    params['eta'] = eta

    cv_results = xgb.cv(
        params,
        xgtrain,
        1000,
        seed=42,
        nfold=3,
        metrics={'mae'},
        early_stopping_rounds=10
    )
```

```
)
mean_mae = cv_results['test-mae-mean'].min()
boost_rounds = cv_results['test-mae-mean'].argmin()
print("\tMAE {} for {} rounds".format(mean_mae, boost_rounds))
if mean_mae < min_mae:
    min_mae = mean_mae
    best_params = (colsample_bytree, eta)

print("Best params: {}, {}, MAE: {}".format(best_params[0], best_params[1], min_mae))
```

```
CV with colsample_bytree=1.0, eta=0.1
MAE 0.41825033333333334 for 113 rounds
Best params: 1.0, 0.1, MAE: 0.41825033333333334
CV with colsample_bytree=1.0, eta=0.01
MAE 0.415004 for 999 rounds
Best params: 1.0, 0.01, MAE: 0.415004
CV with colsample_bytree=1.0, eta=0.001
MAE 2.6447746666666667 for 999 rounds
Best params: 1.0, 0.01, MAE: 0.415004
CV with colsample_bytree=0.5, eta=0.1
MAE 0.41768499999999999 for 126 rounds
Best params: 1.0, 0.01, MAE: 0.415004
CV with colsample_bytree=0.5, eta=0.01
MAE 0.41441100000000003 for 999 rounds
Best params: 0.5, 0.01, MAE: 0.41441100000000003
CV with colsample_bytree=0.5, eta=0.001
MAE 2.6444276666666666 for 999 rounds
Best params: 0.5, 0.01, MAE: 0.41441100000000003
time: 22min 51s
```

## Final Code

In [ ]:

```
"""
Reading Train and Test data
"""
# Reading training data
Train_Data = pd.read_csv('train.csv')
## Reading test data
Test_Data = pd.read_csv('test.csv')
# saving ID for submission file.
Submission_Id = Test_Data['id']

r,c = Train_Data.shape    # r -> rows and c --> columns # 188318 and 130

#Reading y value.
y = np.log(Train_Data['loss'] + 200)

# Removing ID and LOSS columns from Train and ID from Test
Train_Data.drop(['id','loss'], axis=1, inplace=True)
Test_Data.drop(['id'], axis=1, inplace=True)

## Concatinating Train and Test
Train_Test = pd.concat((Train_Data, Test_Data)).reset_index(drop=True)

## Custom metrice : Error calculation
def evalerror(preds, dtrain):
    labels = dtrain.get_label()
    return 'mae', mean_absolute_error(np.exp(preds), np.exp(labels))

## main funtion
if __name__ == '__main__':
    # Filtering categorical dfeatures.
    cat_feature = [n for n in Train_Data.columns if n.startswith('cat')]
    ## Looping through categorical features.
    for column in cat_feature:
        # For every column , validating the Train classes and test classes equal or not.
        if Train_Data[column].nunique() != Test_Data[column].nunique():
            ## Reading only unique train class from eac column
```

```

Unique_classes_Train = set(Train_Data[column].unique())
## Reading only unique test class from eac column
Unique_classes_Test = set(Test_Data[column].unique())
## Classes available in train but not in test
missing_train = Unique_classes_Train.difference(Unique_classes_Test) # s
et_A.difference(set_B) for (A - B)
## Classes available in test but not in train
missing_test = Unique_classes_Test.difference(Unique_classes_Train)
## Reading all missing classes from train and test
All_misisng = missing_train.union(missing_test)

# Replace all misisng categories with a common category instead of removing.
def missing_common(x):
    if x in All_misisng:
        return np.nan
    return x

## missing classes is replaced with null values.
## Pandas factorize replaces all categorical variables by integers, and NaN with -1
, and xgboost treats them as the same category.
Train_Test[column] = Train_Test[column].apply(lambda x: missing_common(x), 1) #
Axis 1 :: columns

## factorize the categorical features.
Train_Test[column] = pd.factorize(Train_Test[column].values, sort=True)[0]

## Separating the Train and Test data.
Train_Data_final = Train_Test.iloc[:r, :]
Test_Data_final = Train_Test.iloc[r:, :]

## K-fold cross validation.
kf = KFold(n_splits=3)
prediction = np.zeros(Submission_Id.shape)

## Train data divided into 3 folds with 2 for training and 1 for testing
for train_index, test_index in kf.split(Train_Data_final):
    X_train, X_test = Train_Data_final.iloc[train_index], Train_Data_final.iloc[test_ind
ex]
    y_train, y_test = y.iloc[train_index], y.iloc[test_index]

    params = {
        'min_child_weight': 1, # Default valaue
        'eta': 0.01, # Hyper parameter
        'colsample_bytree': 0.5, # Hyper parameter
        'max_depth': 12, # Hyper parameter
        'subsample': 0.8, # Hyper parameter
        'alpha': 1, # Hyper parameter
        'gamma': 1, # Hyper parameter
        'silent': 1,
        'verbose_eval': True,
        'seed': 2020,
    }

    ## Converting DataFrame to Dmatrix, DMatrix is an internal data structure that is us
ed by XGBoost, which is optimized for both memory efficiency and training speed.
    xgtrain = xgb.DMatrix(X_train, label=y_train)
    xgtest = xgb.DMatrix(X_test, label=y_test)
    xgtest_final = xgb.DMatrix(Test_Data_final)

    # watchlist allows us to monitor the evaluation result on all data in the list. print
    ("Train xgboost using xgb.train with watchlist")
    watchlist = [(xgtrain, 'train'), (xgtest, 'eval')]

    # Training the model with Hyper parameters and 2000 is boosting rounds.
    model = xgb.train(params, xgtrain, 2000, watchlist, feval=evalerror, early_stopping_
rounds=100)
    prediction += np.exp(model.predict(xgtest_final)) - 200

prediction = prediction/3
submission = pd.DataFrame()
submission['id'] = Submission_Id
submission['loss'] = prediction

```

Streaming output truncated to the last 5000 lines.

```

[1007] train-rmse:0.424366 eval-rmse:0.476429 train-mae:1010.42 eval-mae:1141.18
[1008] train-rmse:0.424341 eval-rmse:0.476423 train-mae:1010.34 eval-mae:1141.17
[1009] train-rmse:0.424322 eval-rmse:0.476419 train-mae:1010.3 eval-mae:1141.16
[1010] train-rmse:0.424283 eval-rmse:0.476417 train-mae:1010.2 eval-mae:1141.15
[1011] train-rmse:0.424254 eval-rmse:0.476411 train-mae:1010.13 eval-mae:1141.13
[1012] train-rmse:0.424186 eval-rmse:0.476404 train-mae:1009.95 eval-mae:1141.11
[1013] train-rmse:0.424151 eval-rmse:0.476401 train-mae:1009.86 eval-mae:1141.1
[1014] train-rmse:0.4241 eval-rmse:0.476394 train-mae:1009.73 eval-mae:1141.09
[1015] train-rmse:0.424083 eval-rmse:0.476393 train-mae:1009.69 eval-mae:1141.08
[1016] train-rmse:0.424064 eval-rmse:0.476391 train-mae:1009.64 eval-mae:1141.07
[1017] train-rmse:0.424032 eval-rmse:0.476388 train-mae:1009.54 eval-mae:1141.06
[1018] train-rmse:0.423999 eval-rmse:0.476386 train-mae:1009.46 eval-mae:1141.05
[1019] train-rmse:0.423971 eval-rmse:0.476383 train-mae:1009.39 eval-mae:1141.05
[1020] train-rmse:0.42392 eval-rmse:0.476377 train-mae:1009.26 eval-mae:1141.05
[1021] train-rmse:0.4239 eval-rmse:0.476374 train-mae:1009.19 eval-mae:1141.03
[1022] train-rmse:0.423879 eval-rmse:0.476374 train-mae:1009.13 eval-mae:1141.03
[1023] train-rmse:0.423847 eval-rmse:0.476371 train-mae:1009.04 eval-mae:1141.01
[1024] train-rmse:0.423819 eval-rmse:0.476367 train-mae:1008.97 eval-mae:1140.99
[1025] train-rmse:0.423784 eval-rmse:0.476361 train-mae:1008.88 eval-mae:1140.97
[1026] train-rmse:0.423758 eval-rmse:0.476357 train-mae:1008.82 eval-mae:1140.96
[1027] train-rmse:0.423727 eval-rmse:0.476353 train-mae:1008.73 eval-mae:1140.94
[1028] train-rmse:0.423704 eval-rmse:0.476351 train-mae:1008.66 eval-mae:1140.94
[1029] train-rmse:0.423671 eval-rmse:0.476349 train-mae:1008.57 eval-mae:1140.93
[1030] train-rmse:0.423625 eval-rmse:0.476344 train-mae:1008.44 eval-mae:1140.92
[1031] train-rmse:0.423594 eval-rmse:0.476341 train-mae:1008.35 eval-mae:1140.9
[1032] train-rmse:0.423561 eval-rmse:0.476335 train-mae:1008.25 eval-mae:1140.89
[1033] train-rmse:0.423529 eval-rmse:0.476332 train-mae:1008.16 eval-mae:1140.87
[1034] train-rmse:0.423505 eval-rmse:0.476328 train-mae:1008.1 eval-mae:1140.86
[1035] train-rmse:0.423482 eval-rmse:0.476323 train-mae:1008.04 eval-mae:1140.85
[1036] train-rmse:0.423441 eval-rmse:0.47632 train-mae:1007.92 eval-mae:1140.85
[1037] train-rmse:0.423413 eval-rmse:0.476315 train-mae:1007.85 eval-mae:1140.82
[1038] train-rmse:0.423387 eval-rmse:0.476315 train-mae:1007.77 eval-mae:1140.82
[1039] train-rmse:0.423342 eval-rmse:0.476312 train-mae:1007.65 eval-mae:1140.8
[1040] train-rmse:0.423323 eval-rmse:0.476307 train-mae:1007.6 eval-mae:1140.78
[1041] train-rmse:0.4233 eval-rmse:0.476305 train-mae:1007.54 eval-mae:1140.78
[1042] train-rmse:0.42326 eval-rmse:0.476306 train-mae:1007.44 eval-mae:1140.77
[1043] train-rmse:0.423219 eval-rmse:0.476301 train-mae:1007.33 eval-mae:1140.77
[1044] train-rmse:0.423189 eval-rmse:0.476301 train-mae:1007.26 eval-mae:1140.77
[1045] train-rmse:0.423155 eval-rmse:0.476294 train-mae:1007.16 eval-mae:1140.75
[1046] train-rmse:0.423124 eval-rmse:0.47629 train-mae:1007.09 eval-mae:1140.74
[1047] train-rmse:0.423084 eval-rmse:0.476285 train-mae:1006.98 eval-mae:1140.72
[1048] train-rmse:0.423068 eval-rmse:0.476283 train-mae:1006.94 eval-mae:1140.72
[1049] train-rmse:0.423045 eval-rmse:0.476282 train-mae:1006.88 eval-mae:1140.71
[1050] train-rmse:0.423021 eval-rmse:0.476278 train-mae:1006.81 eval-mae:1140.69
[1051] train-rmse:0.422994 eval-rmse:0.476278 train-mae:1006.74 eval-mae:1140.69
[1052] train-rmse:0.422953 eval-rmse:0.476272 train-mae:1006.63 eval-mae:1140.68
[1053] train-rmse:0.42293 eval-rmse:0.476267 train-mae:1006.56 eval-mae:1140.66
[1054] train-rmse:0.422883 eval-rmse:0.476258 train-mae:1006.44 eval-mae:1140.64
[1055] train-rmse:0.422842 eval-rmse:0.476255 train-mae:1006.32 eval-mae:1140.63
[1056] train-rmse:0.422816 eval-rmse:0.476247 train-mae:1006.26 eval-mae:1140.6
[1057] train-rmse:0.422764 eval-rmse:0.476243 train-mae:1006.13 eval-mae:1140.59
[1058] train-rmse:0.422731 eval-rmse:0.476243 train-mae:1006.05 eval-mae:1140.58
[1059] train-rmse:0.422717 eval-rmse:0.476241 train-mae:1006 eval-mae:1140.58
[1060] train-rmse:0.422704 eval-rmse:0.47624 train-mae:1005.96 eval-mae:1140.57
[1061] train-rmse:0.422676 eval-rmse:0.476239 train-mae:1005.89 eval-mae:1140.56
[1062] train-rmse:0.422661 eval-rmse:0.476238 train-mae:1005.85 eval-mae:1140.56
[1063] train-rmse:0.422636 eval-rmse:0.476239 train-mae:1005.79 eval-mae:1140.56
[1064] train-rmse:0.422623 eval-rmse:0.476234 train-mae:1005.75 eval-mae:1140.55
[1065] train-rmse:0.422578 eval-rmse:0.476226 train-mae:1005.63 eval-mae:1140.53
[1066] train-rmse:0.422524 eval-rmse:0.476224 train-mae:1005.49 eval-mae:1140.53
[1067] train-rmse:0.422507 eval-rmse:0.476222 train-mae:1005.44 eval-mae:1140.52
[1068] train-rmse:0.422469 eval-rmse:0.476216 train-mae:1005.33 eval-mae:1140.5
[1069] train-rmse:0.422428 eval-rmse:0.476215 train-mae:1005.23 eval-mae:1140.49
[1070] train-rmse:0.422398 eval-rmse:0.47621 train-mae:1005.14 eval-mae:1140.47
[1071] train-rmse:0.422364 eval-rmse:0.476205 train-mae:1005.05 eval-mae:1140.46
[1072] train-rmse:0.422345 eval-rmse:0.476204 train-mae:1005 eval-mae:1140.46
[1073] train-rmse:0.422322 eval-rmse:0.476205 train-mae:1004.94 eval-mae:1140.46
[1074] train-rmse:0.422306 eval-rmse:0.476205 train-mae:1004.9 eval-mae:1140.46
[1075] train-rmse:0.422287 eval-rmse:0.476204 train-mae:1004.84 eval-mae:1140.46

```

[1076] train-rmse:0.422263 eval-rmse:0.476203 train-mae:1004.77 eval-mae:1140.45  
[1077] train-rmse:0.422242 eval-rmse:0.4762 train-mae:1004.71 eval-mae:1140.44  
[1078] train-rmse:0.422211 eval-rmse:0.476197 train-mae:1004.63 eval-mae:1140.42  
[1079] train-rmse:0.422196 eval-rmse:0.476194 train-mae:1004.58 eval-mae:1140.4  
[1080] train-rmse:0.42218 eval-rmse:0.476191 train-mae:1004.53 eval-mae:1140.4  
[1081] train-rmse:0.422145 eval-rmse:0.476189 train-mae:1004.45 eval-mae:1140.38  
[1082] train-rmse:0.422122 eval-rmse:0.476187 train-mae:1004.39 eval-mae:1140.37  
[1083] train-rmse:0.422096 eval-rmse:0.476182 train-mae:1004.33 eval-mae:1140.36  
[1084] train-rmse:0.422045 eval-rmse:0.476177 train-mae:1004.19 eval-mae:1140.36  
[1085] train-rmse:0.422007 eval-rmse:0.476173 train-mae:1004.11 eval-mae:1140.34  
[1086] train-rmse:0.421977 eval-rmse:0.476167 train-mae:1004.03 eval-mae:1140.32  
[1087] train-rmse:0.421941 eval-rmse:0.476163 train-mae:1003.96 eval-mae:1140.31  
[1088] train-rmse:0.421912 eval-rmse:0.47616 train-mae:1003.88 eval-mae:1140.3  
[1089] train-rmse:0.421885 eval-rmse:0.476158 train-mae:1003.79 eval-mae:1140.29  
[1090] train-rmse:0.421855 eval-rmse:0.476155 train-mae:1003.71 eval-mae:1140.28  
[1091] train-rmse:0.421787 eval-rmse:0.476148 train-mae:1003.53 eval-mae:1140.25  
[1092] train-rmse:0.421774 eval-rmse:0.476144 train-mae:1003.49 eval-mae:1140.24  
[1093] train-rmse:0.421766 eval-rmse:0.476142 train-mae:1003.46 eval-mae:1140.24  
[1094] train-rmse:0.421761 eval-rmse:0.47614 train-mae:1003.44 eval-mae:1140.23  
[1095] train-rmse:0.421748 eval-rmse:0.47614 train-mae:1003.41 eval-mae:1140.23  
[1096] train-rmse:0.421718 eval-rmse:0.476136 train-mae:1003.33 eval-mae:1140.22  
[1097] train-rmse:0.421694 eval-rmse:0.476134 train-mae:1003.25 eval-mae:1140.21  
[1098] train-rmse:0.42166 eval-rmse:0.476128 train-mae:1003.15 eval-mae:1140.2  
[1099] train-rmse:0.42164 eval-rmse:0.476126 train-mae:1003.1 eval-mae:1140.18  
[1100] train-rmse:0.421604 eval-rmse:0.476125 train-mae:1002.99 eval-mae:1140.18  
[1101] train-rmse:0.421573 eval-rmse:0.476122 train-mae:1002.9 eval-mae:1140.18  
[1102] train-rmse:0.421556 eval-rmse:0.476123 train-mae:1002.85 eval-mae:1140.18  
[1103] train-rmse:0.421507 eval-rmse:0.476115 train-mae:1002.73 eval-mae:1140.16  
[1104] train-rmse:0.42145 eval-rmse:0.476112 train-mae:1002.57 eval-mae:1140.15  
[1105] train-rmse:0.421425 eval-rmse:0.476107 train-mae:1002.51 eval-mae:1140.14  
[1106] train-rmse:0.421412 eval-rmse:0.476108 train-mae:1002.47 eval-mae:1140.14  
[1107] train-rmse:0.421329 eval-rmse:0.476102 train-mae:1002.26 eval-mae:1140.12  
[1108] train-rmse:0.4213 eval-rmse:0.4761 train-mae:1002.19 eval-mae:1140.11  
[1109] train-rmse:0.421248 eval-rmse:0.476097 train-mae:1002.07 eval-mae:1140.1  
[1110] train-rmse:0.421196 eval-rmse:0.4761 train-mae:1001.95 eval-mae:1140.11  
[1111] train-rmse:0.421155 eval-rmse:0.4761 train-mae:1001.85 eval-mae:1140.12  
[1112] train-rmse:0.421125 eval-rmse:0.476095 train-mae:1001.78 eval-mae:1140.1  
[1113] train-rmse:0.421091 eval-rmse:0.47609 train-mae:1001.68 eval-mae:1140.08  
[1114] train-rmse:0.421074 eval-rmse:0.476087 train-mae:1001.64 eval-mae:1140.07  
[1115] train-rmse:0.421051 eval-rmse:0.476084 train-mae:1001.58 eval-mae:1140.06  
[1116] train-rmse:0.421037 eval-rmse:0.476084 train-mae:1001.54 eval-mae:1140.06  
[1117] train-rmse:0.421002 eval-rmse:0.476082 train-mae:1001.46 eval-mae:1140.07  
[1118] train-rmse:0.42099 eval-rmse:0.47608 train-mae:1001.41 eval-mae:1140.05  
[1119] train-rmse:0.420958 eval-rmse:0.476079 train-mae:1001.32 eval-mae:1140.05  
[1120] train-rmse:0.420916 eval-rmse:0.476076 train-mae:1001.21 eval-mae:1140.04  
[1121] train-rmse:0.420903 eval-rmse:0.476072 train-mae:1001.18 eval-mae:1140.02  
[1122] train-rmse:0.420883 eval-rmse:0.476072 train-mae:1001.13 eval-mae:1140.03  
[1123] train-rmse:0.420857 eval-rmse:0.476069 train-mae:1001.05 eval-mae:1140.01  
[1124] train-rmse:0.42082 eval-rmse:0.476066 train-mae:1000.95 eval-mae:1140  
[1125] train-rmse:0.42079 eval-rmse:0.476063 train-mae:1000.87 eval-mae:1139.99  
[1126] train-rmse:0.42077 eval-rmse:0.476062 train-mae:1000.81 eval-mae:1139.99  
[1127] train-rmse:0.420737 eval-rmse:0.476059 train-mae:1000.73 eval-mae:1139.98  
[1128] train-rmse:0.420724 eval-rmse:0.476058 train-mae:1000.7 eval-mae:1139.98  
[1129] train-rmse:0.420678 eval-rmse:0.476052 train-mae:1000.59 eval-mae:1139.96  
[1130] train-rmse:0.420645 eval-rmse:0.476049 train-mae:1000.5 eval-mae:1139.94  
[1131] train-rmse:0.420594 eval-rmse:0.476046 train-mae:1000.38 eval-mae:1139.93  
[1132] train-rmse:0.420557 eval-rmse:0.476046 train-mae:1000.29 eval-mae:1139.94  
[1133] train-rmse:0.420521 eval-rmse:0.476045 train-mae:1000.21 eval-mae:1139.94  
[1134] train-rmse:0.420504 eval-rmse:0.476045 train-mae:1000.16 eval-mae:1139.93  
[1135] train-rmse:0.420459 eval-rmse:0.476036 train-mae:1000.05 eval-mae:1139.9  
[1136] train-rmse:0.420422 eval-rmse:0.476032 train-mae:999.971 eval-mae:1139.88  
[1137] train-rmse:0.420392 eval-rmse:0.47603 train-mae:999.896 eval-mae:1139.87  
[1138] train-rmse:0.420379 eval-rmse:0.476028 train-mae:999.861 eval-mae:1139.87  
[1139] train-rmse:0.420353 eval-rmse:0.476027 train-mae:999.8 eval-mae:1139.86  
[1140] train-rmse:0.42033 eval-rmse:0.476026 train-mae:999.74 eval-mae:1139.87  
[1141] train-rmse:0.420303 eval-rmse:0.476024 train-mae:999.649 eval-mae:1139.85  
[1142] train-rmse:0.420265 eval-rmse:0.476021 train-mae:999.57 eval-mae:1139.85  
[1143] train-rmse:0.420252 eval-rmse:0.47602 train-mae:999.532 eval-mae:1139.85  
[1144] train-rmse:0.420233 eval-rmse:0.476017 train-mae:999.485 eval-mae:1139.84  
[1145] train-rmse:0.420207 eval-rmse:0.476019 train-mae:999.407 eval-mae:1139.84  
[1146] train-rmse:0.420182 eval-rmse:0.476017 train-mae:999.345 eval-mae:1139.84  
[1147] train-rmse:0.42015 eval-rmse:0.476015 train-mae:999.253 eval-mae:1139.84



[1148] train-rmse:0.420137 eval-rmse:0.476013 train-mae:999.219 eval-mae:1139.84  
[1149] train-rmse:0.42012 eval-rmse:0.476013 train-mae:999.174 eval-mae:1139.83  
[1150] train-rmse:0.420091 eval-rmse:0.47601 train-mae:999.093 eval-mae:1139.83  
[1151] train-rmse:0.420074 eval-rmse:0.476009 train-mae:999.051 eval-mae:1139.82  
[1152] train-rmse:0.420054 eval-rmse:0.476006 train-mae:998.99 eval-mae:1139.81  
[1153] train-rmse:0.420031 eval-rmse:0.476006 train-mae:998.928 eval-mae:1139.8  
[1154] train-rmse:0.420013 eval-rmse:0.476005 train-mae:998.88 eval-mae:1139.8  
[1155] train-rmse:0.419996 eval-rmse:0.476003 train-mae:998.831 eval-mae:1139.79  
[1156] train-rmse:0.419976 eval-rmse:0.476002 train-mae:998.771 eval-mae:1139.8  
[1157] train-rmse:0.419934 eval-rmse:0.475993 train-mae:998.664 eval-mae:1139.77  
[1158] train-rmse:0.419924 eval-rmse:0.47599 train-mae:998.638 eval-mae:1139.76  
[1159] train-rmse:0.419874 eval-rmse:0.475981 train-mae:998.509 eval-mae:1139.74  
[1160] train-rmse:0.419858 eval-rmse:0.475978 train-mae:998.468 eval-mae:1139.73  
[1161] train-rmse:0.419842 eval-rmse:0.475977 train-mae:998.429 eval-mae:1139.73  
[1162] train-rmse:0.419834 eval-rmse:0.475977 train-mae:998.405 eval-mae:1139.72  
[1163] train-rmse:0.419798 eval-rmse:0.475978 train-mae:998.308 eval-mae:1139.73  
[1164] train-rmse:0.41974 eval-rmse:0.475974 train-mae:998.165 eval-mae:1139.72  
[1165] train-rmse:0.419722 eval-rmse:0.475972 train-mae:998.112 eval-mae:1139.71  
[1166] train-rmse:0.419701 eval-rmse:0.475966 train-mae:998.056 eval-mae:1139.69  
[1167] train-rmse:0.419673 eval-rmse:0.475963 train-mae:997.976 eval-mae:1139.68  
[1168] train-rmse:0.419652 eval-rmse:0.47596 train-mae:997.917 eval-mae:1139.67  
[1169] train-rmse:0.419634 eval-rmse:0.475956 train-mae:997.879 eval-mae:1139.66  
[1170] train-rmse:0.419622 eval-rmse:0.475955 train-mae:997.853 eval-mae:1139.66  
[1171] train-rmse:0.419613 eval-rmse:0.475954 train-mae:997.83 eval-mae:1139.65  
[1172] train-rmse:0.419589 eval-rmse:0.475952 train-mae:997.771 eval-mae:1139.64  
[1173] train-rmse:0.419562 eval-rmse:0.475945 train-mae:997.711 eval-mae:1139.63  
[1174] train-rmse:0.41955 eval-rmse:0.475946 train-mae:997.679 eval-mae:1139.63  
[1175] train-rmse:0.419544 eval-rmse:0.475945 train-mae:997.663 eval-mae:1139.63  
[1176] train-rmse:0.419473 eval-rmse:0.475939 train-mae:997.481 eval-mae:1139.61  
[1177] train-rmse:0.419452 eval-rmse:0.475935 train-mae:997.425 eval-mae:1139.6  
[1178] train-rmse:0.41943 eval-rmse:0.475933 train-mae:997.371 eval-mae:1139.59  
[1179] train-rmse:0.419398 eval-rmse:0.475932 train-mae:997.304 eval-mae:1139.59  
[1180] train-rmse:0.419364 eval-rmse:0.475933 train-mae:997.213 eval-mae:1139.59  
[1181] train-rmse:0.419303 eval-rmse:0.47593 train-mae:997.049 eval-mae:1139.59  
[1182] train-rmse:0.419274 eval-rmse:0.475926 train-mae:996.974 eval-mae:1139.58  
[1183] train-rmse:0.419258 eval-rmse:0.475925 train-mae:996.93 eval-mae:1139.58  
[1184] train-rmse:0.41922 eval-rmse:0.475921 train-mae:996.826 eval-mae:1139.57  
[1185] train-rmse:0.419196 eval-rmse:0.475917 train-mae:996.764 eval-mae:1139.56  
[1186] train-rmse:0.419168 eval-rmse:0.475916 train-mae:996.694 eval-mae:1139.55  
[1187] train-rmse:0.419123 eval-rmse:0.475916 train-mae:996.6 eval-mae:1139.54  
[1188] train-rmse:0.419077 eval-rmse:0.475908 train-mae:996.457 eval-mae:1139.52  
[1189] train-rmse:0.419056 eval-rmse:0.475909 train-mae:996.398 eval-mae:1139.52  
[1190] train-rmse:0.419028 eval-rmse:0.475907 train-mae:996.333 eval-mae:1139.52  
[1191] train-rmse:0.418987 eval-rmse:0.475902 train-mae:996.234 eval-mae:1139.5  
[1192] train-rmse:0.418978 eval-rmse:0.475902 train-mae:996.201 eval-mae:1139.5  
[1193] train-rmse:0.418945 eval-rmse:0.475901 train-mae:996.119 eval-mae:1139.49  
[1194] train-rmse:0.418917 eval-rmse:0.475899 train-mae:996.048 eval-mae:1139.49  
[1195] train-rmse:0.418886 eval-rmse:0.475899 train-mae:995.955 eval-mae:1139.49  
[1196] train-rmse:0.418831 eval-rmse:0.475896 train-mae:995.817 eval-mae:1139.47  
[1197] train-rmse:0.418813 eval-rmse:0.475896 train-mae:995.772 eval-mae:1139.47  
[1198] train-rmse:0.418761 eval-rmse:0.47589 train-mae:995.623 eval-mae:1139.45  
[1199] train-rmse:0.41873 eval-rmse:0.475885 train-mae:995.539 eval-mae:1139.44  
[1200] train-rmse:0.418712 eval-rmse:0.475881 train-mae:995.486 eval-mae:1139.42  
[1201] train-rmse:0.418685 eval-rmse:0.475878 train-mae:995.415 eval-mae:1139.42  
[1202] train-rmse:0.418663 eval-rmse:0.475877 train-mae:995.361 eval-mae:1139.41  
[1203] train-rmse:0.418634 eval-rmse:0.475875 train-mae:995.29 eval-mae:1139.41  
[1204] train-rmse:0.418606 eval-rmse:0.47587 train-mae:995.23 eval-mae:1139.39  
[1205] train-rmse:0.418582 eval-rmse:0.475867 train-mae:995.177 eval-mae:1139.38  
[1206] train-rmse:0.418553 eval-rmse:0.475861 train-mae:995.093 eval-mae:1139.37  
[1207] train-rmse:0.418529 eval-rmse:0.475859 train-mae:995.033 eval-mae:1139.37  
[1208] train-rmse:0.418505 eval-rmse:0.475857 train-mae:994.966 eval-mae:1139.37  
[1209] train-rmse:0.41847 eval-rmse:0.475858 train-mae:994.876 eval-mae:1139.37  
[1210] train-rmse:0.418451 eval-rmse:0.475856 train-mae:994.831 eval-mae:1139.37  
[1211] train-rmse:0.418417 eval-rmse:0.475854 train-mae:994.738 eval-mae:1139.37  
[1212] train-rmse:0.418388 eval-rmse:0.475851 train-mae:994.662 eval-mae:1139.37  
[1213] train-rmse:0.418369 eval-rmse:0.47585 train-mae:994.612 eval-mae:1139.37  
[1214] train-rmse:0.418337 eval-rmse:0.475844 train-mae:994.533 eval-mae:1139.36  
[1215] train-rmse:0.418307 eval-rmse:0.475841 train-mae:994.446 eval-mae:1139.36  
[1216] train-rmse:0.418296 eval-rmse:0.475837 train-mae:994.418 eval-mae:1139.34  
[1217] train-rmse:0.418288 eval-rmse:0.475838 train-mae:994.391 eval-mae:1139.34  
[1218] train-rmse:0.418257 eval-rmse:0.475831 train-mae:994.306 eval-mae:1139.32  
[1219] train-rmse:0.418242 eval-rmse:0.47583 train-mae:994.263 eval-mae:1139.31

[1220]	train-rmse:0.41821	eval-rmse:0.475824	train-mae:994.179	eval-mae:1139.29
[1221]	train-rmse:0.418191	eval-rmse:0.475822	train-mae:994.129	eval-mae:1139.28
[1222]	train-rmse:0.418181	eval-rmse:0.475819	train-mae:994.093	eval-mae:1139.26
[1223]	train-rmse:0.418135	eval-rmse:0.47581	train-mae:993.983	eval-mae:1139.23
[1224]	train-rmse:0.418114	eval-rmse:0.475811	train-mae:993.916	eval-mae:1139.23
[1225]	train-rmse:0.418061	eval-rmse:0.475802	train-mae:993.763	eval-mae:1139.21
[1226]	train-rmse:0.418043	eval-rmse:0.475802	train-mae:993.713	eval-mae:1139.21
[1227]	train-rmse:0.418001	eval-rmse:0.475798	train-mae:993.598	eval-mae:1139.19
[1228]	train-rmse:0.417976	eval-rmse:0.475796	train-mae:993.539	eval-mae:1139.19
[1229]	train-rmse:0.417943	eval-rmse:0.475789	train-mae:993.438	eval-mae:1139.17
[1230]	train-rmse:0.417908	eval-rmse:0.475789	train-mae:993.36	eval-mae:1139.17
[1231]	train-rmse:0.417886	eval-rmse:0.475788	train-mae:993.31	eval-mae:1139.16
[1232]	train-rmse:0.417861	eval-rmse:0.475786	train-mae:993.244	eval-mae:1139.16
[1233]	train-rmse:0.417833	eval-rmse:0.475784	train-mae:993.176	eval-mae:1139.15
[1234]	train-rmse:0.417825	eval-rmse:0.475783	train-mae:993.156	eval-mae:1139.15
[1235]	train-rmse:0.417787	eval-rmse:0.475785	train-mae:993.068	eval-mae:1139.15
[1236]	train-rmse:0.417752	eval-rmse:0.475784	train-mae:992.986	eval-mae:1139.15
[1237]	train-rmse:0.41772	eval-rmse:0.475784	train-mae:992.904	eval-mae:1139.16
[1238]	train-rmse:0.417706	eval-rmse:0.475782	train-mae:992.869	eval-mae:1139.14
[1239]	train-rmse:0.417681	eval-rmse:0.475778	train-mae:992.794	eval-mae:1139.13
[1240]	train-rmse:0.417651	eval-rmse:0.475775	train-mae:992.717	eval-mae:1139.12
[1241]	train-rmse:0.417627	eval-rmse:0.475776	train-mae:992.647	eval-mae:1139.12
[1242]	train-rmse:0.417608	eval-rmse:0.475776	train-mae:992.605	eval-mae:1139.12
[1243]	train-rmse:0.417582	eval-rmse:0.475775	train-mae:992.543	eval-mae:1139.12
[1244]	train-rmse:0.417551	eval-rmse:0.475774	train-mae:992.467	eval-mae:1139.12
[1245]	train-rmse:0.417535	eval-rmse:0.475774	train-mae:992.421	eval-mae:1139.13
[1246]	train-rmse:0.417503	eval-rmse:0.475769	train-mae:992.326	eval-mae:1139.11
[1247]	train-rmse:0.417493	eval-rmse:0.475767	train-mae:992.3	eval-mae:1139.11
[1248]	train-rmse:0.417465	eval-rmse:0.475769	train-mae:992.23	eval-mae:1139.11
[1249]	train-rmse:0.41746	eval-rmse:0.475768	train-mae:992.214	eval-mae:1139.11
[1250]	train-rmse:0.417439	eval-rmse:0.475767	train-mae:992.158	eval-mae:1139.1
[1251]	train-rmse:0.417431	eval-rmse:0.475765	train-mae:992.132	eval-mae:1139.1
[1252]	train-rmse:0.417416	eval-rmse:0.475761	train-mae:992.082	eval-mae:1139.08
[1253]	train-rmse:0.41739	eval-rmse:0.475759	train-mae:992.001	eval-mae:1139.08
[1254]	train-rmse:0.417353	eval-rmse:0.475757	train-mae:991.917	eval-mae:1139.07
[1255]	train-rmse:0.417343	eval-rmse:0.475757	train-mae:991.889	eval-mae:1139.07
[1256]	train-rmse:0.417317	eval-rmse:0.475754	train-mae:991.819	eval-mae:1139.07
[1257]	train-rmse:0.417299	eval-rmse:0.475754	train-mae:991.767	eval-mae:1139.06
[1258]	train-rmse:0.417289	eval-rmse:0.475754	train-mae:991.743	eval-mae:1139.06
[1259]	train-rmse:0.417262	eval-rmse:0.475753	train-mae:991.677	eval-mae:1139.06
[1260]	train-rmse:0.417239	eval-rmse:0.475749	train-mae:991.612	eval-mae:1139.05
[1261]	train-rmse:0.417233	eval-rmse:0.47575	train-mae:991.596	eval-mae:1139.05
[1262]	train-rmse:0.417198	eval-rmse:0.47575	train-mae:991.51	eval-mae:1139.05
[1263]	train-rmse:0.417172	eval-rmse:0.475749	train-mae:991.443	eval-mae:1139.05
[1264]	train-rmse:0.417129	eval-rmse:0.475747	train-mae:991.348	eval-mae:1139.05
[1265]	train-rmse:0.417095	eval-rmse:0.475744	train-mae:991.27	eval-mae:1139.03
[1266]	train-rmse:0.41706	eval-rmse:0.47574	train-mae:991.192	eval-mae:1139.02
[1267]	train-rmse:0.417039	eval-rmse:0.475738	train-mae:991.14	eval-mae:1139.01
[1268]	train-rmse:0.417026	eval-rmse:0.475737	train-mae:991.102	eval-mae:1139.01
[1269]	train-rmse:0.417017	eval-rmse:0.475736	train-mae:991.071	eval-mae:1139.01
[1270]	train-rmse:0.416987	eval-rmse:0.475736	train-mae:990.99	eval-mae:1139
[1271]	train-rmse:0.416933	eval-rmse:0.47573	train-mae:990.845	eval-mae:1138.98
[1272]	train-rmse:0.416893	eval-rmse:0.475725	train-mae:990.742	eval-mae:1138.96
[1273]	train-rmse:0.41687	eval-rmse:0.475723	train-mae:990.692	eval-mae:1138.95
[1274]	train-rmse:0.416852	eval-rmse:0.475722	train-mae:990.649	eval-mae:1138.95
[1275]	train-rmse:0.416835	eval-rmse:0.47572	train-mae:990.595	eval-mae:1138.94
[1276]	train-rmse:0.416824	eval-rmse:0.475718	train-mae:990.566	eval-mae:1138.94
[1277]	train-rmse:0.416802	eval-rmse:0.475714	train-mae:990.506	eval-mae:1138.93
[1278]	train-rmse:0.416773	eval-rmse:0.475715	train-mae:990.436	eval-mae:1138.93
[1279]	train-rmse:0.416746	eval-rmse:0.475711	train-mae:990.364	eval-mae:1138.91
[1280]	train-rmse:0.416714	eval-rmse:0.475709	train-mae:990.289	eval-mae:1138.91
[1281]	train-rmse:0.416697	eval-rmse:0.475709	train-mae:990.246	eval-mae:1138.91
[1282]	train-rmse:0.416642	eval-rmse:0.475708	train-mae:990.107	eval-mae:1138.91
[1283]	train-rmse:0.416637	eval-rmse:0.475708	train-mae:990.088	eval-mae:1138.91
[1284]	train-rmse:0.4166	eval-rmse:0.475705	train-mae:989.993	eval-mae:1138.89
[1285]	train-rmse:0.416566	eval-rmse:0.475706	train-mae:989.906	eval-mae:1138.89
[1286]	train-rmse:0.416553	eval-rmse:0.475704	train-mae:989.88	eval-mae:1138.89
[1287]	train-rmse:0.416516	eval-rmse:0.4757	train-mae:989.783	eval-mae:1138.88
[1288]	train-rmse:0.416498	eval-rmse:0.475697	train-mae:989.736	eval-mae:1138.87
[1289]	train-rmse:0.416471	eval-rmse:0.475692	train-mae:989.655	eval-mae:1138.85
[1290]	train-rmse:0.416459	eval-rmse:0.475691	train-mae:989.621	eval-mae:1138.85
[1291]	train-rmse:0.416455	eval-rmse:0.475692	train-mae:989.612	eval-mae:1138.85

[1292] train-rmse:0.416435 eval-rmse:0.475569 train-mae:989.558 eval-mae:1138.85  
[1293] train-rmse:0.41642 eval-rmse:0.475692 train-mae:989.523 eval-mae:1138.85  
[1294] train-rmse:0.416409 eval-rmse:0.475692 train-mae:989.49 eval-mae:1138.84  
[1295] train-rmse:0.416395 eval-rmse:0.475689 train-mae:989.451 eval-mae:1138.83  
[1296] train-rmse:0.416373 eval-rmse:0.475688 train-mae:989.401 eval-mae:1138.83  
[1297] train-rmse:0.416336 eval-rmse:0.475685 train-mae:989.311 eval-mae:1138.82  
[1298] train-rmse:0.416319 eval-rmse:0.475684 train-mae:989.27 eval-mae:1138.82  
[1299] train-rmse:0.416298 eval-rmse:0.475685 train-mae:989.209 eval-mae:1138.82  
[1300] train-rmse:0.416265 eval-rmse:0.475682 train-mae:989.116 eval-mae:1138.82  
[1301] train-rmse:0.416246 eval-rmse:0.475681 train-mae:989.063 eval-mae:1138.81  
[1302] train-rmse:0.416218 eval-rmse:0.475677 train-mae:988.992 eval-mae:1138.8  
[1303] train-rmse:0.416189 eval-rmse:0.475675 train-mae:988.918 eval-mae:1138.78  
[1304] train-rmse:0.416175 eval-rmse:0.475673 train-mae:988.875 eval-mae:1138.78  
[1305] train-rmse:0.416164 eval-rmse:0.475673 train-mae:988.834 eval-mae:1138.77  
[1306] train-rmse:0.416138 eval-rmse:0.475672 train-mae:988.763 eval-mae:1138.77  
[1307] train-rmse:0.41613 eval-rmse:0.475671 train-mae:988.739 eval-mae:1138.77  
[1308] train-rmse:0.416072 eval-rmse:0.47567 train-mae:988.614 eval-mae:1138.76  
[1309] train-rmse:0.416035 eval-rmse:0.475668 train-mae:988.507 eval-mae:1138.75  
[1310] train-rmse:0.416001 eval-rmse:0.475662 train-mae:988.416 eval-mae:1138.73  
[1311] train-rmse:0.41597 eval-rmse:0.475657 train-mae:988.337 eval-mae:1138.72  
[1312] train-rmse:0.415959 eval-rmse:0.475656 train-mae:988.307 eval-mae:1138.73  
[1313] train-rmse:0.415926 eval-rmse:0.475655 train-mae:988.216 eval-mae:1138.73  
[1314] train-rmse:0.415911 eval-rmse:0.47565 train-mae:988.175 eval-mae:1138.73  
[1315] train-rmse:0.415885 eval-rmse:0.475648 train-mae:988.116 eval-mae:1138.72  
[1316] train-rmse:0.415861 eval-rmse:0.475646 train-mae:988.049 eval-mae:1138.72  
[1317] train-rmse:0.415844 eval-rmse:0.475645 train-mae:988.005 eval-mae:1138.71  
[1318] train-rmse:0.415825 eval-rmse:0.475643 train-mae:987.964 eval-mae:1138.71  
[1319] train-rmse:0.415777 eval-rmse:0.475642 train-mae:987.844 eval-mae:1138.7  
[1320] train-rmse:0.415752 eval-rmse:0.475636 train-mae:987.772 eval-mae:1138.67  
[1321] train-rmse:0.415719 eval-rmse:0.475629 train-mae:987.674 eval-mae:1138.65  
[1322] train-rmse:0.415701 eval-rmse:0.475626 train-mae:987.631 eval-mae:1138.64  
[1323] train-rmse:0.415687 eval-rmse:0.475626 train-mae:987.592 eval-mae:1138.64  
[1324] train-rmse:0.415677 eval-rmse:0.475625 train-mae:987.569 eval-mae:1138.63  
[1325] train-rmse:0.415637 eval-rmse:0.475621 train-mae:987.467 eval-mae:1138.64  
[1326] train-rmse:0.415634 eval-rmse:0.475621 train-mae:987.456 eval-mae:1138.63  
[1327] train-rmse:0.4156 eval-rmse:0.475619 train-mae:987.37 eval-mae:1138.62  
[1328] train-rmse:0.415571 eval-rmse:0.475617 train-mae:987.303 eval-mae:1138.62  
[1329] train-rmse:0.415563 eval-rmse:0.475617 train-mae:987.279 eval-mae:1138.62  
[1330] train-rmse:0.415541 eval-rmse:0.475614 train-mae:987.214 eval-mae:1138.61  
[1331] train-rmse:0.41551 eval-rmse:0.475612 train-mae:987.122 eval-mae:1138.61  
[1332] train-rmse:0.415494 eval-rmse:0.475613 train-mae:987.083 eval-mae:1138.62  
[1333] train-rmse:0.415478 eval-rmse:0.475612 train-mae:987.041 eval-mae:1138.62  
[1334] train-rmse:0.415439 eval-rmse:0.475608 train-mae:986.945 eval-mae:1138.61  
[1335] train-rmse:0.41541 eval-rmse:0.475608 train-mae:986.874 eval-mae:1138.61  
[1336] train-rmse:0.415377 eval-rmse:0.475604 train-mae:986.785 eval-mae:1138.6  
[1337] train-rmse:0.415356 eval-rmse:0.475599 train-mae:986.72 eval-mae:1138.59  
[1338] train-rmse:0.415327 eval-rmse:0.475596 train-mae:986.647 eval-mae:1138.58  
[1339] train-rmse:0.4153 eval-rmse:0.475596 train-mae:986.576 eval-mae:1138.59  
[1340] train-rmse:0.415278 eval-rmse:0.475595 train-mae:986.522 eval-mae:1138.58  
[1341] train-rmse:0.415234 eval-rmse:0.475591 train-mae:986.416 eval-mae:1138.57  
[1342] train-rmse:0.415202 eval-rmse:0.475586 train-mae:986.332 eval-mae:1138.55  
[1343] train-rmse:0.415178 eval-rmse:0.475582 train-mae:986.263 eval-mae:1138.54  
[1344] train-rmse:0.415144 eval-rmse:0.475584 train-mae:986.184 eval-mae:1138.55  
[1345] train-rmse:0.415133 eval-rmse:0.475584 train-mae:986.161 eval-mae:1138.55  
[1346] train-rmse:0.415104 eval-rmse:0.475577 train-mae:986.079 eval-mae:1138.54  
[1347] train-rmse:0.415098 eval-rmse:0.475577 train-mae:986.055 eval-mae:1138.53  
[1348] train-rmse:0.415089 eval-rmse:0.475576 train-mae:986.023 eval-mae:1138.53  
[1349] train-rmse:0.415058 eval-rmse:0.475573 train-mae:985.938 eval-mae:1138.52  
[1350] train-rmse:0.415033 eval-rmse:0.475566 train-mae:985.879 eval-mae:1138.5  
[1351] train-rmse:0.415028 eval-rmse:0.475566 train-mae:985.863 eval-mae:1138.5  
[1352] train-rmse:0.415009 eval-rmse:0.475565 train-mae:985.815 eval-mae:1138.51  
[1353] train-rmse:0.414994 eval-rmse:0.475564 train-mae:985.778 eval-mae:1138.51  
[1354] train-rmse:0.414962 eval-rmse:0.475564 train-mae:985.691 eval-mae:1138.51  
[1355] train-rmse:0.414943 eval-rmse:0.475563 train-mae:985.647 eval-mae:1138.51  
[1356] train-rmse:0.414933 eval-rmse:0.47556 train-mae:985.623 eval-mae:1138.49  
[1357] train-rmse:0.414917 eval-rmse:0.475562 train-mae:985.586 eval-mae:1138.5  
[1358] train-rmse:0.414898 eval-rmse:0.475558 train-mae:985.526 eval-mae:1138.49  
[1359] train-rmse:0.414857 eval-rmse:0.475557 train-mae:985.43 eval-mae:1138.49  
[1360] train-rmse:0.414844 eval-rmse:0.475558 train-mae:985.402 eval-mae:1138.49  
[1361] train-rmse:0.414822 eval-rmse:0.475557 train-mae:985.337 eval-mae:1138.48  
[1362] train-rmse:0.414792 eval-rmse:0.475552 train-mae:985.262 eval-mae:1138.46  
[1363] train-rmse:0.414783 eval-rmse:0.475553 train-mae:985.234 eval-mae:1138.46

[1364] train-rmse:0.414762 eval-rmse:0.475551 train-mae:985.18 eval-mae:1138.46  
[1365] train-rmse:0.414734 eval-rmse:0.475552 train-mae:985.108 eval-mae:1138.45  
[1366] train-rmse:0.414693 eval-rmse:0.475551 train-mae:985.003 eval-mae:1138.44  
[1367] train-rmse:0.414661 eval-rmse:0.475549 train-mae:984.932 eval-mae:1138.44  
[1368] train-rmse:0.41464 eval-rmse:0.475547 train-mae:984.874 eval-mae:1138.43  
[1369] train-rmse:0.41461 eval-rmse:0.475545 train-mae:984.786 eval-mae:1138.43  
[1370] train-rmse:0.414574 eval-rmse:0.475543 train-mae:984.695 eval-mae:1138.41  
[1371] train-rmse:0.414546 eval-rmse:0.475541 train-mae:984.619 eval-mae:1138.41  
[1372] train-rmse:0.41452 eval-rmse:0.475538 train-mae:984.557 eval-mae:1138.41  
[1373] train-rmse:0.414504 eval-rmse:0.475537 train-mae:984.519 eval-mae:1138.41  
[1374] train-rmse:0.414474 eval-rmse:0.475536 train-mae:984.453 eval-mae:1138.4  
[1375] train-rmse:0.414452 eval-rmse:0.475532 train-mae:984.393 eval-mae:1138.39  
[1376] train-rmse:0.414441 eval-rmse:0.475529 train-mae:984.363 eval-mae:1138.39  
[1377] train-rmse:0.414406 eval-rmse:0.475528 train-mae:984.28 eval-mae:1138.39  
[1378] train-rmse:0.414394 eval-rmse:0.475525 train-mae:984.25 eval-mae:1138.38  
[1379] train-rmse:0.414388 eval-rmse:0.475525 train-mae:984.229 eval-mae:1138.38  
[1380] train-rmse:0.414376 eval-rmse:0.475523 train-mae:984.196 eval-mae:1138.37  
[1381] train-rmse:0.414361 eval-rmse:0.475521 train-mae:984.154 eval-mae:1138.36  
[1382] train-rmse:0.41433 eval-rmse:0.475523 train-mae:984.076 eval-mae:1138.37  
[1383] train-rmse:0.414278 eval-rmse:0.475521 train-mae:983.943 eval-mae:1138.35  
[1384] train-rmse:0.414252 eval-rmse:0.475519 train-mae:983.88 eval-mae:1138.34  
[1385] train-rmse:0.414231 eval-rmse:0.475519 train-mae:983.823 eval-mae:1138.34  
[1386] train-rmse:0.41422 eval-rmse:0.475519 train-mae:983.797 eval-mae:1138.34  
[1387] train-rmse:0.414164 eval-rmse:0.475509 train-mae:983.66 eval-mae:1138.31  
[1388] train-rmse:0.414125 eval-rmse:0.475504 train-mae:983.543 eval-mae:1138.29  
[1389] train-rmse:0.414109 eval-rmse:0.475502 train-mae:983.5 eval-mae:1138.28  
[1390] train-rmse:0.414092 eval-rmse:0.475495 train-mae:983.447 eval-mae:1138.26  
[1391] train-rmse:0.414069 eval-rmse:0.475497 train-mae:983.395 eval-mae:1138.26  
[1392] train-rmse:0.414063 eval-rmse:0.475497 train-mae:983.381 eval-mae:1138.27  
[1393] train-rmse:0.414054 eval-rmse:0.475496 train-mae:983.358 eval-mae:1138.26  
[1394] train-rmse:0.414035 eval-rmse:0.475495 train-mae:983.308 eval-mae:1138.26  
[1395] train-rmse:0.413993 eval-rmse:0.475488 train-mae:983.195 eval-mae:1138.23  
[1396] train-rmse:0.413973 eval-rmse:0.475487 train-mae:983.146 eval-mae:1138.23  
[1397] train-rmse:0.413959 eval-rmse:0.475486 train-mae:983.103 eval-mae:1138.23  
[1398] train-rmse:0.413951 eval-rmse:0.475485 train-mae:983.082 eval-mae:1138.23  
[1399] train-rmse:0.413933 eval-rmse:0.475481 train-mae:983.037 eval-mae:1138.22  
[1400] train-rmse:0.413902 eval-rmse:0.47548 train-mae:982.951 eval-mae:1138.21  
[1401] train-rmse:0.413869 eval-rmse:0.475479 train-mae:982.881 eval-mae:1138.2  
[1402] train-rmse:0.413864 eval-rmse:0.475479 train-mae:982.868 eval-mae:1138.2  
[1403] train-rmse:0.413847 eval-rmse:0.475478 train-mae:982.827 eval-mae:1138.21  
[1404] train-rmse:0.413828 eval-rmse:0.47548 train-mae:982.777 eval-mae:1138.22  
[1405] train-rmse:0.413799 eval-rmse:0.475479 train-mae:982.715 eval-mae:1138.22  
[1406] train-rmse:0.413759 eval-rmse:0.475478 train-mae:982.615 eval-mae:1138.22  
[1407] train-rmse:0.413742 eval-rmse:0.475475 train-mae:982.566 eval-mae:1138.21  
[1408] train-rmse:0.413734 eval-rmse:0.475475 train-mae:982.542 eval-mae:1138.21  
[1409] train-rmse:0.413707 eval-rmse:0.475475 train-mae:982.466 eval-mae:1138.2  
[1410] train-rmse:0.413683 eval-rmse:0.475473 train-mae:982.408 eval-mae:1138.19  
[1411] train-rmse:0.413665 eval-rmse:0.475471 train-mae:982.353 eval-mae:1138.19  
[1412] train-rmse:0.413655 eval-rmse:0.47547 train-mae:982.318 eval-mae:1138.18  
[1413] train-rmse:0.413643 eval-rmse:0.475469 train-mae:982.286 eval-mae:1138.18  
[1414] train-rmse:0.413627 eval-rmse:0.475467 train-mae:982.25 eval-mae:1138.18  
[1415] train-rmse:0.413595 eval-rmse:0.475462 train-mae:982.172 eval-mae:1138.18  
[1416] train-rmse:0.41358 eval-rmse:0.47546 train-mae:982.128 eval-mae:1138.17  
[1417] train-rmse:0.413557 eval-rmse:0.47546 train-mae:982.06 eval-mae:1138.17  
[1418] train-rmse:0.413522 eval-rmse:0.475456 train-mae:981.959 eval-mae:1138.15  
[1419] train-rmse:0.413493 eval-rmse:0.475452 train-mae:981.896 eval-mae:1138.14  
[1420] train-rmse:0.413482 eval-rmse:0.475452 train-mae:981.87 eval-mae:1138.14  
[1421] train-rmse:0.413465 eval-rmse:0.475453 train-mae:981.826 eval-mae:1138.15  
[1422] train-rmse:0.413439 eval-rmse:0.475451 train-mae:981.754 eval-mae:1138.15  
[1423] train-rmse:0.413417 eval-rmse:0.475451 train-mae:981.688 eval-mae:1138.13  
[1424] train-rmse:0.41341 eval-rmse:0.47545 train-mae:981.661 eval-mae:1138.13  
[1425] train-rmse:0.413391 eval-rmse:0.475452 train-mae:981.619 eval-mae:1138.13  
[1426] train-rmse:0.41337 eval-rmse:0.475449 train-mae:981.558 eval-mae:1138.12  
[1427] train-rmse:0.413356 eval-rmse:0.475448 train-mae:981.518 eval-mae:1138.12  
[1428] train-rmse:0.413341 eval-rmse:0.475446 train-mae:981.479 eval-mae:1138.11  
[1429] train-rmse:0.413321 eval-rmse:0.475443 train-mae:981.421 eval-mae:1138.11  
[1430] train-rmse:0.413309 eval-rmse:0.475444 train-mae:981.396 eval-mae:1138.11  
[1431] train-rmse:0.413288 eval-rmse:0.475441 train-mae:981.349 eval-mae:1138.11  
[1432] train-rmse:0.413278 eval-rmse:0.475439 train-mae:981.318 eval-mae:1138.11  
[1433] train-rmse:0.413244 eval-rmse:0.47544 train-mae:981.225 eval-mae:1138.1  
[1434] train-rmse:0.413225 eval-rmse:0.475442 train-mae:981.176 eval-mae:1138.11  
[1435] train-rmse:0.413207 eval-rmse:0.475441 train-mae:981.123 eval-mae:1138.11

[1436] train-rmse:0.413176 eval-rmse:0.47544 train-mae:981.046 eval-mae:1138.1  
[1437] train-rmse:0.413152 eval-rmse:0.47544 train-mae:980.973 eval-mae:1138.1  
[1438] train-rmse:0.413134 eval-rmse:0.475436 train-mae:980.932 eval-mae:1138.09  
[1439] train-rmse:0.413117 eval-rmse:0.475438 train-mae:980.888 eval-mae:1138.1  
[1440] train-rmse:0.413092 eval-rmse:0.475435 train-mae:980.83 eval-mae:1138.09  
[1441] train-rmse:0.413075 eval-rmse:0.475434 train-mae:980.788 eval-mae:1138.08  
[1442] train-rmse:0.413064 eval-rmse:0.475433 train-mae:980.763 eval-mae:1138.07  
[1443] train-rmse:0.413045 eval-rmse:0.475433 train-mae:980.71 eval-mae:1138.07  
[1444] train-rmse:0.413005 eval-rmse:0.475434 train-mae:980.603 eval-mae:1138.07  
[1445] train-rmse:0.412973 eval-rmse:0.475431 train-mae:980.52 eval-mae:1138.07  
[1446] train-rmse:0.412961 eval-rmse:0.475429 train-mae:980.49 eval-mae:1138.07  
[1447] train-rmse:0.412929 eval-rmse:0.475425 train-mae:980.411 eval-mae:1138.07  
[1448] train-rmse:0.412892 eval-rmse:0.475421 train-mae:980.326 eval-mae:1138.05  
[1449] train-rmse:0.412854 eval-rmse:0.475419 train-mae:980.24 eval-mae:1138.06  
[1450] train-rmse:0.412839 eval-rmse:0.475418 train-mae:980.205 eval-mae:1138.06  
[1451] train-rmse:0.41281 eval-rmse:0.475417 train-mae:980.133 eval-mae:1138.05  
[1452] train-rmse:0.41279 eval-rmse:0.475415 train-mae:980.076 eval-mae:1138.04  
[1453] train-rmse:0.412757 eval-rmse:0.475412 train-mae:979.985 eval-mae:1138.03  
[1454] train-rmse:0.412752 eval-rmse:0.475411 train-mae:979.972 eval-mae:1138.02  
[1455] train-rmse:0.412746 eval-rmse:0.475409 train-mae:979.955 eval-mae:1138.02  
[1456] train-rmse:0.412714 eval-rmse:0.47541 train-mae:979.866 eval-mae:1138.01  
[1457] train-rmse:0.412677 eval-rmse:0.475409 train-mae:979.765 eval-mae:1138.02  
[1458] train-rmse:0.412652 eval-rmse:0.475407 train-mae:979.702 eval-mae:1138.02  
[1459] train-rmse:0.412627 eval-rmse:0.475408 train-mae:979.627 eval-mae:1138.01  
[1460] train-rmse:0.412594 eval-rmse:0.475406 train-mae:979.555 eval-mae:1138  
[1461] train-rmse:0.412582 eval-rmse:0.475406 train-mae:979.521 eval-mae:1138  
[1462] train-rmse:0.412563 eval-rmse:0.475407 train-mae:979.473 eval-mae:1138  
[1463] train-rmse:0.41254 eval-rmse:0.475404 train-mae:979.405 eval-mae:1137.99  
[1464] train-rmse:0.412511 eval-rmse:0.475403 train-mae:979.329 eval-mae:1137.99  
[1465] train-rmse:0.4125 eval-rmse:0.475402 train-mae:979.298 eval-mae:1137.98  
[1466] train-rmse:0.412488 eval-rmse:0.475401 train-mae:979.265 eval-mae:1137.99  
[1467] train-rmse:0.412476 eval-rmse:0.475398 train-mae:979.234 eval-mae:1137.99  
[1468] train-rmse:0.412438 eval-rmse:0.475396 train-mae:979.142 eval-mae:1137.99  
[1469] train-rmse:0.412414 eval-rmse:0.475397 train-mae:979.083 eval-mae:1137.99  
[1470] train-rmse:0.412397 eval-rmse:0.475397 train-mae:979.038 eval-mae:1137.99  
[1471] train-rmse:0.412386 eval-rmse:0.475395 train-mae:979.007 eval-mae:1137.98  
[1472] train-rmse:0.412378 eval-rmse:0.475396 train-mae:978.985 eval-mae:1137.99  
[1473] train-rmse:0.412355 eval-rmse:0.475393 train-mae:978.933 eval-mae:1137.98  
[1474] train-rmse:0.412335 eval-rmse:0.475392 train-mae:978.877 eval-mae:1137.98  
[1475] train-rmse:0.412319 eval-rmse:0.475391 train-mae:978.841 eval-mae:1137.96  
[1476] train-rmse:0.412302 eval-rmse:0.475389 train-mae:978.798 eval-mae:1137.95  
[1477] train-rmse:0.412295 eval-rmse:0.475391 train-mae:978.78 eval-mae:1137.96  
[1478] train-rmse:0.412284 eval-rmse:0.475389 train-mae:978.755 eval-mae:1137.95  
[1479] train-rmse:0.412277 eval-rmse:0.47539 train-mae:978.733 eval-mae:1137.95  
[1480] train-rmse:0.412246 eval-rmse:0.47539 train-mae:978.662 eval-mae:1137.95  
[1481] train-rmse:0.412216 eval-rmse:0.475387 train-mae:978.574 eval-mae:1137.94  
[1482] train-rmse:0.412202 eval-rmse:0.475386 train-mae:978.545 eval-mae:1137.94  
[1483] train-rmse:0.41217 eval-rmse:0.475382 train-mae:978.458 eval-mae:1137.92  
[1484] train-rmse:0.412153 eval-rmse:0.47538 train-mae:978.418 eval-mae:1137.91  
[1485] train-rmse:0.412143 eval-rmse:0.475382 train-mae:978.387 eval-mae:1137.91  
[1486] train-rmse:0.412117 eval-rmse:0.475378 train-mae:978.323 eval-mae:1137.91  
[1487] train-rmse:0.412105 eval-rmse:0.475379 train-mae:978.292 eval-mae:1137.91  
[1488] train-rmse:0.412086 eval-rmse:0.475379 train-mae:978.24 eval-mae:1137.91  
[1489] train-rmse:0.412055 eval-rmse:0.475381 train-mae:978.159 eval-mae:1137.91  
[1490] train-rmse:0.412023 eval-rmse:0.47538 train-mae:978.078 eval-mae:1137.91  
[1491] train-rmse:0.411995 eval-rmse:0.475373 train-mae:978.018 eval-mae:1137.9  
[1492] train-rmse:0.411961 eval-rmse:0.475371 train-mae:977.92 eval-mae:1137.89  
[1493] train-rmse:0.411953 eval-rmse:0.47537 train-mae:977.9 eval-mae:1137.88  
[1494] train-rmse:0.411937 eval-rmse:0.475372 train-mae:977.861 eval-mae:1137.89  
[1495] train-rmse:0.411922 eval-rmse:0.47537 train-mae:977.823 eval-mae:1137.87  
[1496] train-rmse:0.4119 eval-rmse:0.475368 train-mae:977.776 eval-mae:1137.87  
[1497] train-rmse:0.411881 eval-rmse:0.475369 train-mae:977.729 eval-mae:1137.86  
[1498] train-rmse:0.41187 eval-rmse:0.475366 train-mae:977.705 eval-mae:1137.86  
[1499] train-rmse:0.411836 eval-rmse:0.475363 train-mae:977.618 eval-mae:1137.84  
[1500] train-rmse:0.411828 eval-rmse:0.475362 train-mae:977.598 eval-mae:1137.84  
[1501] train-rmse:0.411821 eval-rmse:0.475362 train-mae:977.584 eval-mae:1137.84  
[1502] train-rmse:0.411794 eval-rmse:0.475364 train-mae:977.51 eval-mae:1137.85  
[1503] train-rmse:0.41177 eval-rmse:0.475364 train-mae:977.445 eval-mae:1137.86  
[1504] train-rmse:0.411758 eval-rmse:0.475364 train-mae:977.404 eval-mae:1137.85  
[1505] train-rmse:0.411743 eval-rmse:0.475363 train-mae:977.36 eval-mae:1137.86  
[1506] train-rmse:0.411727 eval-rmse:0.475363 train-mae:977.318 eval-mae:1137.85  
[1507] train-rmse:0.411703 eval-rmse:0.475363 train-mae:977.252 eval-mae:1137.86

[1508] train-rmse:0.4117 eval-rmse:0.475363 train-mae:977.236 eval-mae:1137.86  
[1509] train-rmse:0.411676 eval-rmse:0.475361 train-mae:977.182 eval-mae:1137.86  
[1510] train-rmse:0.411668 eval-rmse:0.475359 train-mae:977.166 eval-mae:1137.86  
[1511] train-rmse:0.411648 eval-rmse:0.475355 train-mae:977.118 eval-mae:1137.85  
[1512] train-rmse:0.411618 eval-rmse:0.475354 train-mae:977.039 eval-mae:1137.85  
[1513] train-rmse:0.41159 eval-rmse:0.475352 train-mae:976.974 eval-mae:1137.85  
[1514] train-rmse:0.411568 eval-rmse:0.475352 train-mae:976.918 eval-mae:1137.85  
[1515] train-rmse:0.411535 eval-rmse:0.475349 train-mae:976.837 eval-mae:1137.84  
[1516] train-rmse:0.411497 eval-rmse:0.475345 train-mae:976.748 eval-mae:1137.83  
[1517] train-rmse:0.411471 eval-rmse:0.475344 train-mae:976.68 eval-mae:1137.82  
[1518] train-rmse:0.411462 eval-rmse:0.475343 train-mae:976.646 eval-mae:1137.82  
[1519] train-rmse:0.411437 eval-rmse:0.475343 train-mae:976.586 eval-mae:1137.82  
[1520] train-rmse:0.411431 eval-rmse:0.475344 train-mae:976.566 eval-mae:1137.83  
[1521] train-rmse:0.41142 eval-rmse:0.475344 train-mae:976.535 eval-mae:1137.82  
[1522] train-rmse:0.411417 eval-rmse:0.475343 train-mae:976.528 eval-mae:1137.82  
[1523] train-rmse:0.411385 eval-rmse:0.475345 train-mae:976.454 eval-mae:1137.82  
[1524] train-rmse:0.411379 eval-rmse:0.475346 train-mae:976.438 eval-mae:1137.82  
[1525] train-rmse:0.411365 eval-rmse:0.475345 train-mae:976.394 eval-mae:1137.83  
[1526] train-rmse:0.411353 eval-rmse:0.475346 train-mae:976.36 eval-mae:1137.83  
[1527] train-rmse:0.411316 eval-rmse:0.47534 train-mae:976.26 eval-mae:1137.81  
[1528] train-rmse:0.411295 eval-rmse:0.475339 train-mae:976.206 eval-mae:1137.8  
[1529] train-rmse:0.411284 eval-rmse:0.475335 train-mae:976.178 eval-mae:1137.78  
[1530] train-rmse:0.411281 eval-rmse:0.475334 train-mae:976.17 eval-mae:1137.78  
[1531] train-rmse:0.411261 eval-rmse:0.475333 train-mae:976.121 eval-mae:1137.79  
[1532] train-rmse:0.411248 eval-rmse:0.475334 train-mae:976.092 eval-mae:1137.79  
[1533] train-rmse:0.411229 eval-rmse:0.475336 train-mae:976.043 eval-mae:1137.79  
[1534] train-rmse:0.411221 eval-rmse:0.475335 train-mae:976.025 eval-mae:1137.79  
[1535] train-rmse:0.411206 eval-rmse:0.475334 train-mae:975.992 eval-mae:1137.79  
[1536] train-rmse:0.411192 eval-rmse:0.475331 train-mae:975.957 eval-mae:1137.78  
[1537] train-rmse:0.411173 eval-rmse:0.47533 train-mae:975.897 eval-mae:1137.76  
[1538] train-rmse:0.411166 eval-rmse:0.475329 train-mae:975.879 eval-mae:1137.76  
[1539] train-rmse:0.411134 eval-rmse:0.475326 train-mae:975.799 eval-mae:1137.75  
[1540] train-rmse:0.411109 eval-rmse:0.475326 train-mae:975.736 eval-mae:1137.75  
[1541] train-rmse:0.411072 eval-rmse:0.475329 train-mae:975.652 eval-mae:1137.76  
[1542] train-rmse:0.411068 eval-rmse:0.475328 train-mae:975.64 eval-mae:1137.76  
[1543] train-rmse:0.41104 eval-rmse:0.475329 train-mae:975.561 eval-mae:1137.76  
[1544] train-rmse:0.411034 eval-rmse:0.475327 train-mae:975.537 eval-mae:1137.76  
[1545] train-rmse:0.411028 eval-rmse:0.475327 train-mae:975.52 eval-mae:1137.76  
[1546] train-rmse:0.411011 eval-rmse:0.475324 train-mae:975.472 eval-mae:1137.75  
[1547] train-rmse:0.410987 eval-rmse:0.475324 train-mae:975.412 eval-mae:1137.75  
[1548] train-rmse:0.410982 eval-rmse:0.475324 train-mae:975.402 eval-mae:1137.75  
[1549] train-rmse:0.410972 eval-rmse:0.475323 train-mae:975.369 eval-mae:1137.75  
[1550] train-rmse:0.41096 eval-rmse:0.475321 train-mae:975.337 eval-mae:1137.74  
[1551] train-rmse:0.410925 eval-rmse:0.475321 train-mae:975.251 eval-mae:1137.75  
[1552] train-rmse:0.410913 eval-rmse:0.475319 train-mae:975.218 eval-mae:1137.75  
[1553] train-rmse:0.410899 eval-rmse:0.475318 train-mae:975.173 eval-mae:1137.74  
[1554] train-rmse:0.410876 eval-rmse:0.475318 train-mae:975.115 eval-mae:1137.75  
[1555] train-rmse:0.410858 eval-rmse:0.475318 train-mae:975.071 eval-mae:1137.75  
[1556] train-rmse:0.410827 eval-rmse:0.475318 train-mae:974.995 eval-mae:1137.75  
[1557] train-rmse:0.410816 eval-rmse:0.475317 train-mae:974.964 eval-mae:1137.74  
[1558] train-rmse:0.410805 eval-rmse:0.475317 train-mae:974.934 eval-mae:1137.75  
[1559] train-rmse:0.410773 eval-rmse:0.475315 train-mae:974.845 eval-mae:1137.74  
[1560] train-rmse:0.41076 eval-rmse:0.475313 train-mae:974.81 eval-mae:1137.73  
[1561] train-rmse:0.410728 eval-rmse:0.475316 train-mae:974.737 eval-mae:1137.74  
[1562] train-rmse:0.410708 eval-rmse:0.475313 train-mae:974.673 eval-mae:1137.74  
[1563] train-rmse:0.410702 eval-rmse:0.475313 train-mae:974.652 eval-mae:1137.74  
[1564] train-rmse:0.410677 eval-rmse:0.475311 train-mae:974.598 eval-mae:1137.73  
[1565] train-rmse:0.410655 eval-rmse:0.47531 train-mae:974.55 eval-mae:1137.73  
[1566] train-rmse:0.410612 eval-rmse:0.475304 train-mae:974.46 eval-mae:1137.74  
[1567] train-rmse:0.410585 eval-rmse:0.475303 train-mae:974.392 eval-mae:1137.73  
[1568] train-rmse:0.410563 eval-rmse:0.4753 train-mae:974.338 eval-mae:1137.72  
[1569] train-rmse:0.410546 eval-rmse:0.475299 train-mae:974.294 eval-mae:1137.72  
[1570] train-rmse:0.410517 eval-rmse:0.475297 train-mae:974.21 eval-mae:1137.7  
[1571] train-rmse:0.410498 eval-rmse:0.475295 train-mae:974.157 eval-mae:1137.69  
[1572] train-rmse:0.410472 eval-rmse:0.475296 train-mae:974.098 eval-mae:1137.7  
[1573] train-rmse:0.410435 eval-rmse:0.475289 train-mae:974.004 eval-mae:1137.68  
[1574] train-rmse:0.410413 eval-rmse:0.475286 train-mae:973.944 eval-mae:1137.68  
[1575] train-rmse:0.410386 eval-rmse:0.475282 train-mae:973.875 eval-mae:1137.67  
[1576] train-rmse:0.41037 eval-rmse:0.47528 train-mae:973.832 eval-mae:1137.66  
[1577] train-rmse:0.410349 eval-rmse:0.475277 train-mae:973.764 eval-mae:1137.65  
[1578] train-rmse:0.410334 eval-rmse:0.475278 train-mae:973.726 eval-mae:1137.65  
[1579] train-rmse:0.41031 eval-rmse:0.475272 train-mae:973.672 eval-mae:1137.64

[1580]	train-rmse:0.410278	eval-rmse:0.475269	train-mae:973.598	eval-mae:1137.63
[1581]	train-rmse:0.410239	eval-rmse:0.475267	train-mae:973.507	eval-mae:1137.61
[1582]	train-rmse:0.410226	eval-rmse:0.475267	train-mae:973.479	eval-mae:1137.61
[1583]	train-rmse:0.410195	eval-rmse:0.475266	train-mae:973.398	eval-mae:1137.6
[1584]	train-rmse:0.410177	eval-rmse:0.475263	train-mae:973.357	eval-mae:1137.59
[1585]	train-rmse:0.41015	eval-rmse:0.475264	train-mae:973.275	eval-mae:1137.59
[1586]	train-rmse:0.410139	eval-rmse:0.475263	train-mae:973.242	eval-mae:1137.58
[1587]	train-rmse:0.410112	eval-rmse:0.475263	train-mae:973.183	eval-mae:1137.58
[1588]	train-rmse:0.410097	eval-rmse:0.475263	train-mae:973.138	eval-mae:1137.58
[1589]	train-rmse:0.410068	eval-rmse:0.475261	train-mae:973.053	eval-mae:1137.57
[1590]	train-rmse:0.41004	eval-rmse:0.475257	train-mae:972.962	eval-mae:1137.56
[1591]	train-rmse:0.410023	eval-rmse:0.47526	train-mae:972.917	eval-mae:1137.56
[1592]	train-rmse:0.40999	eval-rmse:0.47526	train-mae:972.84	eval-mae:1137.56
[1593]	train-rmse:0.409974	eval-rmse:0.47526	train-mae:972.794	eval-mae:1137.56
[1594]	train-rmse:0.409958	eval-rmse:0.475257	train-mae:972.745	eval-mae:1137.55
[1595]	train-rmse:0.409946	eval-rmse:0.475258	train-mae:972.705	eval-mae:1137.55
[1596]	train-rmse:0.409927	eval-rmse:0.475259	train-mae:972.659	eval-mae:1137.56
[1597]	train-rmse:0.409911	eval-rmse:0.475258	train-mae:972.624	eval-mae:1137.55
[1598]	train-rmse:0.409893	eval-rmse:0.475256	train-mae:972.579	eval-mae:1137.54
[1599]	train-rmse:0.409881	eval-rmse:0.475254	train-mae:972.555	eval-mae:1137.54
[1600]	train-rmse:0.409866	eval-rmse:0.475253	train-mae:972.512	eval-mae:1137.53
[1601]	train-rmse:0.409853	eval-rmse:0.475251	train-mae:972.477	eval-mae:1137.52
[1602]	train-rmse:0.409829	eval-rmse:0.475252	train-mae:972.419	eval-mae:1137.52
[1603]	train-rmse:0.409804	eval-rmse:0.475252	train-mae:972.36	eval-mae:1137.53
[1604]	train-rmse:0.409791	eval-rmse:0.475253	train-mae:972.328	eval-mae:1137.53
[1605]	train-rmse:0.409777	eval-rmse:0.475253	train-mae:972.283	eval-mae:1137.53
[1606]	train-rmse:0.409774	eval-rmse:0.475253	train-mae:972.271	eval-mae:1137.53
[1607]	train-rmse:0.409758	eval-rmse:0.475253	train-mae:972.229	eval-mae:1137.52
[1608]	train-rmse:0.409745	eval-rmse:0.475252	train-mae:972.194	eval-mae:1137.52
[1609]	train-rmse:0.409731	eval-rmse:0.475251	train-mae:972.156	eval-mae:1137.52
[1610]	train-rmse:0.409715	eval-rmse:0.475251	train-mae:972.12	eval-mae:1137.52
[1611]	train-rmse:0.40971	eval-rmse:0.47525	train-mae:972.106	eval-mae:1137.51
[1612]	train-rmse:0.409683	eval-rmse:0.475248	train-mae:972.031	eval-mae:1137.52
[1613]	train-rmse:0.409652	eval-rmse:0.475246	train-mae:971.954	eval-mae:1137.51
[1614]	train-rmse:0.409634	eval-rmse:0.475247	train-mae:971.909	eval-mae:1137.51
[1615]	train-rmse:0.409627	eval-rmse:0.475247	train-mae:971.893	eval-mae:1137.52
[1616]	train-rmse:0.409604	eval-rmse:0.475246	train-mae:971.836	eval-mae:1137.51
[1617]	train-rmse:0.409587	eval-rmse:0.475247	train-mae:971.795	eval-mae:1137.51
[1618]	train-rmse:0.409573	eval-rmse:0.475249	train-mae:971.754	eval-mae:1137.52
[1619]	train-rmse:0.409563	eval-rmse:0.475249	train-mae:971.723	eval-mae:1137.52
[1620]	train-rmse:0.40954	eval-rmse:0.475251	train-mae:971.663	eval-mae:1137.52
[1621]	train-rmse:0.409512	eval-rmse:0.475252	train-mae:971.584	eval-mae:1137.52
[1622]	train-rmse:0.409501	eval-rmse:0.475251	train-mae:971.555	eval-mae:1137.53
[1623]	train-rmse:0.409471	eval-rmse:0.47525	train-mae:971.482	eval-mae:1137.53
[1624]	train-rmse:0.409452	eval-rmse:0.475251	train-mae:971.439	eval-mae:1137.52
[1625]	train-rmse:0.409438	eval-rmse:0.475249	train-mae:971.398	eval-mae:1137.52
[1626]	train-rmse:0.409435	eval-rmse:0.475248	train-mae:971.389	eval-mae:1137.51
[1627]	train-rmse:0.409398	eval-rmse:0.475248	train-mae:971.291	eval-mae:1137.51
[1628]	train-rmse:0.409384	eval-rmse:0.475247	train-mae:971.252	eval-mae:1137.51
[1629]	train-rmse:0.409361	eval-rmse:0.475245	train-mae:971.187	eval-mae:1137.5
[1630]	train-rmse:0.409323	eval-rmse:0.47524	train-mae:971.093	eval-mae:1137.49
[1631]	train-rmse:0.409316	eval-rmse:0.47524	train-mae:971.072	eval-mae:1137.49
[1632]	train-rmse:0.409302	eval-rmse:0.475238	train-mae:971.037	eval-mae:1137.48
[1633]	train-rmse:0.409283	eval-rmse:0.475237	train-mae:970.978	eval-mae:1137.47
[1634]	train-rmse:0.40926	eval-rmse:0.475235	train-mae:970.921	eval-mae:1137.46
[1635]	train-rmse:0.409252	eval-rmse:0.475235	train-mae:970.897	eval-mae:1137.46
[1636]	train-rmse:0.409239	eval-rmse:0.475235	train-mae:970.858	eval-mae:1137.46
[1637]	train-rmse:0.409216	eval-rmse:0.475237	train-mae:970.791	eval-mae:1137.47
[1638]	train-rmse:0.409205	eval-rmse:0.475237	train-mae:970.76	eval-mae:1137.47
[1639]	train-rmse:0.409176	eval-rmse:0.475234	train-mae:970.699	eval-mae:1137.47
[1640]	train-rmse:0.409169	eval-rmse:0.475233	train-mae:970.679	eval-mae:1137.47
[1641]	train-rmse:0.409133	eval-rmse:0.475228	train-mae:970.591	eval-mae:1137.45
[1642]	train-rmse:0.409117	eval-rmse:0.475228	train-mae:970.549	eval-mae:1137.46
[1643]	train-rmse:0.409112	eval-rmse:0.475228	train-mae:970.537	eval-mae:1137.46
[1644]	train-rmse:0.409081	eval-rmse:0.475224	train-mae:970.445	eval-mae:1137.45
[1645]	train-rmse:0.409072	eval-rmse:0.475223	train-mae:970.424	eval-mae:1137.45
[1646]	train-rmse:0.409058	eval-rmse:0.475223	train-mae:970.387	eval-mae:1137.45
[1647]	train-rmse:0.409035	eval-rmse:0.475221	train-mae:970.331	eval-mae:1137.45
[1648]	train-rmse:0.409022	eval-rmse:0.475221	train-mae:970.295	eval-mae:1137.45
[1649]	train-rmse:0.409004	eval-rmse:0.47522	train-mae:970.26	eval-mae:1137.44
[1650]	train-rmse:0.408986	eval-rmse:0.475219	train-mae:970.208	eval-mae:1137.44
[1651]	train-rmse:0.408966	eval-rmse:0.475218	train-mae:970.155	eval-mae:1137.43

[1652] train-rmse:0.40895 eval-rmse:0.475219 train-mae:970.113 eval-mae:1137.43  
[1653] train-rmse:0.408925 eval-rmse:0.475216 train-mae:970.053 eval-mae:1137.42  
[1654] train-rmse:0.408902 eval-rmse:0.475216 train-mae:969.998 eval-mae:1137.43  
[1655] train-rmse:0.40889 eval-rmse:0.475215 train-mae:969.968 eval-mae:1137.43  
[1656] train-rmse:0.40886 eval-rmse:0.475211 train-mae:969.884 eval-mae:1137.42  
[1657] train-rmse:0.408822 eval-rmse:0.475207 train-mae:969.793 eval-mae:1137.42  
[1658] train-rmse:0.408795 eval-rmse:0.475204 train-mae:969.717 eval-mae:1137.41  
[1659] train-rmse:0.408784 eval-rmse:0.475201 train-mae:969.687 eval-mae:1137.41  
[1660] train-rmse:0.408762 eval-rmse:0.475202 train-mae:969.623 eval-mae:1137.4  
[1661] train-rmse:0.408742 eval-rmse:0.475198 train-mae:969.573 eval-mae:1137.39  
[1662] train-rmse:0.408711 eval-rmse:0.475196 train-mae:969.491 eval-mae:1137.39  
[1663] train-rmse:0.40867 eval-rmse:0.475193 train-mae:969.398 eval-mae:1137.38  
[1664] train-rmse:0.408651 eval-rmse:0.475193 train-mae:969.361 eval-mae:1137.39  
[1665] train-rmse:0.408637 eval-rmse:0.475194 train-mae:969.327 eval-mae:1137.38  
[1666] train-rmse:0.408618 eval-rmse:0.475194 train-mae:969.283 eval-mae:1137.39  
[1667] train-rmse:0.408608 eval-rmse:0.475192 train-mae:969.258 eval-mae:1137.38  
[1668] train-rmse:0.408589 eval-rmse:0.475192 train-mae:969.206 eval-mae:1137.38  
[1669] train-rmse:0.408572 eval-rmse:0.475188 train-mae:969.159 eval-mae:1137.38  
[1670] train-rmse:0.408544 eval-rmse:0.475186 train-mae:969.087 eval-mae:1137.37  
[1671] train-rmse:0.40854 eval-rmse:0.475187 train-mae:969.076 eval-mae:1137.38  
[1672] train-rmse:0.40852 eval-rmse:0.475186 train-mae:969.024 eval-mae:1137.37  
[1673] train-rmse:0.408506 eval-rmse:0.475186 train-mae:968.984 eval-mae:1137.37  
[1674] train-rmse:0.408479 eval-rmse:0.475183 train-mae:968.909 eval-mae:1137.37  
[1675] train-rmse:0.408449 eval-rmse:0.475184 train-mae:968.83 eval-mae:1137.37  
[1676] train-rmse:0.408442 eval-rmse:0.475184 train-mae:968.809 eval-mae:1137.38  
[1677] train-rmse:0.408418 eval-rmse:0.475183 train-mae:968.761 eval-mae:1137.37  
[1678] train-rmse:0.408386 eval-rmse:0.47518 train-mae:968.688 eval-mae:1137.37  
[1679] train-rmse:0.408382 eval-rmse:0.475182 train-mae:968.678 eval-mae:1137.37  
[1680] train-rmse:0.408366 eval-rmse:0.47518 train-mae:968.638 eval-mae:1137.37  
[1681] train-rmse:0.408352 eval-rmse:0.47518 train-mae:968.603 eval-mae:1137.37  
[1682] train-rmse:0.408335 eval-rmse:0.475181 train-mae:968.559 eval-mae:1137.38  
[1683] train-rmse:0.408308 eval-rmse:0.475183 train-mae:968.482 eval-mae:1137.38  
[1684] train-rmse:0.408293 eval-rmse:0.475184 train-mae:968.438 eval-mae:1137.38  
[1685] train-rmse:0.40825 eval-rmse:0.475183 train-mae:968.33 eval-mae:1137.38  
[1686] train-rmse:0.408242 eval-rmse:0.475182 train-mae:968.31 eval-mae:1137.38  
[1687] train-rmse:0.408229 eval-rmse:0.475179 train-mae:968.279 eval-mae:1137.37  
[1688] train-rmse:0.408206 eval-rmse:0.475177 train-mae:968.229 eval-mae:1137.37  
[1689] train-rmse:0.408194 eval-rmse:0.475176 train-mae:968.199 eval-mae:1137.36  
[1690] train-rmse:0.408164 eval-rmse:0.475173 train-mae:968.133 eval-mae:1137.35  
[1691] train-rmse:0.408147 eval-rmse:0.475172 train-mae:968.089 eval-mae:1137.34  
[1692] train-rmse:0.408114 eval-rmse:0.475167 train-mae:968.008 eval-mae:1137.33  
[1693] train-rmse:0.408063 eval-rmse:0.475167 train-mae:967.888 eval-mae:1137.32  
[1694] train-rmse:0.408051 eval-rmse:0.475167 train-mae:967.85 eval-mae:1137.32  
[1695] train-rmse:0.408024 eval-rmse:0.475169 train-mae:967.778 eval-mae:1137.32  
[1696] train-rmse:0.408004 eval-rmse:0.47517 train-mae:967.731 eval-mae:1137.32  
[1697] train-rmse:0.407983 eval-rmse:0.475169 train-mae:967.68 eval-mae:1137.32  
[1698] train-rmse:0.407955 eval-rmse:0.47517 train-mae:967.614 eval-mae:1137.32  
[1699] train-rmse:0.407947 eval-rmse:0.475171 train-mae:967.598 eval-mae:1137.33  
[1700] train-rmse:0.407931 eval-rmse:0.475172 train-mae:967.55 eval-mae:1137.33  
[1701] train-rmse:0.407917 eval-rmse:0.475172 train-mae:967.513 eval-mae:1137.33  
[1702] train-rmse:0.40791 eval-rmse:0.475172 train-mae:967.496 eval-mae:1137.33  
[1703] train-rmse:0.40789 eval-rmse:0.475171 train-mae:967.446 eval-mae:1137.33  
[1704] train-rmse:0.407854 eval-rmse:0.475168 train-mae:967.364 eval-mae:1137.31  
[1705] train-rmse:0.407842 eval-rmse:0.475168 train-mae:967.335 eval-mae:1137.31  
[1706] train-rmse:0.40784 eval-rmse:0.475168 train-mae:967.327 eval-mae:1137.31  
[1707] train-rmse:0.40782 eval-rmse:0.475165 train-mae:967.265 eval-mae:1137.29  
[1708] train-rmse:0.40779 eval-rmse:0.475164 train-mae:967.19 eval-mae:1137.29  
[1709] train-rmse:0.407781 eval-rmse:0.475163 train-mae:967.175 eval-mae:1137.29  
[1710] train-rmse:0.407761 eval-rmse:0.475166 train-mae:967.12 eval-mae:1137.3  
[1711] train-rmse:0.407739 eval-rmse:0.475165 train-mae:967.074 eval-mae:1137.29  
[1712] train-rmse:0.407716 eval-rmse:0.475163 train-mae:967.018 eval-mae:1137.29  
[1713] train-rmse:0.4077 eval-rmse:0.475165 train-mae:966.981 eval-mae:1137.3  
[1714] train-rmse:0.407682 eval-rmse:0.475167 train-mae:966.932 eval-mae:1137.3  
[1715] train-rmse:0.407672 eval-rmse:0.475169 train-mae:966.903 eval-mae:1137.31  
[1716] train-rmse:0.407663 eval-rmse:0.475168 train-mae:966.879 eval-mae:1137.3  
[1717] train-rmse:0.407648 eval-rmse:0.475168 train-mae:966.846 eval-mae:1137.3  
[1718] train-rmse:0.407626 eval-rmse:0.475164 train-mae:966.792 eval-mae:1137.29  
[1719] train-rmse:0.407597 eval-rmse:0.475161 train-mae:966.719 eval-mae:1137.29  
[1720] train-rmse:0.407589 eval-rmse:0.475161 train-mae:966.698 eval-mae:1137.3  
[1721] train-rmse:0.407578 eval-rmse:0.475161 train-mae:966.67 eval-mae:1137.29  
[1722] train-rmse:0.407565 eval-rmse:0.475161 train-mae:966.638 eval-mae:1137.3  
[1723] train-rmse:0.407555 eval-rmse:0.47516 train-mae:966.607 eval-mae:1137.29



[1724]	train-rmse:0.407538	eval-rmse:0.475158	train-mae:966.569	eval-mae:1137.3
[1725]	train-rmse:0.407519	eval-rmse:0.475156	train-mae:966.506	eval-mae:1137.29
[1726]	train-rmse:0.407505	eval-rmse:0.475156	train-mae:966.47	eval-mae:1137.29
[1727]	train-rmse:0.407492	eval-rmse:0.475157	train-mae:966.43	eval-mae:1137.3
[1728]	train-rmse:0.407466	eval-rmse:0.475157	train-mae:966.373	eval-mae:1137.3
[1729]	train-rmse:0.407446	eval-rmse:0.475155	train-mae:966.319	eval-mae:1137.28
[1730]	train-rmse:0.407424	eval-rmse:0.475154	train-mae:966.25	eval-mae:1137.27
[1731]	train-rmse:0.407408	eval-rmse:0.475152	train-mae:966.207	eval-mae:1137.26
[1732]	train-rmse:0.407394	eval-rmse:0.475152	train-mae:966.171	eval-mae:1137.25
[1733]	train-rmse:0.407371	eval-rmse:0.475153	train-mae:966.116	eval-mae:1137.25
[1734]	train-rmse:0.407337	eval-rmse:0.475154	train-mae:966.028	eval-mae:1137.26
[1735]	train-rmse:0.407323	eval-rmse:0.475152	train-mae:965.995	eval-mae:1137.25
[1736]	train-rmse:0.407304	eval-rmse:0.475148	train-mae:965.946	eval-mae:1137.24
[1737]	train-rmse:0.40727	eval-rmse:0.475147	train-mae:965.855	eval-mae:1137.23
[1738]	train-rmse:0.407243	eval-rmse:0.475145	train-mae:965.783	eval-mae:1137.23
[1739]	train-rmse:0.407233	eval-rmse:0.475144	train-mae:965.757	eval-mae:1137.22
[1740]	train-rmse:0.407223	eval-rmse:0.475144	train-mae:965.732	eval-mae:1137.22
[1741]	train-rmse:0.407206	eval-rmse:0.475144	train-mae:965.677	eval-mae:1137.22
[1742]	train-rmse:0.407196	eval-rmse:0.475145	train-mae:965.655	eval-mae:1137.23
[1743]	train-rmse:0.407179	eval-rmse:0.475146	train-mae:965.613	eval-mae:1137.23
[1744]	train-rmse:0.407166	eval-rmse:0.475146	train-mae:965.583	eval-mae:1137.23
[1745]	train-rmse:0.407148	eval-rmse:0.475145	train-mae:965.534	eval-mae:1137.23
[1746]	train-rmse:0.40713	eval-rmse:0.475145	train-mae:965.495	eval-mae:1137.23
[1747]	train-rmse:0.407121	eval-rmse:0.475144	train-mae:965.473	eval-mae:1137.23
[1748]	train-rmse:0.407117	eval-rmse:0.475145	train-mae:965.452	eval-mae:1137.23
[1749]	train-rmse:0.407096	eval-rmse:0.475143	train-mae:965.396	eval-mae:1137.22
[1750]	train-rmse:0.407084	eval-rmse:0.475144	train-mae:965.365	eval-mae:1137.22
[1751]	train-rmse:0.407063	eval-rmse:0.475142	train-mae:965.304	eval-mae:1137.22
[1752]	train-rmse:0.407042	eval-rmse:0.47514	train-mae:965.256	eval-mae:1137.21
[1753]	train-rmse:0.407024	eval-rmse:0.475138	train-mae:965.212	eval-mae:1137.2
[1754]	train-rmse:0.407005	eval-rmse:0.475136	train-mae:965.163	eval-mae:1137.19
[1755]	train-rmse:0.406989	eval-rmse:0.475135	train-mae:965.111	eval-mae:1137.19
[1756]	train-rmse:0.406972	eval-rmse:0.475133	train-mae:965.066	eval-mae:1137.19
[1757]	train-rmse:0.406962	eval-rmse:0.475134	train-mae:965.046	eval-mae:1137.19
[1758]	train-rmse:0.406955	eval-rmse:0.475132	train-mae:965.026	eval-mae:1137.19
[1759]	train-rmse:0.406945	eval-rmse:0.475132	train-mae:965.001	eval-mae:1137.19
[1760]	train-rmse:0.406928	eval-rmse:0.47513	train-mae:964.956	eval-mae:1137.18
[1761]	train-rmse:0.406908	eval-rmse:0.475128	train-mae:964.916	eval-mae:1137.18
[1762]	train-rmse:0.40689	eval-rmse:0.475127	train-mae:964.863	eval-mae:1137.17
[1763]	train-rmse:0.406877	eval-rmse:0.475128	train-mae:964.834	eval-mae:1137.18
[1764]	train-rmse:0.406851	eval-rmse:0.475126	train-mae:964.769	eval-mae:1137.18
[1765]	train-rmse:0.406836	eval-rmse:0.475126	train-mae:964.729	eval-mae:1137.18
[1766]	train-rmse:0.406811	eval-rmse:0.475124	train-mae:964.669	eval-mae:1137.17
[1767]	train-rmse:0.406803	eval-rmse:0.475123	train-mae:964.643	eval-mae:1137.17
[1768]	train-rmse:0.406759	eval-rmse:0.475117	train-mae:964.548	eval-mae:1137.15
[1769]	train-rmse:0.406741	eval-rmse:0.475116	train-mae:964.493	eval-mae:1137.15
[1770]	train-rmse:0.406705	eval-rmse:0.475119	train-mae:964.413	eval-mae:1137.15
[1771]	train-rmse:0.406694	eval-rmse:0.475119	train-mae:964.379	eval-mae:1137.15
[1772]	train-rmse:0.406681	eval-rmse:0.47512	train-mae:964.338	eval-mae:1137.15
[1773]	train-rmse:0.406661	eval-rmse:0.475117	train-mae:964.29	eval-mae:1137.15
[1774]	train-rmse:0.406642	eval-rmse:0.475115	train-mae:964.251	eval-mae:1137.15
[1775]	train-rmse:0.406631	eval-rmse:0.475115	train-mae:964.223	eval-mae:1137.15
[1776]	train-rmse:0.406608	eval-rmse:0.475115	train-mae:964.163	eval-mae:1137.15
[1777]	train-rmse:0.406583	eval-rmse:0.475115	train-mae:964.101	eval-mae:1137.16
[1778]	train-rmse:0.40656	eval-rmse:0.475113	train-mae:964.047	eval-mae:1137.16
[1779]	train-rmse:0.406556	eval-rmse:0.475113	train-mae:964.036	eval-mae:1137.16
[1780]	train-rmse:0.406547	eval-rmse:0.475114	train-mae:964.018	eval-mae:1137.16
[1781]	train-rmse:0.406515	eval-rmse:0.475111	train-mae:963.94	eval-mae:1137.15
[1782]	train-rmse:0.406506	eval-rmse:0.47511	train-mae:963.915	eval-mae:1137.15
[1783]	train-rmse:0.406486	eval-rmse:0.47511	train-mae:963.872	eval-mae:1137.15
[1784]	train-rmse:0.40647	eval-rmse:0.475111	train-mae:963.834	eval-mae:1137.16
[1785]	train-rmse:0.406461	eval-rmse:0.475112	train-mae:963.804	eval-mae:1137.15
[1786]	train-rmse:0.406449	eval-rmse:0.475112	train-mae:963.773	eval-mae:1137.16
[1787]	train-rmse:0.406423	eval-rmse:0.475111	train-mae:963.708	eval-mae:1137.15
[1788]	train-rmse:0.406413	eval-rmse:0.475108	train-mae:963.685	eval-mae:1137.15
[1789]	train-rmse:0.406395	eval-rmse:0.475107	train-mae:963.636	eval-mae:1137.14
[1790]	train-rmse:0.406381	eval-rmse:0.475108	train-mae:963.599	eval-mae:1137.14
[1791]	train-rmse:0.406369	eval-rmse:0.475108	train-mae:963.57	eval-mae:1137.13
[1792]	train-rmse:0.406352	eval-rmse:0.475108	train-mae:963.528	eval-mae:1137.14
[1793]	train-rmse:0.406312	eval-rmse:0.475106	train-mae:963.438	eval-mae:1137.14
[1794]	train-rmse:0.406285	eval-rmse:0.475106	train-mae:963.362	eval-mae:1137.13
[1795]	train-rmse:0.406268	eval-rmse:0.475106	train-mae:963.307	eval-mae:1137.12

[1796] train-rmse:0.406252 eval-rmse:0.475105 train-mae:963.263 eval-mae:1137.12  
[1797] train-rmse:0.406239 eval-rmse:0.475104 train-mae:963.219 eval-mae:1137.12  
[1798] train-rmse:0.406226 eval-rmse:0.475102 train-mae:963.192 eval-mae:1137.12  
[1799] train-rmse:0.406213 eval-rmse:0.475102 train-mae:963.16 eval-mae:1137.12  
[1800] train-rmse:0.406203 eval-rmse:0.475101 train-mae:963.129 eval-mae:1137.11  
[1801] train-rmse:0.406189 eval-rmse:0.4751 train-mae:963.1 eval-mae:1137.11  
[1802] train-rmse:0.406175 eval-rmse:0.475101 train-mae:963.071 eval-mae:1137.11  
[1803] train-rmse:0.406134 eval-rmse:0.475101 train-mae:962.965 eval-mae:1137.11  
[1804] train-rmse:0.406127 eval-rmse:0.475101 train-mae:962.942 eval-mae:1137.11  
[1805] train-rmse:0.406116 eval-rmse:0.475101 train-mae:962.917 eval-mae:1137.11  
[1806] train-rmse:0.406079 eval-rmse:0.475096 train-mae:962.824 eval-mae:1137.1  
[1807] train-rmse:0.406065 eval-rmse:0.475094 train-mae:962.788 eval-mae:1137.09  
[1808] train-rmse:0.406047 eval-rmse:0.475094 train-mae:962.743 eval-mae:1137.09  
[1809] train-rmse:0.406031 eval-rmse:0.475092 train-mae:962.7 eval-mae:1137.08  
[1810] train-rmse:0.406003 eval-rmse:0.475091 train-mae:962.618 eval-mae:1137.08  
[1811] train-rmse:0.405973 eval-rmse:0.475091 train-mae:962.548 eval-mae:1137.08  
[1812] train-rmse:0.405955 eval-rmse:0.475089 train-mae:962.503 eval-mae:1137.07  
[1813] train-rmse:0.405936 eval-rmse:0.475087 train-mae:962.453 eval-mae:1137.06  
[1814] train-rmse:0.40592 eval-rmse:0.475085 train-mae:962.414 eval-mae:1137.06  
[1815] train-rmse:0.4059 eval-rmse:0.475084 train-mae:962.36 eval-mae:1137.06  
[1816] train-rmse:0.405885 eval-rmse:0.475084 train-mae:962.323 eval-mae:1137.06  
[1817] train-rmse:0.405868 eval-rmse:0.475082 train-mae:962.277 eval-mae:1137.05  
[1818] train-rmse:0.405847 eval-rmse:0.475081 train-mae:962.221 eval-mae:1137.04  
[1819] train-rmse:0.405833 eval-rmse:0.475081 train-mae:962.178 eval-mae:1137.04  
[1820] train-rmse:0.405811 eval-rmse:0.475081 train-mae:962.112 eval-mae:1137.04  
[1821] train-rmse:0.405799 eval-rmse:0.475081 train-mae:962.084 eval-mae:1137.03  
[1822] train-rmse:0.40577 eval-rmse:0.475082 train-mae:962.007 eval-mae:1137.03  
[1823] train-rmse:0.405745 eval-rmse:0.475083 train-mae:961.943 eval-mae:1137.04  
[1824] train-rmse:0.405733 eval-rmse:0.475083 train-mae:961.912 eval-mae:1137.03  
[1825] train-rmse:0.405723 eval-rmse:0.475083 train-mae:961.89 eval-mae:1137.03  
[1826] train-rmse:0.40571 eval-rmse:0.475083 train-mae:961.855 eval-mae:1137.03  
[1827] train-rmse:0.405702 eval-rmse:0.475083 train-mae:961.833 eval-mae:1137.03  
[1828] train-rmse:0.405687 eval-rmse:0.475082 train-mae:961.799 eval-mae:1137.03  
[1829] train-rmse:0.40568 eval-rmse:0.475082 train-mae:961.781 eval-mae:1137.02  
[1830] train-rmse:0.405669 eval-rmse:0.475083 train-mae:961.754 eval-mae:1137.03  
[1831] train-rmse:0.405648 eval-rmse:0.475084 train-mae:961.705 eval-mae:1137.03  
[1832] train-rmse:0.405636 eval-rmse:0.475081 train-mae:961.67 eval-mae:1137.03  
[1833] train-rmse:0.405605 eval-rmse:0.475082 train-mae:961.581 eval-mae:1137.03  
[1834] train-rmse:0.405589 eval-rmse:0.475082 train-mae:961.53 eval-mae:1137.03  
[1835] train-rmse:0.405581 eval-rmse:0.47508 train-mae:961.51 eval-mae:1137.03  
[1836] train-rmse:0.405554 eval-rmse:0.475083 train-mae:961.447 eval-mae:1137.03  
[1837] train-rmse:0.405546 eval-rmse:0.475081 train-mae:961.425 eval-mae:1137.02  
[1838] train-rmse:0.405525 eval-rmse:0.475078 train-mae:961.366 eval-mae:1137.01  
[1839] train-rmse:0.405519 eval-rmse:0.475079 train-mae:961.342 eval-mae:1137.01  
[1840] train-rmse:0.405506 eval-rmse:0.475078 train-mae:961.31 eval-mae:1137.01  
[1841] train-rmse:0.405486 eval-rmse:0.475079 train-mae:961.264 eval-mae:1137.02  
[1842] train-rmse:0.405466 eval-rmse:0.475079 train-mae:961.208 eval-mae:1137.02  
[1843] train-rmse:0.405424 eval-rmse:0.475077 train-mae:961.1 eval-mae:1137.01  
[1844] train-rmse:0.405422 eval-rmse:0.475077 train-mae:961.094 eval-mae:1137.01  
[1845] train-rmse:0.405397 eval-rmse:0.47508 train-mae:961.031 eval-mae:1137.01  
[1846] train-rmse:0.405384 eval-rmse:0.475078 train-mae:961.006 eval-mae:1137  
[1847] train-rmse:0.405349 eval-rmse:0.47508 train-mae:960.916 eval-mae:1137  
[1848] train-rmse:0.405344 eval-rmse:0.475079 train-mae:960.901 eval-mae:1137  
[1849] train-rmse:0.405326 eval-rmse:0.475075 train-mae:960.854 eval-mae:1136.99  
[1850] train-rmse:0.405291 eval-rmse:0.475075 train-mae:960.776 eval-mae:1136.99  
[1851] train-rmse:0.405287 eval-rmse:0.475076 train-mae:960.764 eval-mae:1136.99  
[1852] train-rmse:0.405264 eval-rmse:0.475076 train-mae:960.716 eval-mae:1136.99  
[1853] train-rmse:0.405258 eval-rmse:0.475074 train-mae:960.705 eval-mae:1136.98  
[1854] train-rmse:0.405235 eval-rmse:0.475074 train-mae:960.649 eval-mae:1136.98  
[1855] train-rmse:0.405212 eval-rmse:0.475077 train-mae:960.594 eval-mae:1136.99  
[1856] train-rmse:0.405206 eval-rmse:0.475075 train-mae:960.573 eval-mae:1136.97  
[1857] train-rmse:0.405191 eval-rmse:0.475073 train-mae:960.528 eval-mae:1136.96  
[1858] train-rmse:0.405185 eval-rmse:0.475073 train-mae:960.515 eval-mae:1136.96  
[1859] train-rmse:0.405179 eval-rmse:0.475072 train-mae:960.497 eval-mae:1136.96  
[1860] train-rmse:0.405135 eval-rmse:0.475071 train-mae:960.397 eval-mae:1136.96  
[1861] train-rmse:0.405115 eval-rmse:0.475071 train-mae:960.36 eval-mae:1136.97  
[1862] train-rmse:0.4051 eval-rmse:0.475072 train-mae:960.327 eval-mae:1136.97  
[1863] train-rmse:0.405075 eval-rmse:0.475072 train-mae:960.254 eval-mae:1136.97  
[1864] train-rmse:0.405073 eval-rmse:0.475072 train-mae:960.25 eval-mae:1136.97  
[1865] train-rmse:0.405054 eval-rmse:0.475071 train-mae:960.201 eval-mae:1136.97  
[1866] train-rmse:0.405027 eval-rmse:0.475072 train-mae:960.139 eval-mae:1136.96  
[1867] train-rmse:0.405016 eval-rmse:0.475072 train-mae:960.11 eval-mae:1136.96

[1868]	train-rmse:0.405007	eval-rmse:0.475073	train-mae:960.087	eval-mae:1136.96
[1869]	train-rmse:0.404999	eval-rmse:0.475073	train-mae:960.058	eval-mae:1136.96
[1870]	train-rmse:0.404973	eval-rmse:0.475073	train-mae:959.979	eval-mae:1136.95
[1871]	train-rmse:0.40496	eval-rmse:0.475072	train-mae:959.944	eval-mae:1136.95
[1872]	train-rmse:0.404943	eval-rmse:0.47507	train-mae:959.905	eval-mae:1136.95
[1873]	train-rmse:0.404928	eval-rmse:0.475071	train-mae:959.871	eval-mae:1136.95
[1874]	train-rmse:0.404921	eval-rmse:0.475072	train-mae:959.856	eval-mae:1136.95
[1875]	train-rmse:0.404888	eval-rmse:0.475067	train-mae:959.763	eval-mae:1136.93
[1876]	train-rmse:0.404874	eval-rmse:0.475066	train-mae:959.728	eval-mae:1136.93
[1877]	train-rmse:0.404864	eval-rmse:0.475064	train-mae:959.701	eval-mae:1136.92
[1878]	train-rmse:0.40485	eval-rmse:0.475062	train-mae:959.666	eval-mae:1136.92
[1879]	train-rmse:0.404826	eval-rmse:0.475062	train-mae:959.606	eval-mae:1136.92
[1880]	train-rmse:0.404786	eval-rmse:0.475064	train-mae:959.511	eval-mae:1136.92
[1881]	train-rmse:0.404765	eval-rmse:0.475063	train-mae:959.466	eval-mae:1136.92
[1882]	train-rmse:0.404754	eval-rmse:0.47506	train-mae:959.436	eval-mae:1136.92
[1883]	train-rmse:0.404739	eval-rmse:0.47506	train-mae:959.402	eval-mae:1136.91
[1884]	train-rmse:0.40472	eval-rmse:0.47506	train-mae:959.356	eval-mae:1136.92
[1885]	train-rmse:0.404701	eval-rmse:0.475058	train-mae:959.309	eval-mae:1136.92
[1886]	train-rmse:0.404697	eval-rmse:0.475059	train-mae:959.296	eval-mae:1136.92
[1887]	train-rmse:0.404678	eval-rmse:0.475057	train-mae:959.244	eval-mae:1136.91
[1888]	train-rmse:0.40467	eval-rmse:0.475056	train-mae:959.227	eval-mae:1136.9
[1889]	train-rmse:0.404658	eval-rmse:0.475058	train-mae:959.196	eval-mae:1136.9
[1890]	train-rmse:0.404633	eval-rmse:0.475057	train-mae:959.137	eval-mae:1136.91
[1891]	train-rmse:0.404632	eval-rmse:0.475057	train-mae:959.136	eval-mae:1136.91
[1892]	train-rmse:0.40461	eval-rmse:0.475059	train-mae:959.073	eval-mae:1136.91
[1893]	train-rmse:0.404598	eval-rmse:0.475059	train-mae:959.052	eval-mae:1136.92
[1894]	train-rmse:0.404589	eval-rmse:0.475058	train-mae:959.03	eval-mae:1136.92
[1895]	train-rmse:0.404583	eval-rmse:0.475058	train-mae:959.019	eval-mae:1136.92
[1896]	train-rmse:0.404544	eval-rmse:0.475053	train-mae:958.912	eval-mae:1136.89
[1897]	train-rmse:0.404519	eval-rmse:0.475054	train-mae:958.857	eval-mae:1136.89
[1898]	train-rmse:0.404507	eval-rmse:0.475054	train-mae:958.822	eval-mae:1136.89
[1899]	train-rmse:0.404481	eval-rmse:0.47505	train-mae:958.753	eval-mae:1136.89
[1900]	train-rmse:0.404429	eval-rmse:0.475047	train-mae:958.628	eval-mae:1136.88
[1901]	train-rmse:0.404406	eval-rmse:0.475045	train-mae:958.573	eval-mae:1136.88
[1902]	train-rmse:0.404398	eval-rmse:0.475044	train-mae:958.553	eval-mae:1136.88
[1903]	train-rmse:0.404384	eval-rmse:0.475043	train-mae:958.521	eval-mae:1136.87
[1904]	train-rmse:0.404364	eval-rmse:0.475042	train-mae:958.464	eval-mae:1136.87
[1905]	train-rmse:0.404353	eval-rmse:0.475042	train-mae:958.437	eval-mae:1136.87
[1906]	train-rmse:0.404346	eval-rmse:0.475042	train-mae:958.418	eval-mae:1136.87
[1907]	train-rmse:0.404341	eval-rmse:0.475041	train-mae:958.404	eval-mae:1136.87
[1908]	train-rmse:0.404334	eval-rmse:0.475041	train-mae:958.388	eval-mae:1136.87
[1909]	train-rmse:0.404317	eval-rmse:0.475038	train-mae:958.344	eval-mae:1136.87
[1910]	train-rmse:0.404294	eval-rmse:0.475035	train-mae:958.292	eval-mae:1136.87
[1911]	train-rmse:0.404277	eval-rmse:0.475034	train-mae:958.243	eval-mae:1136.87
[1912]	train-rmse:0.404239	eval-rmse:0.475038	train-mae:958.143	eval-mae:1136.88
[1913]	train-rmse:0.404228	eval-rmse:0.475041	train-mae:958.113	eval-mae:1136.88
[1914]	train-rmse:0.404207	eval-rmse:0.475037	train-mae:958.058	eval-mae:1136.87
[1915]	train-rmse:0.4042	eval-rmse:0.475034	train-mae:958.036	eval-mae:1136.86
[1916]	train-rmse:0.404192	eval-rmse:0.475035	train-mae:958.014	eval-mae:1136.86
[1917]	train-rmse:0.404187	eval-rmse:0.475033	train-mae:958.004	eval-mae:1136.86
[1918]	train-rmse:0.404177	eval-rmse:0.475033	train-mae:957.981	eval-mae:1136.86
[1919]	train-rmse:0.404164	eval-rmse:0.475035	train-mae:957.952	eval-mae:1136.86
[1920]	train-rmse:0.404153	eval-rmse:0.475034	train-mae:957.928	eval-mae:1136.86
[1921]	train-rmse:0.404146	eval-rmse:0.475035	train-mae:957.905	eval-mae:1136.85
[1922]	train-rmse:0.404133	eval-rmse:0.475033	train-mae:957.869	eval-mae:1136.84
[1923]	train-rmse:0.404109	eval-rmse:0.475033	train-mae:957.811	eval-mae:1136.84
[1924]	train-rmse:0.404094	eval-rmse:0.475032	train-mae:957.766	eval-mae:1136.84
[1925]	train-rmse:0.404092	eval-rmse:0.475031	train-mae:957.763	eval-mae:1136.84
[1926]	train-rmse:0.404067	eval-rmse:0.475028	train-mae:957.703	eval-mae:1136.83
[1927]	train-rmse:0.404061	eval-rmse:0.475029	train-mae:957.688	eval-mae:1136.83
[1928]	train-rmse:0.404051	eval-rmse:0.475026	train-mae:957.665	eval-mae:1136.82
[1929]	train-rmse:0.404037	eval-rmse:0.475025	train-mae:957.632	eval-mae:1136.82
[1930]	train-rmse:0.404028	eval-rmse:0.475023	train-mae:957.613	eval-mae:1136.82
[1931]	train-rmse:0.404014	eval-rmse:0.475021	train-mae:957.57	eval-mae:1136.81
[1932]	train-rmse:0.404007	eval-rmse:0.47502	train-mae:957.549	eval-mae:1136.81
[1933]	train-rmse:0.403998	eval-rmse:0.475022	train-mae:957.531	eval-mae:1136.81
[1934]	train-rmse:0.403973	eval-rmse:0.475021	train-mae:957.47	eval-mae:1136.82
[1935]	train-rmse:0.403958	eval-rmse:0.475022	train-mae:957.434	eval-mae:1136.81
[1936]	train-rmse:0.403945	eval-rmse:0.475021	train-mae:957.398	eval-mae:1136.81
[1937]	train-rmse:0.403921	eval-rmse:0.475023	train-mae:957.345	eval-mae:1136.81
[1938]	train-rmse:0.403905	eval-rmse:0.475022	train-mae:957.302	eval-mae:1136.82
[1939]	train-rmse:0.403878	eval-rmse:0.475022	train-mae:957.239	eval-mae:1136.81

[1940] train-rmse:0.403859 eval-rmse:0.47502 train-mae:957.175 eval-mae:1136.8  
[1941] train-rmse:0.40384 eval-rmse:0.475018 train-mae:957.112 eval-mae:1136.79  
[1942] train-rmse:0.403826 eval-rmse:0.475018 train-mae:957.074 eval-mae:1136.79  
[1943] train-rmse:0.403813 eval-rmse:0.475018 train-mae:957.036 eval-mae:1136.79  
[1944] train-rmse:0.403797 eval-rmse:0.475019 train-mae:956.985 eval-mae:1136.79  
[1945] train-rmse:0.403771 eval-rmse:0.475017 train-mae:956.925 eval-mae:1136.78  
[1946] train-rmse:0.40376 eval-rmse:0.475017 train-mae:956.895 eval-mae:1136.79  
[1947] train-rmse:0.403748 eval-rmse:0.475016 train-mae:956.867 eval-mae:1136.79  
[1948] train-rmse:0.403738 eval-rmse:0.475016 train-mae:956.845 eval-mae:1136.79  
[1949] train-rmse:0.403731 eval-rmse:0.475015 train-mae:956.825 eval-mae:1136.79  
[1950] train-rmse:0.403724 eval-rmse:0.475016 train-mae:956.801 eval-mae:1136.79  
[1951] train-rmse:0.403715 eval-rmse:0.475018 train-mae:956.776 eval-mae:1136.79  
[1952] train-rmse:0.403696 eval-rmse:0.475019 train-mae:956.726 eval-mae:1136.8  
[1953] train-rmse:0.403682 eval-rmse:0.475018 train-mae:956.684 eval-mae:1136.79  
[1954] train-rmse:0.403678 eval-rmse:0.475019 train-mae:956.675 eval-mae:1136.8  
[1955] train-rmse:0.403665 eval-rmse:0.475017 train-mae:956.644 eval-mae:1136.8  
[1956] train-rmse:0.403638 eval-rmse:0.475016 train-mae:956.575 eval-mae:1136.79  
[1957] train-rmse:0.403623 eval-rmse:0.475016 train-mae:956.541 eval-mae:1136.79  
[1958] train-rmse:0.403604 eval-rmse:0.475015 train-mae:956.494 eval-mae:1136.78  
[1959] train-rmse:0.403591 eval-rmse:0.475016 train-mae:956.45 eval-mae:1136.79  
[1960] train-rmse:0.403578 eval-rmse:0.475016 train-mae:956.418 eval-mae:1136.79  
[1961] train-rmse:0.403571 eval-rmse:0.475014 train-mae:956.401 eval-mae:1136.79  
[1962] train-rmse:0.403557 eval-rmse:0.475012 train-mae:956.374 eval-mae:1136.78  
[1963] train-rmse:0.40354 eval-rmse:0.475012 train-mae:956.335 eval-mae:1136.78  
[1964] train-rmse:0.403525 eval-rmse:0.475013 train-mae:956.292 eval-mae:1136.78  
[1965] train-rmse:0.403498 eval-rmse:0.475013 train-mae:956.236 eval-mae:1136.79  
[1966] train-rmse:0.403487 eval-rmse:0.475012 train-mae:956.207 eval-mae:1136.78  
[1967] train-rmse:0.403469 eval-rmse:0.475011 train-mae:956.162 eval-mae:1136.77  
[1968] train-rmse:0.403461 eval-rmse:0.475012 train-mae:956.147 eval-mae:1136.77  
[1969] train-rmse:0.403445 eval-rmse:0.475014 train-mae:956.106 eval-mae:1136.78  
[1970] train-rmse:0.403434 eval-rmse:0.475014 train-mae:956.079 eval-mae:1136.78  
[1971] train-rmse:0.403425 eval-rmse:0.475015 train-mae:956.053 eval-mae:1136.78  
[1972] train-rmse:0.403404 eval-rmse:0.475017 train-mae:956.01 eval-mae:1136.78  
[1973] train-rmse:0.40339 eval-rmse:0.475019 train-mae:955.976 eval-mae:1136.78  
[1974] train-rmse:0.403359 eval-rmse:0.475015 train-mae:955.908 eval-mae:1136.77  
[1975] train-rmse:0.403351 eval-rmse:0.475015 train-mae:955.89 eval-mae:1136.77  
[1976] train-rmse:0.403346 eval-rmse:0.475015 train-mae:955.872 eval-mae:1136.77  
[1977] train-rmse:0.403314 eval-rmse:0.475013 train-mae:955.795 eval-mae:1136.77  
[1978] train-rmse:0.403293 eval-rmse:0.475014 train-mae:955.744 eval-mae:1136.77  
[1979] train-rmse:0.403283 eval-rmse:0.475014 train-mae:955.716 eval-mae:1136.77  
[1980] train-rmse:0.403268 eval-rmse:0.475014 train-mae:955.67 eval-mae:1136.77  
[1981] train-rmse:0.403255 eval-rmse:0.475013 train-mae:955.638 eval-mae:1136.76  
[1982] train-rmse:0.403243 eval-rmse:0.475011 train-mae:955.604 eval-mae:1136.76  
[1983] train-rmse:0.403211 eval-rmse:0.475012 train-mae:955.532 eval-mae:1136.77  
[1984] train-rmse:0.4032 eval-rmse:0.475011 train-mae:955.497 eval-mae:1136.76  
[1985] train-rmse:0.403172 eval-rmse:0.47501 train-mae:955.433 eval-mae:1136.75  
[1986] train-rmse:0.403134 eval-rmse:0.475006 train-mae:955.318 eval-mae:1136.74  
[1987] train-rmse:0.403123 eval-rmse:0.475004 train-mae:955.292 eval-mae:1136.74  
[1988] train-rmse:0.403109 eval-rmse:0.475005 train-mae:955.26 eval-mae:1136.74  
[1989] train-rmse:0.403092 eval-rmse:0.475005 train-mae:955.22 eval-mae:1136.73  
[1990] train-rmse:0.40307 eval-rmse:0.475006 train-mae:955.16 eval-mae:1136.73  
[1991] train-rmse:0.403063 eval-rmse:0.475006 train-mae:955.141 eval-mae:1136.73  
[1992] train-rmse:0.403049 eval-rmse:0.475005 train-mae:955.101 eval-mae:1136.74  
[1993] train-rmse:0.403034 eval-rmse:0.475005 train-mae:955.061 eval-mae:1136.73  
[1994] train-rmse:0.403024 eval-rmse:0.475007 train-mae:955.031 eval-mae:1136.74  
[1995] train-rmse:0.403008 eval-rmse:0.475006 train-mae:954.994 eval-mae:1136.74  
[1996] train-rmse:0.402997 eval-rmse:0.475007 train-mae:954.968 eval-mae:1136.75  
[1997] train-rmse:0.402989 eval-rmse:0.475006 train-mae:954.952 eval-mae:1136.75  
[1998] train-rmse:0.402974 eval-rmse:0.475007 train-mae:954.905 eval-mae:1136.75  
[1999] train-rmse:0.402934 eval-rmse:0.475005 train-mae:954.827 eval-mae:1136.75  
[0] train-rmse:7.2632 eval-rmse:7.26424 train-mae:3232.19 eval-mae:3242.31  
Multiple eval metrics have been passed: 'eval-mae' will be used for early stopping.

Will train until eval-mae hasn't improved in 100 rounds.

[1] train-rmse:7.19106 eval-rmse:7.1921 train-mae:3232.06 eval-mae:3242.17  
[2] train-rmse:7.11963 eval-rmse:7.1207 train-mae:3231.92 eval-mae:3242.03  
[3] train-rmse:7.04894 eval-rmse:7.05002 train-mae:3231.77 eval-mae:3241.88  
[4] train-rmse:6.97894 eval-rmse:6.98003 train-mae:3231.61 eval-mae:3241.72  
[5] train-rmse:6.90963 eval-rmse:6.91073 train-mae:3231.44 eval-mae:3241.55  
[6] train-rmse:6.84101 eval-rmse:6.84213 train-mae:3231.26 eval-mae:3241.37  
[7] train-rmse:6.77311 eval-rmse:6.77424 train-mae:3231.07 eval-mae:3241.18  
[8] train-rmse:6.70592 eval-rmse:6.70704 train-mae:3230.87 eval-mae:3240.98

[9] train-rmse:6.63935 eval-rmse:6.64047 train-mae:3230.65 eval-mae:3240.76  
[10] train-rmse:6.57348 eval-rmse:6.5746 train-mae:3230.43 eval-mae:3240.54  
[11] train-rmse:6.50831 eval-rmse:6.50942 train-mae:3230.19 eval-mae:3240.3  
[12] train-rmse:6.44377 eval-rmse:6.44488 train-mae:3229.93 eval-mae:3240.04  
[13] train-rmse:6.37987 eval-rmse:6.381 train-mae:3229.66 eval-mae:3239.78  
[14] train-rmse:6.31663 eval-rmse:6.31774 train-mae:3229.38 eval-mae:3239.49  
[15] train-rmse:6.254 eval-rmse:6.25513 train-mae:3229.08 eval-mae:3239.2  
[16] train-rmse:6.19199 eval-rmse:6.19313 train-mae:3228.77 eval-mae:3238.88  
[17] train-rmse:6.13066 eval-rmse:6.1318 train-mae:3228.44 eval-mae:3238.55  
[18] train-rmse:6.06996 eval-rmse:6.0711 train-mae:3228.09 eval-mae:3238.2  
[19] train-rmse:6.0098 eval-rmse:6.01094 train-mae:3227.72 eval-mae:3237.84  
[20] train-rmse:5.95025 eval-rmse:5.95141 train-mae:3227.34 eval-mae:3237.45  
[21] train-rmse:5.8913 eval-rmse:5.89248 train-mae:3226.93 eval-mae:3237.05  
[22] train-rmse:5.83294 eval-rmse:5.83413 train-mae:3226.51 eval-mae:3236.62  
[23] train-rmse:5.77515 eval-rmse:5.77636 train-mae:3226.06 eval-mae:3236.17  
[24] train-rmse:5.71796 eval-rmse:5.71919 train-mae:3225.59 eval-mae:3235.71  
[25] train-rmse:5.66134 eval-rmse:5.66259 train-mae:3225.1 eval-mae:3235.21  
[26] train-rmse:5.60531 eval-rmse:5.60658 train-mae:3224.58 eval-mae:3234.7  
[27] train-rmse:5.54982 eval-rmse:5.55112 train-mae:3224.04 eval-mae:3234.16  
[28] train-rmse:5.49492 eval-rmse:5.49622 train-mae:3223.48 eval-mae:3233.59  
[29] train-rmse:5.44055 eval-rmse:5.44188 train-mae:3222.89 eval-mae:3233  
[30] train-rmse:5.38673 eval-rmse:5.38807 train-mae:3222.27 eval-mae:3232.38  
[31] train-rmse:5.33344 eval-rmse:5.33479 train-mae:3221.62 eval-mae:3231.74  
[32] train-rmse:5.2807 eval-rmse:5.28207 train-mae:3220.95 eval-mae:3231.06  
[33] train-rmse:5.22849 eval-rmse:5.22988 train-mae:3220.24 eval-mae:3230.36  
[34] train-rmse:5.17681 eval-rmse:5.17822 train-mae:3219.5 eval-mae:3229.62  
[35] train-rmse:5.12567 eval-rmse:5.12709 train-mae:3218.74 eval-mae:3228.85  
[36] train-rmse:5.07504 eval-rmse:5.07645 train-mae:3217.94 eval-mae:3228.05  
[37] train-rmse:5.02492 eval-rmse:5.02635 train-mae:3217.1 eval-mae:3227.22  
[38] train-rmse:4.97528 eval-rmse:4.97672 train-mae:3216.23 eval-mae:3226.35  
[39] train-rmse:4.92613 eval-rmse:4.92758 train-mae:3215.33 eval-mae:3225.45  
[40] train-rmse:4.8775 eval-rmse:4.87895 train-mae:3214.39 eval-mae:3224.51  
[41] train-rmse:4.82937 eval-rmse:4.83082 train-mae:3213.41 eval-mae:3223.53  
[42] train-rmse:4.78172 eval-rmse:4.78319 train-mae:3212.4 eval-mae:3222.51  
[43] train-rmse:4.73454 eval-rmse:4.73601 train-mae:3211.34 eval-mae:3221.46  
[44] train-rmse:4.68787 eval-rmse:4.68936 train-mae:3210.24 eval-mae:3220.36  
[45] train-rmse:4.64169 eval-rmse:4.64318 train-mae:3209.11 eval-mae:3219.23  
[46] train-rmse:4.59592 eval-rmse:4.59743 train-mae:3207.92 eval-mae:3218.05  
[47] train-rmse:4.55061 eval-rmse:4.55212 train-mae:3206.7 eval-mae:3216.82  
[48] train-rmse:4.50581 eval-rmse:4.50734 train-mae:3205.43 eval-mae:3215.55  
[49] train-rmse:4.46145 eval-rmse:4.46299 train-mae:3204.11 eval-mae:3214.24  
[50] train-rmse:4.41752 eval-rmse:4.41908 train-mae:3202.75 eval-mae:3212.88  
[51] train-rmse:4.37403 eval-rmse:4.3756 train-mae:3201.34 eval-mae:3211.47  
[52] train-rmse:4.33099 eval-rmse:4.33257 train-mae:3199.88 eval-mae:3210.01  
[53] train-rmse:4.2884 eval-rmse:4.28999 train-mae:3198.37 eval-mae:3208.5  
[54] train-rmse:4.24624 eval-rmse:4.24783 train-mae:3196.82 eval-mae:3206.94  
[55] train-rmse:4.20449 eval-rmse:4.20609 train-mae:3195.2 eval-mae:3205.33  
[56] train-rmse:4.16316 eval-rmse:4.16477 train-mae:3193.54 eval-mae:3203.67  
[57] train-rmse:4.12228 eval-rmse:4.12389 train-mae:3191.82 eval-mae:3201.95  
[58] train-rmse:4.08182 eval-rmse:4.08342 train-mae:3190.05 eval-mae:3200.18  
[59] train-rmse:4.04173 eval-rmse:4.04335 train-mae:3188.22 eval-mae:3198.35  
[60] train-rmse:4.00207 eval-rmse:4.0037 train-mae:3186.34 eval-mae:3196.47  
[61] train-rmse:3.96284 eval-rmse:3.96448 train-mae:3184.4 eval-mae:3194.53  
[62] train-rmse:3.92401 eval-rmse:3.92565 train-mae:3182.4 eval-mae:3192.53  
[63] train-rmse:3.88551 eval-rmse:3.88716 train-mae:3180.33 eval-mae:3190.47  
[64] train-rmse:3.8474 eval-rmse:3.84907 train-mae:3178.2 eval-mae:3188.34  
[65] train-rmse:3.80969 eval-rmse:3.81137 train-mae:3176.01 eval-mae:3186.15  
[66] train-rmse:3.77238 eval-rmse:3.77407 train-mae:3173.76 eval-mae:3183.91  
[67] train-rmse:3.73544 eval-rmse:3.73716 train-mae:3171.45 eval-mae:3181.59  
[68] train-rmse:3.69887 eval-rmse:3.7006 train-mae:3169.07 eval-mae:3179.21  
[69] train-rmse:3.66268 eval-rmse:3.66444 train-mae:3166.62 eval-mae:3176.77  
[70] train-rmse:3.62685 eval-rmse:3.62863 train-mae:3164.1 eval-mae:3174.26  
[71] train-rmse:3.59138 eval-rmse:3.59317 train-mae:3161.52 eval-mae:3171.68  
[72] train-rmse:3.55628 eval-rmse:3.55808 train-mae:3158.87 eval-mae:3169.03  
[73] train-rmse:3.52155 eval-rmse:3.52336 train-mae:3156.15 eval-mae:3166.31  
[74] train-rmse:3.48717 eval-rmse:3.48899 train-mae:3153.37 eval-mae:3163.52  
[75] train-rmse:3.45314 eval-rmse:3.45497 train-mae:3150.5 eval-mae:3160.67  
[76] train-rmse:3.41949 eval-rmse:3.42134 train-mae:3147.58 eval-mae:3157.75  
[77] train-rmse:3.38616 eval-rmse:3.38802 train-mae:3144.59 eval-mae:3154.75  
[78] train-rmse:3.35319 eval-rmse:3.35505 train-mae:3141.51 eval-mae:3151.68  
[79] train-rmse:3.32053 eval-rmse:3.32241 train-mae:3138.36 eval-mae:3148.53  
[80] train-rmse:3.2882 eval-rmse:3.29009 train-mae:3135.14 eval-mae:3145.31

[81] train-rmse:3.2562 eval-rmse:3.25809 train-mae:3131.84 eval-mae:3142.01  
[82] train-rmse:3.22452 eval-rmse:3.22643 train-mae:3128.45 eval-mae:3138.63  
[83] train-rmse:3.19317 eval-rmse:3.19509 train-mae:3125 eval-mae:3135.18  
[84] train-rmse:3.16214 eval-rmse:3.16408 train-mae:3121.47 eval-mae:3131.65  
[85] train-rmse:3.13141 eval-rmse:3.13336 train-mae:3117.85 eval-mae:3128.03  
[86] train-rmse:3.10101 eval-rmse:3.10297 train-mae:3114.16 eval-mae:3124.35  
[87] train-rmse:3.07094 eval-rmse:3.07291 train-mae:3110.4 eval-mae:3120.59  
[88] train-rmse:3.04115 eval-rmse:3.04314 train-mae:3106.55 eval-mae:3116.74  
[89] train-rmse:3.01166 eval-rmse:3.01366 train-mae:3102.61 eval-mae:3112.81  
[90] train-rmse:2.98248 eval-rmse:2.9845 train-mae:3098.59 eval-mae:3108.8  
[91] train-rmse:2.95362 eval-rmse:2.95563 train-mae:3094.51 eval-mae:3104.72  
[92] train-rmse:2.92503 eval-rmse:2.92707 train-mae:3090.34 eval-mae:3100.55  
[93] train-rmse:2.89676 eval-rmse:2.89881 train-mae:3086.09 eval-mae:3096.31  
[94] train-rmse:2.86878 eval-rmse:2.87084 train-mae:3081.76 eval-mae:3091.98  
[95] train-rmse:2.84108 eval-rmse:2.84315 train-mae:3077.33 eval-mae:3087.56  
[96] train-rmse:2.81368 eval-rmse:2.81577 train-mae:3072.83 eval-mae:3083.06  
[97] train-rmse:2.78656 eval-rmse:2.78866 train-mae:3068.25 eval-mae:3078.49  
[98] train-rmse:2.7597 eval-rmse:2.76181 train-mae:3063.59 eval-mae:3073.83  
[99] train-rmse:2.73313 eval-rmse:2.73526 train-mae:3058.84 eval-mae:3069.08  
[100] train-rmse:2.70682 eval-rmse:2.70898 train-mae:3054 eval-mae:3064.25  
[101] train-rmse:2.68079 eval-rmse:2.68295 train-mae:3049.08 eval-mae:3059.33  
[102] train-rmse:2.65505 eval-rmse:2.65722 train-mae:3044.09 eval-mae:3054.35  
[103] train-rmse:2.62955 eval-rmse:2.63174 train-mae:3038.99 eval-mae:3049.26  
[104] train-rmse:2.60432 eval-rmse:2.60652 train-mae:3033.82 eval-mae:3044.09  
[105] train-rmse:2.57934 eval-rmse:2.58157 train-mae:3028.56 eval-mae:3038.83  
[106] train-rmse:2.55461 eval-rmse:2.55685 train-mae:3023.21 eval-mae:3033.49  
[107] train-rmse:2.53013 eval-rmse:2.5324 train-mae:3017.78 eval-mae:3028.07  
[108] train-rmse:2.50593 eval-rmse:2.5082 train-mae:3012.27 eval-mae:3022.56  
[109] train-rmse:2.48197 eval-rmse:2.48427 train-mae:3006.67 eval-mae:3016.98  
[110] train-rmse:2.45826 eval-rmse:2.46057 train-mae:3000.98 eval-mae:3011.29  
[111] train-rmse:2.4348 eval-rmse:2.43713 train-mae:2995.22 eval-mae:3005.54  
[112] train-rmse:2.41159 eval-rmse:2.41394 train-mae:2989.38 eval-mae:2999.71  
[113] train-rmse:2.38861 eval-rmse:2.39098 train-mae:2983.44 eval-mae:2993.78  
[114] train-rmse:2.36588 eval-rmse:2.36826 train-mae:2977.43 eval-mae:2987.77  
[115] train-rmse:2.34337 eval-rmse:2.34577 train-mae:2971.33 eval-mae:2981.67  
[116] train-rmse:2.32109 eval-rmse:2.3235 train-mae:2965.13 eval-mae:2975.48  
[117] train-rmse:2.29903 eval-rmse:2.30146 train-mae:2958.85 eval-mae:2969.21  
[118] train-rmse:2.27722 eval-rmse:2.27968 train-mae:2952.51 eval-mae:2962.88  
[119] train-rmse:2.25564 eval-rmse:2.25814 train-mae:2946.07 eval-mae:2956.46  
[120] train-rmse:2.2343 eval-rmse:2.23683 train-mae:2939.56 eval-mae:2949.96  
[121] train-rmse:2.21318 eval-rmse:2.21573 train-mae:2932.96 eval-mae:2943.37  
[122] train-rmse:2.19226 eval-rmse:2.19483 train-mae:2926.28 eval-mae:2936.7  
[123] train-rmse:2.17158 eval-rmse:2.17417 train-mae:2919.52 eval-mae:2929.96  
[124] train-rmse:2.15113 eval-rmse:2.15374 train-mae:2912.69 eval-mae:2923.14  
[125] train-rmse:2.13085 eval-rmse:2.13349 train-mae:2905.76 eval-mae:2916.22  
[126] train-rmse:2.1108 eval-rmse:2.11346 train-mae:2898.76 eval-mae:2909.22  
[127] train-rmse:2.09097 eval-rmse:2.09365 train-mae:2891.68 eval-mae:2902.16  
[128] train-rmse:2.07134 eval-rmse:2.07404 train-mae:2884.55 eval-mae:2895.04  
[129] train-rmse:2.05191 eval-rmse:2.05463 train-mae:2877.3 eval-mae:2887.81  
[130] train-rmse:2.03269 eval-rmse:2.03543 train-mae:2870 eval-mae:2880.51  
[131] train-rmse:2.01369 eval-rmse:2.01646 train-mae:2862.61 eval-mae:2873.14  
[132] train-rmse:1.99488 eval-rmse:1.99765 train-mae:2855.15 eval-mae:2865.69  
[133] train-rmse:1.97627 eval-rmse:1.97906 train-mae:2847.62 eval-mae:2858.17  
[134] train-rmse:1.95788 eval-rmse:1.96069 train-mae:2840.06 eval-mae:2850.63  
[135] train-rmse:1.93965 eval-rmse:1.94248 train-mae:2832.38 eval-mae:2842.96  
[136] train-rmse:1.92162 eval-rmse:1.92447 train-mae:2824.64 eval-mae:2835.23  
[137] train-rmse:1.90379 eval-rmse:1.90666 train-mae:2816.81 eval-mae:2827.41  
[138] train-rmse:1.88614 eval-rmse:1.88903 train-mae:2808.92 eval-mae:2819.54  
[139] train-rmse:1.86869 eval-rmse:1.87161 train-mae:2801 eval-mae:2811.63  
[140] train-rmse:1.85143 eval-rmse:1.85437 train-mae:2792.98 eval-mae:2803.62  
[141] train-rmse:1.83434 eval-rmse:1.8373 train-mae:2784.89 eval-mae:2795.54  
[142] train-rmse:1.81741 eval-rmse:1.82039 train-mae:2776.72 eval-mae:2787.38  
[143] train-rmse:1.80068 eval-rmse:1.80369 train-mae:2768.52 eval-mae:2779.19  
[144] train-rmse:1.78413 eval-rmse:1.78716 train-mae:2760.23 eval-mae:2770.91  
[145] train-rmse:1.76776 eval-rmse:1.77082 train-mae:2751.9 eval-mae:2762.6  
[146] train-rmse:1.7516 eval-rmse:1.75468 train-mae:2743.53 eval-mae:2754.24  
[147] train-rmse:1.73558 eval-rmse:1.73868 train-mae:2735.08 eval-mae:2745.8  
[148] train-rmse:1.71973 eval-rmse:1.72286 train-mae:2726.59 eval-mae:2737.32  
[149] train-rmse:1.70406 eval-rmse:1.70721 train-mae:2718.01 eval-mae:2728.76  
[150] train-rmse:1.68855 eval-rmse:1.69173 train-mae:2709.41 eval-mae:2720.18  
[151] train-rmse:1.67322 eval-rmse:1.67643 train-mae:2700.76 eval-mae:2711.55  
[152] train-rmse:1.65804 eval-rmse:1.66128 train-mae:2692.02 eval-mae:2702.83

[153] train-rmse:1.64304 eval-rmse:1.64229 train-mae:2683.26 eval-mae:2694.08  
[154] train-rmse:1.62818 eval-rmse:1.63148 train-mae:2674.43 eval-mae:2685.27  
[155] train-rmse:1.61351 eval-rmse:1.61683 train-mae:2665.57 eval-mae:2676.43  
[156] train-rmse:1.59899 eval-rmse:1.60234 train-mae:2656.65 eval-mae:2667.53  
[157] train-rmse:1.58462 eval-rmse:1.58801 train-mae:2647.65 eval-mae:2658.56  
[158] train-rmse:1.57038 eval-rmse:1.5738 train-mae:2638.58 eval-mae:2649.5  
[159] train-rmse:1.55631 eval-rmse:1.55977 train-mae:2629.47 eval-mae:2640.41  
[160] train-rmse:1.5424 eval-rmse:1.54588 train-mae:2620.32 eval-mae:2631.28  
[161] train-rmse:1.52865 eval-rmse:1.53215 train-mae:2611.18 eval-mae:2622.14  
[162] train-rmse:1.51506 eval-rmse:1.5186 train-mae:2602.01 eval-mae:2613  
[163] train-rmse:1.50159 eval-rmse:1.50517 train-mae:2592.74 eval-mae:2603.75  
[164] train-rmse:1.48828 eval-rmse:1.49189 train-mae:2583.44 eval-mae:2594.47  
[165] train-rmse:1.47511 eval-rmse:1.47875 train-mae:2574.1 eval-mae:2585.15  
[166] train-rmse:1.4621 eval-rmse:1.46578 train-mae:2564.73 eval-mae:2575.81  
[167] train-rmse:1.44925 eval-rmse:1.45296 train-mae:2555.33 eval-mae:2566.44  
[168] train-rmse:1.43653 eval-rmse:1.44028 train-mae:2545.89 eval-mae:2557.02  
[169] train-rmse:1.42396 eval-rmse:1.42773 train-mae:2536.4 eval-mae:2547.55  
[170] train-rmse:1.4115 eval-rmse:1.4153 train-mae:2526.91 eval-mae:2538.07  
[171] train-rmse:1.39918 eval-rmse:1.40302 train-mae:2517.35 eval-mae:2528.55  
[172] train-rmse:1.38703 eval-rmse:1.3909 train-mae:2507.82 eval-mae:2519.04  
[173] train-rmse:1.37499 eval-rmse:1.37889 train-mae:2498.26 eval-mae:2509.51  
[174] train-rmse:1.36307 eval-rmse:1.36701 train-mae:2488.61 eval-mae:2499.89  
[175] train-rmse:1.3513 eval-rmse:1.35529 train-mae:2478.96 eval-mae:2490.28  
[176] train-rmse:1.33966 eval-rmse:1.34368 train-mae:2469.28 eval-mae:2480.62  
[177] train-rmse:1.32817 eval-rmse:1.33221 train-mae:2459.6 eval-mae:2470.96  
[178] train-rmse:1.3168 eval-rmse:1.32089 train-mae:2449.92 eval-mae:2461.32  
[179] train-rmse:1.30557 eval-rmse:1.3097 train-mae:2440.23 eval-mae:2451.66  
[180] train-rmse:1.29443 eval-rmse:1.29861 train-mae:2430.47 eval-mae:2441.93  
[181] train-rmse:1.28343 eval-rmse:1.28766 train-mae:2420.7 eval-mae:2432.21  
[182] train-rmse:1.27256 eval-rmse:1.27682 train-mae:2410.93 eval-mae:2422.46  
[183] train-rmse:1.26181 eval-rmse:1.26611 train-mae:2401.12 eval-mae:2412.69  
[184] train-rmse:1.25118 eval-rmse:1.25553 train-mae:2391.38 eval-mae:2403  
[185] train-rmse:1.24064 eval-rmse:1.24503 train-mae:2381.51 eval-mae:2393.17  
[186] train-rmse:1.23025 eval-rmse:1.23467 train-mae:2371.68 eval-mae:2383.37  
[187] train-rmse:1.21996 eval-rmse:1.22443 train-mae:2361.82 eval-mae:2373.56  
[188] train-rmse:1.20979 eval-rmse:1.21432 train-mae:2351.97 eval-mae:2363.77  
[189] train-rmse:1.19975 eval-rmse:1.20433 train-mae:2342.15 eval-mae:2354  
[190] train-rmse:1.18981 eval-rmse:1.19443 train-mae:2332.3 eval-mae:2344.21  
[191] train-rmse:1.18001 eval-rmse:1.18467 train-mae:2322.45 eval-mae:2334.4  
[192] train-rmse:1.1703 eval-rmse:1.175 train-mae:2312.58 eval-mae:2324.57  
[193] train-rmse:1.16072 eval-rmse:1.16547 train-mae:2302.81 eval-mae:2314.86  
[194] train-rmse:1.15125 eval-rmse:1.15606 train-mae:2292.95 eval-mae:2305.07  
[195] train-rmse:1.14188 eval-rmse:1.14674 train-mae:2283.12 eval-mae:2295.29  
[196] train-rmse:1.13264 eval-rmse:1.13755 train-mae:2273.32 eval-mae:2285.55  
[197] train-rmse:1.12348 eval-rmse:1.12843 train-mae:2263.49 eval-mae:2275.77  
[198] train-rmse:1.11445 eval-rmse:1.11945 train-mae:2253.7 eval-mae:2266.04  
[199] train-rmse:1.10553 eval-rmse:1.11058 train-mae:2243.89 eval-mae:2256.3  
[200] train-rmse:1.0967 eval-rmse:1.1018 train-mae:2234.08 eval-mae:2246.57  
[201] train-rmse:1.088 eval-rmse:1.09315 train-mae:2224.38 eval-mae:2236.93  
[202] train-rmse:1.07939 eval-rmse:1.08458 train-mae:2214.61 eval-mae:2227.23  
[203] train-rmse:1.07087 eval-rmse:1.07611 train-mae:2204.85 eval-mae:2217.54  
[204] train-rmse:1.06246 eval-rmse:1.06774 train-mae:2195.1 eval-mae:2207.86  
[205] train-rmse:1.05414 eval-rmse:1.05948 train-mae:2185.39 eval-mae:2198.23  
[206] train-rmse:1.0459 eval-rmse:1.0513 train-mae:2175.68 eval-mae:2188.61  
[207] train-rmse:1.03777 eval-rmse:1.04324 train-mae:2166 eval-mae:2179.02  
[208] train-rmse:1.02974 eval-rmse:1.03527 train-mae:2156.35 eval-mae:2169.46  
[209] train-rmse:1.0218 eval-rmse:1.0274 train-mae:2146.74 eval-mae:2159.95  
[210] train-rmse:1.01397 eval-rmse:1.01963 train-mae:2137.16 eval-mae:2150.46  
[211] train-rmse:1.00624 eval-rmse:1.01195 train-mae:2127.63 eval-mae:2141.02  
[212] train-rmse:0.99859 eval-rmse:1.00438 train-mae:2118.1 eval-mae:2131.61  
[213] train-rmse:0.991033 eval-rmse:0.996884 train-mae:2108.61 eval-mae:2122.21  
[214] train-rmse:0.983581 eval-rmse:0.989484 train-mae:2099.15 eval-mae:2112.83  
[215] train-rmse:0.976204 eval-rmse:0.982168 train-mae:2089.69 eval-mae:2103.46  
[216] train-rmse:0.968903 eval-rmse:0.974922 train-mae:2080.25 eval-mae:2094.1  
[217] train-rmse:0.961708 eval-rmse:0.967786 train-mae:2070.84 eval-mae:2084.79  
[218] train-rmse:0.954602 eval-rmse:0.960745 train-mae:2061.48 eval-mae:2075.53  
[219] train-rmse:0.947595 eval-rmse:0.953816 train-mae:2052.18 eval-mae:2066.34  
[220] train-rmse:0.940654 eval-rmse:0.946948 train-mae:2042.88 eval-mae:2057.17  
[221] train-rmse:0.9338 eval-rmse:0.940165 train-mae:2033.66 eval-mae:2048.05  
[222] train-rmse:0.927023 eval-rmse:0.933465 train-mae:2024.46 eval-mae:2038.99  
[223] train-rmse:0.920345 eval-rmse:0.926852 train-mae:2015.33 eval-mae:2029.97  
[224] train-rmse:0.913751 eval-rmse:0.920323 train-mae:2006.27 eval-mae:2021.03

[225] train-rmse:0.907825 eval-rmse:0.913882 train-mae:1997.282 eval-mae:2012.09  
[226] train-rmse:0.900825 eval-rmse:0.907533 train-mae:1988.2 eval-mae:2003.22  
[227] train-rmse:0.894485 eval-rmse:0.901254 train-mae:1979.24 eval-mae:1994.39  
[228] train-rmse:0.88822 eval-rmse:0.895054 train-mae:1970.3 eval-mae:1985.6  
[229] train-rmse:0.88203 eval-rmse:0.888931 train-mae:1961.45 eval-mae:1976.89  
[230] train-rmse:0.875899 eval-rmse:0.882887 train-mae:1952.6 eval-mae:1968.19  
[231] train-rmse:0.869862 eval-rmse:0.876921 train-mae:1943.87 eval-mae:1959.59  
[232] train-rmse:0.863911 eval-rmse:0.871028 train-mae:1935.12 eval-mae:1950.96  
[233] train-rmse:0.858026 eval-rmse:0.865219 train-mae:1926.42 eval-mae:1942.43  
[234] train-rmse:0.852214 eval-rmse:0.85948 train-mae:1917.78 eval-mae:1933.94  
[235] train-rmse:0.846455 eval-rmse:0.853807 train-mae:1909.17 eval-mae:1925.51  
[236] train-rmse:0.840788 eval-rmse:0.848211 train-mae:1900.6 eval-mae:1917.11  
[237] train-rmse:0.835185 eval-rmse:0.842703 train-mae:1892.08 eval-mae:1908.78  
[238] train-rmse:0.829684 eval-rmse:0.83727 train-mae:1883.67 eval-mae:1900.54  
[239] train-rmse:0.824231 eval-rmse:0.831914 train-mae:1875.33 eval-mae:1892.39  
[240] train-rmse:0.818845 eval-rmse:0.826623 train-mae:1867.02 eval-mae:1884.29  
[241] train-rmse:0.81351 eval-rmse:0.821382 train-mae:1858.72 eval-mae:1876.19  
[242] train-rmse:0.80828 eval-rmse:0.816227 train-mae:1850.53 eval-mae:1868.17  
[243] train-rmse:0.803119 eval-rmse:0.811139 train-mae:1842.39 eval-mae:1860.2  
[244] train-rmse:0.798028 eval-rmse:0.806116 train-mae:1834.27 eval-mae:1852.24  
[245] train-rmse:0.79298 eval-rmse:0.801162 train-mae:1826.21 eval-mae:1844.38  
[246] train-rmse:0.787999 eval-rmse:0.79627 train-mae:1818.29 eval-mae:1836.65  
[247] train-rmse:0.783101 eval-rmse:0.791456 train-mae:1810.4 eval-mae:1828.95  
[248] train-rmse:0.778292 eval-rmse:0.786716 train-mae:1802.58 eval-mae:1821.29  
[249] train-rmse:0.77352 eval-rmse:0.782026 train-mae:1794.78 eval-mae:1813.66  
[250] train-rmse:0.768815 eval-rmse:0.777405 train-mae:1787.02 eval-mae:1806.09  
[251] train-rmse:0.764149 eval-rmse:0.772851 train-mae:1779.32 eval-mae:1798.6  
[252] train-rmse:0.759546 eval-rmse:0.768354 train-mae:1771.68 eval-mae:1791.19  
[253] train-rmse:0.75501 eval-rmse:0.763914 train-mae:1764.11 eval-mae:1783.83  
[254] train-rmse:0.750537 eval-rmse:0.759538 train-mae:1756.62 eval-mae:1776.55  
[255] train-rmse:0.746114 eval-rmse:0.755225 train-mae:1749.18 eval-mae:1769.32  
[256] train-rmse:0.741797 eval-rmse:0.750986 train-mae:1741.83 eval-mae:1762.15  
[257] train-rmse:0.737499 eval-rmse:0.746769 train-mae:1734.47 eval-mae:1754.98  
[258] train-rmse:0.733263 eval-rmse:0.742638 train-mae:1727.22 eval-mae:1747.93  
[259] train-rmse:0.729096 eval-rmse:0.73856 train-mae:1720.01 eval-mae:1740.91  
[260] train-rmse:0.724997 eval-rmse:0.734547 train-mae:1712.9 eval-mae:1734.01  
[261] train-rmse:0.720929 eval-rmse:0.730559 train-mae:1705.77 eval-mae:1727.07  
[262] train-rmse:0.716925 eval-rmse:0.726655 train-mae:1698.78 eval-mae:1720.28  
[263] train-rmse:0.712967 eval-rmse:0.722796 train-mae:1691.79 eval-mae:1713.52  
[264] train-rmse:0.709076 eval-rmse:0.719005 train-mae:1684.89 eval-mae:1706.83  
[265] train-rmse:0.705212 eval-rmse:0.715244 train-mae:1678.02 eval-mae:1700.18  
[266] train-rmse:0.701423 eval-rmse:0.711531 train-mae:1671.26 eval-mae:1693.6  
[267] train-rmse:0.697686 eval-rmse:0.707882 train-mae:1664.55 eval-mae:1687.07  
[268] train-rmse:0.693975 eval-rmse:0.704282 train-mae:1657.81 eval-mae:1680.57  
[269] train-rmse:0.69035 eval-rmse:0.700747 train-mae:1651.19 eval-mae:1674.17  
[270] train-rmse:0.686752 eval-rmse:0.697269 train-mae:1644.66 eval-mae:1667.89  
[271] train-rmse:0.683197 eval-rmse:0.693838 train-mae:1638.18 eval-mae:1661.66  
[272] train-rmse:0.679716 eval-rmse:0.690447 train-mae:1631.79 eval-mae:1655.46  
[273] train-rmse:0.676279 eval-rmse:0.687119 train-mae:1625.44 eval-mae:1649.35  
[274] train-rmse:0.672893 eval-rmse:0.683845 train-mae:1619.16 eval-mae:1643.31  
[275] train-rmse:0.669549 eval-rmse:0.680603 train-mae:1612.9 eval-mae:1637.27  
[276] train-rmse:0.666283 eval-rmse:0.677413 train-mae:1606.79 eval-mae:1631.34  
[277] train-rmse:0.663054 eval-rmse:0.674278 train-mae:1600.68 eval-mae:1625.46  
[278] train-rmse:0.659852 eval-rmse:0.671184 train-mae:1594.64 eval-mae:1619.67  
[279] train-rmse:0.656691 eval-rmse:0.668127 train-mae:1588.6 eval-mae:1613.86  
[280] train-rmse:0.653582 eval-rmse:0.66513 train-mae:1582.64 eval-mae:1608.18  
[281] train-rmse:0.650514 eval-rmse:0.662161 train-mae:1576.77 eval-mae:1602.56  
[282] train-rmse:0.64751 eval-rmse:0.659253 train-mae:1570.98 eval-mae:1597.01  
[283] train-rmse:0.644558 eval-rmse:0.656398 train-mae:1565.27 eval-mae:1591.55  
[284] train-rmse:0.641603 eval-rmse:0.653551 train-mae:1559.56 eval-mae:1586.1  
[285] train-rmse:0.638736 eval-rmse:0.650774 train-mae:1553.96 eval-mae:1580.74  
[286] train-rmse:0.635891 eval-rmse:0.648027 train-mae:1548.38 eval-mae:1575.43  
[287] train-rmse:0.633116 eval-rmse:0.645346 train-mae:1542.93 eval-mae:1570.2  
[288] train-rmse:0.630378 eval-rmse:0.642698 train-mae:1537.5 eval-mae:1565  
[289] train-rmse:0.627683 eval-rmse:0.640101 train-mae:1532.19 eval-mae:1559.95  
[290] train-rmse:0.625007 eval-rmse:0.637527 train-mae:1526.84 eval-mae:1554.85  
[291] train-rmse:0.622386 eval-rmse:0.634998 train-mae:1521.55 eval-mae:1549.8  
[292] train-rmse:0.61977 eval-rmse:0.632496 train-mae:1516.27 eval-mae:1544.81  
[293] train-rmse:0.617213 eval-rmse:0.630029 train-mae:1511.08 eval-mae:1539.85  
[294] train-rmse:0.614665 eval-rmse:0.627596 train-mae:1505.92 eval-mae:1534.99  
[295] train-rmse:0.612162 eval-rmse:0.625202 train-mae:1500.82 eval-mae:1530.17  
[296] train-rmse:0.609715 eval-rmse:0.622857 train-mae:1495.83 eval-mae:1525.46



[297] train-rmse:0.607299 eval-rmse:0.620546 train-mae:1490.83 eval-mae:1520.74  
[298] train-rmse:0.604911 eval-rmse:0.618264 train-mae:1485.88 eval-mae:1516.08  
[299] train-rmse:0.602568 eval-rmse:0.616025 train-mae:1481.02 eval-mae:1511.49  
[300] train-rmse:0.600237 eval-rmse:0.61382 train-mae:1476.22 eval-mae:1506.99  
[301] train-rmse:0.597946 eval-rmse:0.611629 train-mae:1471.39 eval-mae:1502.44  
[302] train-rmse:0.595697 eval-rmse:0.609494 train-mae:1466.67 eval-mae:1498.03  
[303] train-rmse:0.593477 eval-rmse:0.607397 train-mae:1462.02 eval-mae:1493.69  
[304] train-rmse:0.591308 eval-rmse:0.605335 train-mae:1457.42 eval-mae:1489.41  
[305] train-rmse:0.589156 eval-rmse:0.603287 train-mae:1452.85 eval-mae:1485.13  
[306] train-rmse:0.587052 eval-rmse:0.601282 train-mae:1448.38 eval-mae:1480.95  
[307] train-rmse:0.584924 eval-rmse:0.599291 train-mae:1443.87 eval-mae:1476.78  
[308] train-rmse:0.582887 eval-rmse:0.597359 train-mae:1439.51 eval-mae:1472.69  
[309] train-rmse:0.580856 eval-rmse:0.59545 train-mae:1435.12 eval-mae:1468.64  
[310] train-rmse:0.578854 eval-rmse:0.593551 train-mae:1430.76 eval-mae:1464.56  
[311] train-rmse:0.576883 eval-rmse:0.591688 train-mae:1426.48 eval-mae:1460.57  
[312] train-rmse:0.574978 eval-rmse:0.589857 train-mae:1422.33 eval-mae:1456.65  
[313] train-rmse:0.573071 eval-rmse:0.588059 train-mae:1418.17 eval-mae:1452.8  
[314] train-rmse:0.57121 eval-rmse:0.586308 train-mae:1414.08 eval-mae:1449.02  
[315] train-rmse:0.569364 eval-rmse:0.584578 train-mae:1410.01 eval-mae:1445.25  
[316] train-rmse:0.567514 eval-rmse:0.582848 train-mae:1405.95 eval-mae:1441.51  
[317] train-rmse:0.565684 eval-rmse:0.581157 train-mae:1401.9 eval-mae:1437.81  
[318] train-rmse:0.563934 eval-rmse:0.579506 train-mae:1397.98 eval-mae:1434.18  
[319] train-rmse:0.562234 eval-rmse:0.577877 train-mae:1394.13 eval-mae:1430.58  
[320] train-rmse:0.560529 eval-rmse:0.576275 train-mae:1390.28 eval-mae:1427.02  
[321] train-rmse:0.558855 eval-rmse:0.574702 train-mae:1386.52 eval-mae:1423.54  
[322] train-rmse:0.557214 eval-rmse:0.573141 train-mae:1382.76 eval-mae:1420.04  
[323] train-rmse:0.555568 eval-rmse:0.571612 train-mae:1379.03 eval-mae:1416.62  
[324] train-rmse:0.553915 eval-rmse:0.570107 train-mae:1375.3 eval-mae:1413.26  
[325] train-rmse:0.552333 eval-rmse:0.568633 train-mae:1371.71 eval-mae:1409.95  
[326] train-rmse:0.550779 eval-rmse:0.567192 train-mae:1368.11 eval-mae:1406.69  
[327] train-rmse:0.549273 eval-rmse:0.56577 train-mae:1364.64 eval-mae:1403.48  
[328] train-rmse:0.547766 eval-rmse:0.564377 train-mae:1361.18 eval-mae:1400.33  
[329] train-rmse:0.546281 eval-rmse:0.562999 train-mae:1357.72 eval-mae:1397.17  
[330] train-rmse:0.544812 eval-rmse:0.561635 train-mae:1354.28 eval-mae:1394.03  
[331] train-rmse:0.543353 eval-rmse:0.560294 train-mae:1350.86 eval-mae:1390.92  
[332] train-rmse:0.541921 eval-rmse:0.558982 train-mae:1347.5 eval-mae:1387.88  
[333] train-rmse:0.540535 eval-rmse:0.557705 train-mae:1344.2 eval-mae:1384.91  
[334] train-rmse:0.53916 eval-rmse:0.556432 train-mae:1340.91 eval-mae:1381.94  
[335] train-rmse:0.537803 eval-rmse:0.555183 train-mae:1337.69 eval-mae:1379.01  
[336] train-rmse:0.536451 eval-rmse:0.55395 train-mae:1334.47 eval-mae:1376.13  
[337] train-rmse:0.535159 eval-rmse:0.552751 train-mae:1331.36 eval-mae:1373.31  
[338] train-rmse:0.533859 eval-rmse:0.551571 train-mae:1328.27 eval-mae:1370.53  
[339] train-rmse:0.532589 eval-rmse:0.550415 train-mae:1325.23 eval-mae:1367.8  
[340] train-rmse:0.531345 eval-rmse:0.54927 train-mae:1322.24 eval-mae:1365.09  
[341] train-rmse:0.530118 eval-rmse:0.54814 train-mae:1319.28 eval-mae:1362.41  
[342] train-rmse:0.528894 eval-rmse:0.547022 train-mae:1316.27 eval-mae:1359.72  
[343] train-rmse:0.527671 eval-rmse:0.545917 train-mae:1313.28 eval-mae:1357.04  
[344] train-rmse:0.526519 eval-rmse:0.544856 train-mae:1310.43 eval-mae:1354.48  
[345] train-rmse:0.525353 eval-rmse:0.543803 train-mae:1307.58 eval-mae:1351.95  
[346] train-rmse:0.524203 eval-rmse:0.542751 train-mae:1304.75 eval-mae:1349.41  
[347] train-rmse:0.52307 eval-rmse:0.541727 train-mae:1301.91 eval-mae:1346.88  
[348] train-rmse:0.521962 eval-rmse:0.54073 train-mae:1299.16 eval-mae:1344.44  
[349] train-rmse:0.52088 eval-rmse:0.539756 train-mae:1296.47 eval-mae:1342.06  
[350] train-rmse:0.519821 eval-rmse:0.538789 train-mae:1293.76 eval-mae:1339.64  
[351] train-rmse:0.518757 eval-rmse:0.537826 train-mae:1291.08 eval-mae:1337.25  
[352] train-rmse:0.517718 eval-rmse:0.536899 train-mae:1288.46 eval-mae:1334.94  
[353] train-rmse:0.516709 eval-rmse:0.535981 train-mae:1285.9 eval-mae:1332.65  
[354] train-rmse:0.515721 eval-rmse:0.53507 train-mae:1283.39 eval-mae:1330.38  
[355] train-rmse:0.514744 eval-rmse:0.534177 train-mae:1280.86 eval-mae:1328.11  
[356] train-rmse:0.513786 eval-rmse:0.533302 train-mae:1278.43 eval-mae:1325.92  
[357] train-rmse:0.512813 eval-rmse:0.532418 train-mae:1275.95 eval-mae:1323.69  
[358] train-rmse:0.511903 eval-rmse:0.531578 train-mae:1273.61 eval-mae:1321.57  
[359] train-rmse:0.510975 eval-rmse:0.530736 train-mae:1271.17 eval-mae:1319.37  
[360] train-rmse:0.510047 eval-rmse:0.529927 train-mae:1268.79 eval-mae:1317.3  
[361] train-rmse:0.509177 eval-rmse:0.52913 train-mae:1266.49 eval-mae:1315.22  
[362] train-rmse:0.508319 eval-rmse:0.528352 train-mae:1264.22 eval-mae:1313.19  
[363] train-rmse:0.507438 eval-rmse:0.527567 train-mae:1261.91 eval-mae:1311.14  
[364] train-rmse:0.506584 eval-rmse:0.526789 train-mae:1259.64 eval-mae:1309.11  
[365] train-rmse:0.505743 eval-rmse:0.52604 train-mae:1257.41 eval-mae:1307.15  
[366] train-rmse:0.504922 eval-rmse:0.525313 train-mae:1255.31 eval-mae:1305.3  
[367] train-rmse:0.504083 eval-rmse:0.524587 train-mae:1253.11 eval-mae:1303.39  
[368] train-rmse:0.503278 eval-rmse:0.52389 train-mae:1251.04 eval-mae:1301.59

[369] train-rmse:0.502511 eval-rmse:0.523182 train-mae:1248.95 eval-mae:1299.71  
[370] train-rmse:0.501754 eval-rmse:0.522498 train-mae:1246.9 eval-mae:1297.88  
[371] train-rmse:0.501003 eval-rmse:0.52183 train-mae:1244.87 eval-mae:1296.08  
[372] train-rmse:0.500256 eval-rmse:0.521165 train-mae:1242.85 eval-mae:1294.29  
[373] train-rmse:0.499492 eval-rmse:0.520506 train-mae:1240.81 eval-mae:1292.54  
[374] train-rmse:0.498771 eval-rmse:0.519866 train-mae:1238.83 eval-mae:1290.8  
[375] train-rmse:0.498052 eval-rmse:0.519236 train-mae:1236.83 eval-mae:1289.04  
[376] train-rmse:0.497366 eval-rmse:0.518624 train-mae:1234.94 eval-mae:1287.38  
[377] train-rmse:0.496639 eval-rmse:0.518008 train-mae:1232.95 eval-mae:1285.68  
[378] train-rmse:0.495917 eval-rmse:0.517401 train-mae:1231 eval-mae:1284.01  
[379] train-rmse:0.495216 eval-rmse:0.516801 train-mae:1229.09 eval-mae:1282.36  
[380] train-rmse:0.494555 eval-rmse:0.516231 train-mae:1227.31 eval-mae:1280.8  
[381] train-rmse:0.493875 eval-rmse:0.515659 train-mae:1225.46 eval-mae:1279.23  
[382] train-rmse:0.49321 eval-rmse:0.515108 train-mae:1223.62 eval-mae:1277.7  
[383] train-rmse:0.492563 eval-rmse:0.514552 train-mae:1221.81 eval-mae:1276.12  
[384] train-rmse:0.491912 eval-rmse:0.514008 train-mae:1219.98 eval-mae:1274.56  
[385] train-rmse:0.491288 eval-rmse:0.513482 train-mae:1218.23 eval-mae:1273.08  
[386] train-rmse:0.490694 eval-rmse:0.512956 train-mae:1216.53 eval-mae:1271.58  
[387] train-rmse:0.490079 eval-rmse:0.512441 train-mae:1214.83 eval-mae:1270.13  
[388] train-rmse:0.489494 eval-rmse:0.511935 train-mae:1213.13 eval-mae:1268.68  
[389] train-rmse:0.488949 eval-rmse:0.511453 train-mae:1211.55 eval-mae:1267.29  
[390] train-rmse:0.488384 eval-rmse:0.510965 train-mae:1209.92 eval-mae:1265.88  
[391] train-rmse:0.487817 eval-rmse:0.510489 train-mae:1208.32 eval-mae:1264.52  
[392] train-rmse:0.487252 eval-rmse:0.510009 train-mae:1206.69 eval-mae:1263.11  
[393] train-rmse:0.486695 eval-rmse:0.509543 train-mae:1205.12 eval-mae:1261.77  
[394] train-rmse:0.486128 eval-rmse:0.509072 train-mae:1203.48 eval-mae:1260.39  
[395] train-rmse:0.485539 eval-rmse:0.50862 train-mae:1201.82 eval-mae:1259.06  
[396] train-rmse:0.485002 eval-rmse:0.508177 train-mae:1200.31 eval-mae:1257.78  
[397] train-rmse:0.484463 eval-rmse:0.507751 train-mae:1198.79 eval-mae:1256.51  
[398] train-rmse:0.483885 eval-rmse:0.507302 train-mae:1197.15 eval-mae:1255.19  
[399] train-rmse:0.483347 eval-rmse:0.506876 train-mae:1195.59 eval-mae:1253.9  
[400] train-rmse:0.482864 eval-rmse:0.506466 train-mae:1194.14 eval-mae:1252.67  
[401] train-rmse:0.482369 eval-rmse:0.506067 train-mae:1192.68 eval-mae:1251.48  
[402] train-rmse:0.481907 eval-rmse:0.505669 train-mae:1191.28 eval-mae:1250.26  
[403] train-rmse:0.48144 eval-rmse:0.505274 train-mae:1189.88 eval-mae:1249.08  
[404] train-rmse:0.48094 eval-rmse:0.504868 train-mae:1188.39 eval-mae:1247.84  
[405] train-rmse:0.480476 eval-rmse:0.504486 train-mae:1186.98 eval-mae:1246.65  
[406] train-rmse:0.47998 eval-rmse:0.504107 train-mae:1185.52 eval-mae:1245.49  
[407] train-rmse:0.479508 eval-rmse:0.503741 train-mae:1184.15 eval-mae:1244.36  
[408] train-rmse:0.479067 eval-rmse:0.503384 train-mae:1182.8 eval-mae:1243.24  
[409] train-rmse:0.47864 eval-rmse:0.503024 train-mae:1181.51 eval-mae:1242.14  
[410] train-rmse:0.478199 eval-rmse:0.50267 train-mae:1180.19 eval-mae:1241.04  
[411] train-rmse:0.477734 eval-rmse:0.502314 train-mae:1178.82 eval-mae:1239.93  
[412] train-rmse:0.477299 eval-rmse:0.501978 train-mae:1177.56 eval-mae:1238.91  
[413] train-rmse:0.476883 eval-rmse:0.501657 train-mae:1176.27 eval-mae:1237.89  
[414] train-rmse:0.476466 eval-rmse:0.501318 train-mae:1174.98 eval-mae:1236.83  
[415] train-rmse:0.476077 eval-rmse:0.501004 train-mae:1173.78 eval-mae:1235.83  
[416] train-rmse:0.475671 eval-rmse:0.50069 train-mae:1172.53 eval-mae:1234.84  
[417] train-rmse:0.475289 eval-rmse:0.500388 train-mae:1171.38 eval-mae:1233.9  
[418] train-rmse:0.474879 eval-rmse:0.500085 train-mae:1170.2 eval-mae:1232.97  
[419] train-rmse:0.474518 eval-rmse:0.499799 train-mae:1169.04 eval-mae:1232.04  
[420] train-rmse:0.4741 eval-rmse:0.499496 train-mae:1167.83 eval-mae:1231.11  
[421] train-rmse:0.473758 eval-rmse:0.499226 train-mae:1166.76 eval-mae:1230.26  
[422] train-rmse:0.47339 eval-rmse:0.498941 train-mae:1165.6 eval-mae:1229.34  
[423] train-rmse:0.47302 eval-rmse:0.498667 train-mae:1164.45 eval-mae:1228.46  
[424] train-rmse:0.472671 eval-rmse:0.498397 train-mae:1163.39 eval-mae:1227.62  
[425] train-rmse:0.472323 eval-rmse:0.498124 train-mae:1162.3 eval-mae:1226.74  
[426] train-rmse:0.471998 eval-rmse:0.497854 train-mae:1161.23 eval-mae:1225.84  
[427] train-rmse:0.471648 eval-rmse:0.497582 train-mae:1160.11 eval-mae:1224.95  
[428] train-rmse:0.471289 eval-rmse:0.49732 train-mae:1159 eval-mae:1224.08  
[429] train-rmse:0.470961 eval-rmse:0.497074 train-mae:1157.96 eval-mae:1223.27  
[430] train-rmse:0.470654 eval-rmse:0.496828 train-mae:1156.95 eval-mae:1222.44  
[431] train-rmse:0.470309 eval-rmse:0.496578 train-mae:1155.89 eval-mae:1221.61  
[432] train-rmse:0.469934 eval-rmse:0.496337 train-mae:1154.77 eval-mae:1220.82  
[433] train-rmse:0.469655 eval-rmse:0.496109 train-mae:1153.85 eval-mae:1220.06  
[434] train-rmse:0.469347 eval-rmse:0.495868 train-mae:1152.87 eval-mae:1219.26  
[435] train-rmse:0.468995 eval-rmse:0.495636 train-mae:1151.8 eval-mae:1218.49  
[436] train-rmse:0.468664 eval-rmse:0.49541 train-mae:1150.8 eval-mae:1217.72  
[437] train-rmse:0.468364 eval-rmse:0.495172 train-mae:1149.83 eval-mae:1216.92  
[438] train-rmse:0.468096 eval-rmse:0.494961 train-mae:1148.91 eval-mae:1216.18  
[439] train-rmse:0.467784 eval-rmse:0.49475 train-mae:1147.95 eval-mae:1215.47  
[440] train-rmse:0.467464 eval-rmse:0.494545 train-mae:1146.97 eval-mae:1214.79

[441] train-rmse:0.467177 eval-rmse:0.494135 train-mae:1146.04 eval-mae:1214.07  
[442] train-rmse:0.466908 eval-rmse:0.494135 train-mae:1145.12 eval-mae:1213.33  
[443] train-rmse:0.466654 eval-rmse:0.493946 train-mae:1144.27 eval-mae:1212.66  
[444] train-rmse:0.466377 eval-rmse:0.493743 train-mae:1143.36 eval-mae:1211.94  
[445] train-rmse:0.466053 eval-rmse:0.493546 train-mae:1142.4 eval-mae:1211.28  
[446] train-rmse:0.465764 eval-rmse:0.493346 train-mae:1141.44 eval-mae:1210.56  
[447] train-rmse:0.465527 eval-rmse:0.493158 train-mae:1140.62 eval-mae:1209.88  
[448] train-rmse:0.46525 eval-rmse:0.492971 train-mae:1139.72 eval-mae:1209.22  
[449] train-rmse:0.465009 eval-rmse:0.492783 train-mae:1138.91 eval-mae:1208.56  
[450] train-rmse:0.464751 eval-rmse:0.492607 train-mae:1138.08 eval-mae:1207.96  
[451] train-rmse:0.464507 eval-rmse:0.492433 train-mae:1137.27 eval-mae:1207.33  
[452] train-rmse:0.464269 eval-rmse:0.492271 train-mae:1136.48 eval-mae:1206.74  
[453] train-rmse:0.463987 eval-rmse:0.492104 train-mae:1135.59 eval-mae:1206.15  
[454] train-rmse:0.463759 eval-rmse:0.491941 train-mae:1134.78 eval-mae:1205.54  
[455] train-rmse:0.463492 eval-rmse:0.491771 train-mae:1133.95 eval-mae:1204.96  
[456] train-rmse:0.463222 eval-rmse:0.491603 train-mae:1133.1 eval-mae:1204.37  
[457] train-rmse:0.462982 eval-rmse:0.491437 train-mae:1132.3 eval-mae:1203.77  
[458] train-rmse:0.462745 eval-rmse:0.491282 train-mae:1131.53 eval-mae:1203.21  
[459] train-rmse:0.46246 eval-rmse:0.491118 train-mae:1130.66 eval-mae:1202.64  
[460] train-rmse:0.462239 eval-rmse:0.490961 train-mae:1129.88 eval-mae:1202.05  
[461] train-rmse:0.461972 eval-rmse:0.490789 train-mae:1129.03 eval-mae:1201.43  
[462] train-rmse:0.461777 eval-rmse:0.490642 train-mae:1128.32 eval-mae:1200.88  
[463] train-rmse:0.461556 eval-rmse:0.490492 train-mae:1127.56 eval-mae:1200.3  
[464] train-rmse:0.461349 eval-rmse:0.490346 train-mae:1126.84 eval-mae:1199.74  
[465] train-rmse:0.461103 eval-rmse:0.490204 train-mae:1126.08 eval-mae:1199.23  
[466] train-rmse:0.460892 eval-rmse:0.490058 train-mae:1125.38 eval-mae:1198.69  
[467] train-rmse:0.460725 eval-rmse:0.489932 train-mae:1124.74 eval-mae:1198.19  
[468] train-rmse:0.46051 eval-rmse:0.489794 train-mae:1124.01 eval-mae:1197.67  
[469] train-rmse:0.460314 eval-rmse:0.48967 train-mae:1123.35 eval-mae:1197.22  
[470] train-rmse:0.460126 eval-rmse:0.489538 train-mae:1122.69 eval-mae:1196.73  
[471] train-rmse:0.459903 eval-rmse:0.489396 train-mae:1121.96 eval-mae:1196.21  
[472] train-rmse:0.459676 eval-rmse:0.489262 train-mae:1121.25 eval-mae:1195.71  
[473] train-rmse:0.459461 eval-rmse:0.489133 train-mae:1120.56 eval-mae:1195.23  
[474] train-rmse:0.459243 eval-rmse:0.489006 train-mae:1119.87 eval-mae:1194.77  
[475] train-rmse:0.459041 eval-rmse:0.488888 train-mae:1119.22 eval-mae:1194.33  
[476] train-rmse:0.458874 eval-rmse:0.488768 train-mae:1118.61 eval-mae:1193.86  
[477] train-rmse:0.458692 eval-rmse:0.488646 train-mae:1117.98 eval-mae:1193.41  
[478] train-rmse:0.458529 eval-rmse:0.48854 train-mae:1117.4 eval-mae:1192.99  
[479] train-rmse:0.45834 eval-rmse:0.488432 train-mae:1116.75 eval-mae:1192.56  
[480] train-rmse:0.45811 eval-rmse:0.488312 train-mae:1116 eval-mae:1192.1  
[481] train-rmse:0.457883 eval-rmse:0.488196 train-mae:1115.3 eval-mae:1191.69  
[482] train-rmse:0.457706 eval-rmse:0.488087 train-mae:1114.72 eval-mae:1191.3  
[483] train-rmse:0.457514 eval-rmse:0.487976 train-mae:1114.06 eval-mae:1190.84  
[484] train-rmse:0.457314 eval-rmse:0.487869 train-mae:1113.41 eval-mae:1190.44  
[485] train-rmse:0.457141 eval-rmse:0.487771 train-mae:1112.79 eval-mae:1190.03  
[486] train-rmse:0.456951 eval-rmse:0.487664 train-mae:1112.15 eval-mae:1189.61  
[487] train-rmse:0.456786 eval-rmse:0.487558 train-mae:1111.53 eval-mae:1189.18  
[488] train-rmse:0.456625 eval-rmse:0.487454 train-mae:1110.95 eval-mae:1188.78  
[489] train-rmse:0.456451 eval-rmse:0.48735 train-mae:1110.36 eval-mae:1188.38  
[490] train-rmse:0.456286 eval-rmse:0.487253 train-mae:1109.79 eval-mae:1188.01  
[491] train-rmse:0.456113 eval-rmse:0.487153 train-mae:1109.21 eval-mae:1187.61  
[492] train-rmse:0.455942 eval-rmse:0.487061 train-mae:1108.63 eval-mae:1187.24  
[493] train-rmse:0.4558 eval-rmse:0.486974 train-mae:1108.09 eval-mae:1186.88  
[494] train-rmse:0.455594 eval-rmse:0.48688 train-mae:1107.46 eval-mae:1186.52  
[495] train-rmse:0.455419 eval-rmse:0.486777 train-mae:1106.89 eval-mae:1186.14  
[496] train-rmse:0.455262 eval-rmse:0.486682 train-mae:1106.37 eval-mae:1185.78  
[497] train-rmse:0.455092 eval-rmse:0.486589 train-mae:1105.83 eval-mae:1185.44  
[498] train-rmse:0.454953 eval-rmse:0.486498 train-mae:1105.32 eval-mae:1185.08  
[499] train-rmse:0.454781 eval-rmse:0.486407 train-mae:1104.74 eval-mae:1184.71  
[500] train-rmse:0.454629 eval-rmse:0.486325 train-mae:1104.23 eval-mae:1184.38  
[501] train-rmse:0.45449 eval-rmse:0.486248 train-mae:1103.73 eval-mae:1184.06  
[502] train-rmse:0.454365 eval-rmse:0.486173 train-mae:1103.28 eval-mae:1183.75  
[503] train-rmse:0.454186 eval-rmse:0.486077 train-mae:1102.68 eval-mae:1183.38  
[504] train-rmse:0.454039 eval-rmse:0.486003 train-mae:1102.2 eval-mae:1183.08  
[505] train-rmse:0.453875 eval-rmse:0.485923 train-mae:1101.68 eval-mae:1182.78  
[506] train-rmse:0.453716 eval-rmse:0.485838 train-mae:1101.16 eval-mae:1182.44  
[507] train-rmse:0.453591 eval-rmse:0.48577 train-mae:1100.68 eval-mae:1182.15  
[508] train-rmse:0.453439 eval-rmse:0.485698 train-mae:1100.15 eval-mae:1181.86  
[509] train-rmse:0.453313 eval-rmse:0.485626 train-mae:1099.7 eval-mae:1181.55  
[510] train-rmse:0.45316 eval-rmse:0.485556 train-mae:1099.19 eval-mae:1181.26  
[511] train-rmse:0.453049 eval-rmse:0.485488 train-mae:1098.77 eval-mae:1180.97  
[512] train-rmse:0.452877 eval-rmse:0.485398 train-mae:1098.2 eval-mae:1180.61

[513] train-rmse:0.45275 eval-rmse:0.485322 train-mae:1097.72 eval-mae:1180.28  
[514] train-rmse:0.452618 eval-rmse:0.485245 train-mae:1097.26 eval-mae:1179.97  
[515] train-rmse:0.452516 eval-rmse:0.485183 train-mae:1096.89 eval-mae:1179.73  
[516] train-rmse:0.452363 eval-rmse:0.485114 train-mae:1096.39 eval-mae:1179.43  
[517] train-rmse:0.452225 eval-rmse:0.48504 train-mae:1095.92 eval-mae:1179.13  
[518] train-rmse:0.452114 eval-rmse:0.484976 train-mae:1095.51 eval-mae:1178.85  
[519] train-rmse:0.451973 eval-rmse:0.484911 train-mae:1095.01 eval-mae:1178.58  
[520] train-rmse:0.451872 eval-rmse:0.484849 train-mae:1094.6 eval-mae:1178.3  
[521] train-rmse:0.451752 eval-rmse:0.484786 train-mae:1094.19 eval-mae:1178.06  
[522] train-rmse:0.451607 eval-rmse:0.484721 train-mae:1093.71 eval-mae:1177.79  
[523] train-rmse:0.451458 eval-rmse:0.484662 train-mae:1093.23 eval-mae:1177.55  
[524] train-rmse:0.451367 eval-rmse:0.484603 train-mae:1092.85 eval-mae:1177.27  
[525] train-rmse:0.451204 eval-rmse:0.484541 train-mae:1092.36 eval-mae:1177.03  
[526] train-rmse:0.451095 eval-rmse:0.484483 train-mae:1091.97 eval-mae:1176.81  
[527] train-rmse:0.450976 eval-rmse:0.484424 train-mae:1091.56 eval-mae:1176.56  
[528] train-rmse:0.450812 eval-rmse:0.484363 train-mae:1091.08 eval-mae:1176.32  
[529] train-rmse:0.4507 eval-rmse:0.484309 train-mae:1090.71 eval-mae:1176.1  
[530] train-rmse:0.45061 eval-rmse:0.484254 train-mae:1090.36 eval-mae:1175.86  
[531] train-rmse:0.450467 eval-rmse:0.484196 train-mae:1089.9 eval-mae:1175.63  
[532] train-rmse:0.450368 eval-rmse:0.484145 train-mae:1089.54 eval-mae:1175.4  
[533] train-rmse:0.450218 eval-rmse:0.484087 train-mae:1089.08 eval-mae:1175.16  
[534] train-rmse:0.450108 eval-rmse:0.484036 train-mae:1088.69 eval-mae:1174.93  
[535] train-rmse:0.449982 eval-rmse:0.483992 train-mae:1088.25 eval-mae:1174.71  
[536] train-rmse:0.449867 eval-rmse:0.483937 train-mae:1087.84 eval-mae:1174.47  
[537] train-rmse:0.449771 eval-rmse:0.483884 train-mae:1087.48 eval-mae:1174.23  
[538] train-rmse:0.44969 eval-rmse:0.483841 train-mae:1087.15 eval-mae:1174.03  
[539] train-rmse:0.449539 eval-rmse:0.483789 train-mae:1086.66 eval-mae:1173.81  
[540] train-rmse:0.449413 eval-rmse:0.483736 train-mae:1086.22 eval-mae:1173.59  
[541] train-rmse:0.449245 eval-rmse:0.483684 train-mae:1085.76 eval-mae:1173.39  
[542] train-rmse:0.449089 eval-rmse:0.483627 train-mae:1085.3 eval-mae:1173.16  
[543] train-rmse:0.448999 eval-rmse:0.48358 train-mae:1084.97 eval-mae:1172.97  
[544] train-rmse:0.448892 eval-rmse:0.483534 train-mae:1084.6 eval-mae:1172.77  
[545] train-rmse:0.448788 eval-rmse:0.483486 train-mae:1084.24 eval-mae:1172.57  
[546] train-rmse:0.448661 eval-rmse:0.483436 train-mae:1083.8 eval-mae:1172.34  
[547] train-rmse:0.448565 eval-rmse:0.483387 train-mae:1083.45 eval-mae:1172.14  
[548] train-rmse:0.44842 eval-rmse:0.483349 train-mae:1083.01 eval-mae:1171.98  
[549] train-rmse:0.44833 eval-rmse:0.483305 train-mae:1082.68 eval-mae:1171.8  
[550] train-rmse:0.448249 eval-rmse:0.48327 train-mae:1082.38 eval-mae:1171.63  
[551] train-rmse:0.448145 eval-rmse:0.483222 train-mae:1081.99 eval-mae:1171.4  
[552] train-rmse:0.448049 eval-rmse:0.483179 train-mae:1081.65 eval-mae:1171.19  
[553] train-rmse:0.447913 eval-rmse:0.483134 train-mae:1081.23 eval-mae:1170.99  
[554] train-rmse:0.447816 eval-rmse:0.48309 train-mae:1080.89 eval-mae:1170.79  
[555] train-rmse:0.447731 eval-rmse:0.483052 train-mae:1080.62 eval-mae:1170.64  
[556] train-rmse:0.447617 eval-rmse:0.483006 train-mae:1080.25 eval-mae:1170.46  
[557] train-rmse:0.447475 eval-rmse:0.482951 train-mae:1079.8 eval-mae:1170.23  
[558] train-rmse:0.447381 eval-rmse:0.482911 train-mae:1079.45 eval-mae:1170.04  
[559] train-rmse:0.447223 eval-rmse:0.482868 train-mae:1078.97 eval-mae:1169.85  
[560] train-rmse:0.44709 eval-rmse:0.482829 train-mae:1078.6 eval-mae:1169.69  
[561] train-rmse:0.446997 eval-rmse:0.482788 train-mae:1078.25 eval-mae:1169.5  
[562] train-rmse:0.446885 eval-rmse:0.482756 train-mae:1077.89 eval-mae:1169.34  
[563] train-rmse:0.446829 eval-rmse:0.482723 train-mae:1077.65 eval-mae:1169.19  
[564] train-rmse:0.446685 eval-rmse:0.482688 train-mae:1077.23 eval-mae:1169.02  
[565] train-rmse:0.446603 eval-rmse:0.482653 train-mae:1076.94 eval-mae:1168.86  
[566] train-rmse:0.446511 eval-rmse:0.482624 train-mae:1076.63 eval-mae:1168.72  
[567] train-rmse:0.44641 eval-rmse:0.482581 train-mae:1076.31 eval-mae:1168.56  
[568] train-rmse:0.446298 eval-rmse:0.482543 train-mae:1075.93 eval-mae:1168.39  
[569] train-rmse:0.446199 eval-rmse:0.482503 train-mae:1075.59 eval-mae:1168.21  
[570] train-rmse:0.446098 eval-rmse:0.48247 train-mae:1075.26 eval-mae:1168.05  
[571] train-rmse:0.446002 eval-rmse:0.482431 train-mae:1074.94 eval-mae:1167.88  
[572] train-rmse:0.445928 eval-rmse:0.482399 train-mae:1074.66 eval-mae:1167.71  
[573] train-rmse:0.445831 eval-rmse:0.482367 train-mae:1074.32 eval-mae:1167.55  
[574] train-rmse:0.445749 eval-rmse:0.482339 train-mae:1074.03 eval-mae:1167.42  
[575] train-rmse:0.445668 eval-rmse:0.482302 train-mae:1073.74 eval-mae:1167.25  
[576] train-rmse:0.445573 eval-rmse:0.482272 train-mae:1073.44 eval-mae:1167.11  
[577] train-rmse:0.445487 eval-rmse:0.482242 train-mae:1073.15 eval-mae:1166.97  
[578] train-rmse:0.44542 eval-rmse:0.482207 train-mae:1072.9 eval-mae:1166.81  
[579] train-rmse:0.445328 eval-rmse:0.482169 train-mae:1072.59 eval-mae:1166.65  
[580] train-rmse:0.445233 eval-rmse:0.482135 train-mae:1072.28 eval-mae:1166.5  
[581] train-rmse:0.445147 eval-rmse:0.482099 train-mae:1071.98 eval-mae:1166.34  
[582] train-rmse:0.44506 eval-rmse:0.482062 train-mae:1071.71 eval-mae:1166.19  
[583] train-rmse:0.444997 eval-rmse:0.482036 train-mae:1071.48 eval-mae:1166.07  
[584] train-rmse:0.444944 eval-rmse:0.482017 train-mae:1071.28 eval-mae:1165.96

[585] train-rmse:0.444804 eval-rmse:0.481974 train-mae:1070.83 eval-mae:1165.78  
[586] train-rmse:0.444695 eval-rmse:0.481942 train-mae:1070.51 eval-mae:1165.66  
[587] train-rmse:0.444624 eval-rmse:0.481909 train-mae:1070.26 eval-mae:1165.51  
[588] train-rmse:0.444526 eval-rmse:0.481875 train-mae:1069.97 eval-mae:1165.38  
[589] train-rmse:0.44447 eval-rmse:0.481851 train-mae:1069.76 eval-mae:1165.26  
[590] train-rmse:0.444404 eval-rmse:0.481814 train-mae:1069.51 eval-mae:1165.09  
[591] train-rmse:0.444343 eval-rmse:0.481792 train-mae:1069.27 eval-mae:1164.97  
[592] train-rmse:0.444236 eval-rmse:0.481764 train-mae:1068.95 eval-mae:1164.85  
[593] train-rmse:0.444137 eval-rmse:0.481736 train-mae:1068.63 eval-mae:1164.69  
[594] train-rmse:0.444051 eval-rmse:0.481712 train-mae:1068.38 eval-mae:1164.58  
[595] train-rmse:0.44401 eval-rmse:0.481694 train-mae:1068.22 eval-mae:1164.49  
[596] train-rmse:0.443936 eval-rmse:0.481668 train-mae:1067.94 eval-mae:1164.35  
[597] train-rmse:0.443848 eval-rmse:0.481638 train-mae:1067.66 eval-mae:1164.23  
[598] train-rmse:0.443797 eval-rmse:0.481617 train-mae:1067.47 eval-mae:1164.12  
[599] train-rmse:0.443708 eval-rmse:0.481594 train-mae:1067.2 eval-mae:1164.01  
[600] train-rmse:0.443642 eval-rmse:0.481573 train-mae:1066.95 eval-mae:1163.9  
[601] train-rmse:0.44357 eval-rmse:0.481547 train-mae:1066.71 eval-mae:1163.78  
[602] train-rmse:0.443478 eval-rmse:0.481519 train-mae:1066.4 eval-mae:1163.67  
[603] train-rmse:0.443369 eval-rmse:0.481497 train-mae:1066.1 eval-mae:1163.57  
[604] train-rmse:0.443253 eval-rmse:0.481468 train-mae:1065.77 eval-mae:1163.46  
[605] train-rmse:0.443201 eval-rmse:0.481446 train-mae:1065.59 eval-mae:1163.37  
[606] train-rmse:0.443107 eval-rmse:0.481423 train-mae:1065.31 eval-mae:1163.26  
[607] train-rmse:0.443033 eval-rmse:0.481401 train-mae:1065.05 eval-mae:1163.15  
[608] train-rmse:0.442947 eval-rmse:0.481366 train-mae:1064.77 eval-mae:1163.01  
[609] train-rmse:0.442878 eval-rmse:0.481347 train-mae:1064.54 eval-mae:1162.91  
[610] train-rmse:0.442784 eval-rmse:0.481322 train-mae:1064.27 eval-mae:1162.82  
[611] train-rmse:0.44272 eval-rmse:0.481297 train-mae:1064.04 eval-mae:1162.7  
[612] train-rmse:0.442646 eval-rmse:0.481271 train-mae:1063.8 eval-mae:1162.59  
[613] train-rmse:0.442526 eval-rmse:0.48125 train-mae:1063.45 eval-mae:1162.46  
[614] train-rmse:0.442438 eval-rmse:0.481223 train-mae:1063.18 eval-mae:1162.34  
[615] train-rmse:0.44238 eval-rmse:0.481203 train-mae:1062.99 eval-mae:1162.24  
[616] train-rmse:0.442315 eval-rmse:0.481183 train-mae:1062.76 eval-mae:1162.13  
[617] train-rmse:0.442266 eval-rmse:0.481168 train-mae:1062.58 eval-mae:1162.05  
[618] train-rmse:0.442185 eval-rmse:0.481149 train-mae:1062.33 eval-mae:1161.95  
[619] train-rmse:0.442119 eval-rmse:0.481131 train-mae:1062.1 eval-mae:1161.86  
[620] train-rmse:0.442075 eval-rmse:0.481111 train-mae:1061.94 eval-mae:1161.77  
[621] train-rmse:0.442012 eval-rmse:0.481094 train-mae:1061.73 eval-mae:1161.68  
[622] train-rmse:0.441927 eval-rmse:0.481065 train-mae:1061.46 eval-mae:1161.55  
[623] train-rmse:0.441851 eval-rmse:0.48105 train-mae:1061.22 eval-mae:1161.47  
[624] train-rmse:0.441779 eval-rmse:0.481031 train-mae:1060.99 eval-mae:1161.39  
[625] train-rmse:0.441718 eval-rmse:0.48101 train-mae:1060.78 eval-mae:1161.28  
[626] train-rmse:0.441676 eval-rmse:0.480994 train-mae:1060.63 eval-mae:1161.2  
[627] train-rmse:0.441553 eval-rmse:0.480964 train-mae:1060.25 eval-mae:1161.07  
[628] train-rmse:0.441489 eval-rmse:0.480947 train-mae:1060.04 eval-mae:1160.99  
[629] train-rmse:0.441429 eval-rmse:0.480928 train-mae:1059.84 eval-mae:1160.89  
[630] train-rmse:0.441379 eval-rmse:0.480912 train-mae:1059.66 eval-mae:1160.81  
[631] train-rmse:0.441324 eval-rmse:0.480894 train-mae:1059.49 eval-mae:1160.73  
[632] train-rmse:0.441245 eval-rmse:0.480884 train-mae:1059.25 eval-mae:1160.65  
[633] train-rmse:0.441208 eval-rmse:0.480867 train-mae:1059.1 eval-mae:1160.58  
[634] train-rmse:0.441117 eval-rmse:0.480838 train-mae:1058.84 eval-mae:1160.47  
[635] train-rmse:0.44106 eval-rmse:0.480825 train-mae:1058.65 eval-mae:1160.41  
[636] train-rmse:0.44099 eval-rmse:0.480806 train-mae:1058.44 eval-mae:1160.33  
[637] train-rmse:0.440897 eval-rmse:0.480791 train-mae:1058.19 eval-mae:1160.25  
[638] train-rmse:0.440839 eval-rmse:0.480772 train-mae:1058.01 eval-mae:1160.17  
[639] train-rmse:0.440764 eval-rmse:0.480749 train-mae:1057.79 eval-mae:1160.06  
[640] train-rmse:0.440713 eval-rmse:0.480732 train-mae:1057.61 eval-mae:1159.97  
[641] train-rmse:0.440639 eval-rmse:0.480709 train-mae:1057.38 eval-mae:1159.88  
[642] train-rmse:0.440569 eval-rmse:0.480686 train-mae:1057.15 eval-mae:1159.76  
[643] train-rmse:0.440507 eval-rmse:0.480668 train-mae:1056.94 eval-mae:1159.68  
[644] train-rmse:0.440448 eval-rmse:0.480649 train-mae:1056.75 eval-mae:1159.59  
[645] train-rmse:0.440343 eval-rmse:0.480613 train-mae:1056.44 eval-mae:1159.47  
[646] train-rmse:0.440274 eval-rmse:0.480603 train-mae:1056.2 eval-mae:1159.39  
[647] train-rmse:0.440234 eval-rmse:0.480586 train-mae:1056.05 eval-mae:1159.32  
[648] train-rmse:0.44017 eval-rmse:0.480566 train-mae:1055.83 eval-mae:1159.22  
[649] train-rmse:0.440068 eval-rmse:0.480549 train-mae:1055.56 eval-mae:1159.13  
[650] train-rmse:0.439981 eval-rmse:0.480535 train-mae:1055.31 eval-mae:1159.06  
[651] train-rmse:0.439906 eval-rmse:0.480514 train-mae:1055.05 eval-mae:1158.95  
[652] train-rmse:0.439853 eval-rmse:0.480502 train-mae:1054.88 eval-mae:1158.89  
[653] train-rmse:0.439788 eval-rmse:0.480489 train-mae:1054.66 eval-mae:1158.83  
[654] train-rmse:0.439701 eval-rmse:0.480462 train-mae:1054.41 eval-mae:1158.71  
[655] train-rmse:0.439648 eval-rmse:0.480448 train-mae:1054.24 eval-mae:1158.65  
[656] train-rmse:0.439563 eval-rmse:0.480424 train-mae:1053.98 eval-mae:1158.55

[657] train-rmse:0.439514 eval-rmse:0.48041 train-mae:1053.82 eval-mae:1158.49  
[658] train-rmse:0.439461 eval-rmse:0.480393 train-mae:1053.67 eval-mae:1158.42  
[659] train-rmse:0.439424 eval-rmse:0.480382 train-mae:1053.52 eval-mae:1158.36  
[660] train-rmse:0.439354 eval-rmse:0.480372 train-mae:1053.28 eval-mae:1158.28  
[661] train-rmse:0.439293 eval-rmse:0.480351 train-mae:1053.08 eval-mae:1158.18  
[662] train-rmse:0.43924 eval-rmse:0.48034 train-mae:1052.92 eval-mae:1158.12  
[663] train-rmse:0.439176 eval-rmse:0.480321 train-mae:1052.73 eval-mae:1158.06  
[664] train-rmse:0.439108 eval-rmse:0.480302 train-mae:1052.51 eval-mae:1157.97  
[665] train-rmse:0.439061 eval-rmse:0.480287 train-mae:1052.34 eval-mae:1157.9  
[666] train-rmse:0.438974 eval-rmse:0.480271 train-mae:1052.07 eval-mae:1157.83  
[667] train-rmse:0.438883 eval-rmse:0.480242 train-mae:1051.83 eval-mae:1157.72  
[668] train-rmse:0.438803 eval-rmse:0.480228 train-mae:1051.61 eval-mae:1157.67  
[669] train-rmse:0.438758 eval-rmse:0.480212 train-mae:1051.44 eval-mae:1157.58  
[670] train-rmse:0.438712 eval-rmse:0.480199 train-mae:1051.28 eval-mae:1157.51  
[671] train-rmse:0.438663 eval-rmse:0.480186 train-mae:1051.12 eval-mae:1157.46  
[672] train-rmse:0.438604 eval-rmse:0.480174 train-mae:1050.92 eval-mae:1157.41  
[673] train-rmse:0.438552 eval-rmse:0.480159 train-mae:1050.76 eval-mae:1157.34  
[674] train-rmse:0.438496 eval-rmse:0.480139 train-mae:1050.58 eval-mae:1157.26  
[675] train-rmse:0.438476 eval-rmse:0.480129 train-mae:1050.49 eval-mae:1157.21  
[676] train-rmse:0.438401 eval-rmse:0.480108 train-mae:1050.26 eval-mae:1157.12  
[677] train-rmse:0.43834 eval-rmse:0.480104 train-mae:1050.07 eval-mae:1157.07  
[678] train-rmse:0.438311 eval-rmse:0.480096 train-mae:1049.96 eval-mae:1157.03  
[679] train-rmse:0.438221 eval-rmse:0.48008 train-mae:1049.73 eval-mae:1156.96  
[680] train-rmse:0.438168 eval-rmse:0.480057 train-mae:1049.55 eval-mae:1156.88  
[681] train-rmse:0.438043 eval-rmse:0.48003 train-mae:1049.19 eval-mae:1156.77  
[682] train-rmse:0.437957 eval-rmse:0.480008 train-mae:1048.93 eval-mae:1156.67  
[683] train-rmse:0.437916 eval-rmse:0.479996 train-mae:1048.79 eval-mae:1156.6  
[684] train-rmse:0.437841 eval-rmse:0.479988 train-mae:1048.59 eval-mae:1156.56  
[685] train-rmse:0.437729 eval-rmse:0.479964 train-mae:1048.27 eval-mae:1156.45  
[686] train-rmse:0.437667 eval-rmse:0.47995 train-mae:1048.06 eval-mae:1156.37  
[687] train-rmse:0.437598 eval-rmse:0.479935 train-mae:1047.88 eval-mae:1156.31  
[688] train-rmse:0.43757 eval-rmse:0.479926 train-mae:1047.77 eval-mae:1156.26  
[689] train-rmse:0.437485 eval-rmse:0.47991 train-mae:1047.51 eval-mae:1156.19  
[690] train-rmse:0.437382 eval-rmse:0.479882 train-mae:1047.2 eval-mae:1156.07  
[691] train-rmse:0.437322 eval-rmse:0.479863 train-mae:1047 eval-mae:1155.99  
[692] train-rmse:0.437244 eval-rmse:0.479847 train-mae:1046.78 eval-mae:1155.93  
[693] train-rmse:0.437187 eval-rmse:0.479832 train-mae:1046.6 eval-mae:1155.87  
[694] train-rmse:0.43712 eval-rmse:0.479811 train-mae:1046.4 eval-mae:1155.79  
[695] train-rmse:0.437003 eval-rmse:0.479796 train-mae:1046.09 eval-mae:1155.7  
[696] train-rmse:0.436974 eval-rmse:0.47979 train-mae:1045.97 eval-mae:1155.66  
[697] train-rmse:0.436884 eval-rmse:0.479761 train-mae:1045.7 eval-mae:1155.55  
[698] train-rmse:0.436851 eval-rmse:0.479753 train-mae:1045.59 eval-mae:1155.5  
[699] train-rmse:0.436805 eval-rmse:0.479746 train-mae:1045.43 eval-mae:1155.45  
[700] train-rmse:0.436732 eval-rmse:0.479724 train-mae:1045.22 eval-mae:1155.36  
[701] train-rmse:0.436687 eval-rmse:0.479715 train-mae:1045.08 eval-mae:1155.31  
[702] train-rmse:0.436631 eval-rmse:0.479705 train-mae:1044.91 eval-mae:1155.26  
[703] train-rmse:0.4366 eval-rmse:0.479698 train-mae:1044.8 eval-mae:1155.22  
[704] train-rmse:0.436564 eval-rmse:0.479688 train-mae:1044.64 eval-mae:1155.15  
[705] train-rmse:0.436536 eval-rmse:0.479681 train-mae:1044.54 eval-mae:1155.11  
[706] train-rmse:0.436487 eval-rmse:0.479672 train-mae:1044.38 eval-mae:1155.06  
[707] train-rmse:0.436361 eval-rmse:0.479659 train-mae:1044.02 eval-mae:1154.99  
[708] train-rmse:0.436275 eval-rmse:0.479643 train-mae:1043.76 eval-mae:1154.92  
[709] train-rmse:0.436237 eval-rmse:0.479631 train-mae:1043.62 eval-mae:1154.86  
[710] train-rmse:0.436187 eval-rmse:0.47962 train-mae:1043.46 eval-mae:1154.81  
[711] train-rmse:0.436137 eval-rmse:0.47961 train-mae:1043.32 eval-mae:1154.78  
[712] train-rmse:0.436041 eval-rmse:0.479596 train-mae:1043.05 eval-mae:1154.72  
[713] train-rmse:0.435973 eval-rmse:0.479576 train-mae:1042.86 eval-mae:1154.64  
[714] train-rmse:0.435927 eval-rmse:0.479567 train-mae:1042.71 eval-mae:1154.6  
[715] train-rmse:0.435886 eval-rmse:0.479554 train-mae:1042.58 eval-mae:1154.54  
[716] train-rmse:0.435844 eval-rmse:0.479544 train-mae:1042.45 eval-mae:1154.5  
[717] train-rmse:0.435806 eval-rmse:0.479536 train-mae:1042.31 eval-mae:1154.45  
[718] train-rmse:0.43576 eval-rmse:0.479522 train-mae:1042.15 eval-mae:1154.38  
[719] train-rmse:0.435714 eval-rmse:0.479515 train-mae:1042.01 eval-mae:1154.34  
[720] train-rmse:0.435687 eval-rmse:0.479505 train-mae:1041.89 eval-mae:1154.28  
[721] train-rmse:0.43564 eval-rmse:0.479488 train-mae:1041.77 eval-mae:1154.23  
[722] train-rmse:0.435594 eval-rmse:0.479477 train-mae:1041.62 eval-mae:1154.17  
[723] train-rmse:0.435497 eval-rmse:0.47947 train-mae:1041.38 eval-mae:1154.14  
[724] train-rmse:0.435448 eval-rmse:0.479461 train-mae:1041.24 eval-mae:1154.11  
[725] train-rmse:0.435408 eval-rmse:0.479452 train-mae:1041.11 eval-mae:1154.06  
[726] train-rmse:0.435361 eval-rmse:0.479444 train-mae:1040.95 eval-mae:1154.02  
[727] train-rmse:0.435307 eval-rmse:0.47944 train-mae:1040.79 eval-mae:1153.99  
[728] train-rmse:0.43527 eval-rmse:0.479428 train-mae:1040.67 eval-mae:1153.94

[729] train-rmse:0.435242 eval-rmse:0.47942 train-mae:1040.56 eval-mae:1153.89  
[730] train-rmse:0.435197 eval-rmse:0.479415 train-mae:1040.43 eval-mae:1153.87  
[731] train-rmse:0.435165 eval-rmse:0.479406 train-mae:1040.32 eval-mae:1153.83  
[732] train-rmse:0.435126 eval-rmse:0.479395 train-mae:1040.2 eval-mae:1153.79  
[733] train-rmse:0.435098 eval-rmse:0.479389 train-mae:1040.11 eval-mae:1153.77  
[734] train-rmse:0.435024 eval-rmse:0.479373 train-mae:1039.91 eval-mae:1153.7  
[735] train-rmse:0.434962 eval-rmse:0.47936 train-mae:1039.73 eval-mae:1153.66  
[736] train-rmse:0.434867 eval-rmse:0.47935 train-mae:1039.49 eval-mae:1153.61  
[737] train-rmse:0.434819 eval-rmse:0.47934 train-mae:1039.35 eval-mae:1153.57  
[738] train-rmse:0.43479 eval-rmse:0.479329 train-mae:1039.25 eval-mae:1153.52  
[739] train-rmse:0.434737 eval-rmse:0.479316 train-mae:1039.08 eval-mae:1153.47  
[740] train-rmse:0.434686 eval-rmse:0.479302 train-mae:1038.92 eval-mae:1153.41  
[741] train-rmse:0.434619 eval-rmse:0.479288 train-mae:1038.74 eval-mae:1153.36  
[742] train-rmse:0.434547 eval-rmse:0.479279 train-mae:1038.54 eval-mae:1153.31  
[743] train-rmse:0.434498 eval-rmse:0.479268 train-mae:1038.4 eval-mae:1153.26  
[744] train-rmse:0.434452 eval-rmse:0.479257 train-mae:1038.27 eval-mae:1153.21  
[745] train-rmse:0.434398 eval-rmse:0.479249 train-mae:1038.13 eval-mae:1153.17  
[746] train-rmse:0.434358 eval-rmse:0.479242 train-mae:1038 eval-mae:1153.14  
[747] train-rmse:0.434321 eval-rmse:0.479235 train-mae:1037.89 eval-mae:1153.1  
[748] train-rmse:0.434232 eval-rmse:0.479211 train-mae:1037.65 eval-mae:1153.03  
[749] train-rmse:0.43418 eval-rmse:0.479203 train-mae:1037.49 eval-mae:1152.98  
[750] train-rmse:0.434147 eval-rmse:0.479194 train-mae:1037.39 eval-mae:1152.95  
[751] train-rmse:0.434123 eval-rmse:0.479188 train-mae:1037.31 eval-mae:1152.92  
[752] train-rmse:0.434081 eval-rmse:0.479181 train-mae:1037.18 eval-mae:1152.88  
[753] train-rmse:0.434049 eval-rmse:0.479174 train-mae:1037.08 eval-mae:1152.84  
[754] train-rmse:0.433951 eval-rmse:0.479153 train-mae:1036.82 eval-mae:1152.76  
[755] train-rmse:0.433855 eval-rmse:0.479137 train-mae:1036.54 eval-mae:1152.68  
[756] train-rmse:0.433811 eval-rmse:0.479127 train-mae:1036.4 eval-mae:1152.63  
[757] train-rmse:0.433781 eval-rmse:0.479123 train-mae:1036.3 eval-mae:1152.61  
[758] train-rmse:0.433718 eval-rmse:0.47911 train-mae:1036.13 eval-mae:1152.56  
[759] train-rmse:0.433662 eval-rmse:0.479101 train-mae:1035.98 eval-mae:1152.52  
[760] train-rmse:0.433581 eval-rmse:0.479088 train-mae:1035.76 eval-mae:1152.46  
[761] train-rmse:0.433518 eval-rmse:0.479074 train-mae:1035.59 eval-mae:1152.4  
[762] train-rmse:0.433474 eval-rmse:0.479064 train-mae:1035.46 eval-mae:1152.37  
[763] train-rmse:0.433419 eval-rmse:0.479057 train-mae:1035.31 eval-mae:1152.34  
[764] train-rmse:0.43337 eval-rmse:0.479045 train-mae:1035.18 eval-mae:1152.29  
[765] train-rmse:0.433293 eval-rmse:0.479033 train-mae:1034.97 eval-mae:1152.26  
[766] train-rmse:0.433202 eval-rmse:0.479025 train-mae:1034.71 eval-mae:1152.21  
[767] train-rmse:0.433139 eval-rmse:0.479013 train-mae:1034.54 eval-mae:1152.16  
[768] train-rmse:0.433109 eval-rmse:0.479006 train-mae:1034.43 eval-mae:1152.12  
[769] train-rmse:0.433054 eval-rmse:0.478995 train-mae:1034.26 eval-mae:1152.07  
[770] train-rmse:0.433017 eval-rmse:0.478989 train-mae:1034.15 eval-mae:1152.05  
[771] train-rmse:0.432981 eval-rmse:0.47898 train-mae:1034.03 eval-mae:1152  
[772] train-rmse:0.432928 eval-rmse:0.478976 train-mae:1033.9 eval-mae:1151.98  
[773] train-rmse:0.432873 eval-rmse:0.478964 train-mae:1033.75 eval-mae:1151.93  
[774] train-rmse:0.432791 eval-rmse:0.478953 train-mae:1033.54 eval-mae:1151.88  
[775] train-rmse:0.432723 eval-rmse:0.478941 train-mae:1033.37 eval-mae:1151.84  
[776] train-rmse:0.432688 eval-rmse:0.478933 train-mae:1033.25 eval-mae:1151.8  
[777] train-rmse:0.432652 eval-rmse:0.478929 train-mae:1033.15 eval-mae:1151.78  
[778] train-rmse:0.432605 eval-rmse:0.47892 train-mae:1033.02 eval-mae:1151.77  
[779] train-rmse:0.432575 eval-rmse:0.478915 train-mae:1032.92 eval-mae:1151.74  
[780] train-rmse:0.432541 eval-rmse:0.478908 train-mae:1032.81 eval-mae:1151.71  
[781] train-rmse:0.432504 eval-rmse:0.478903 train-mae:1032.7 eval-mae:1151.68  
[782] train-rmse:0.432464 eval-rmse:0.478898 train-mae:1032.59 eval-mae:1151.66  
[783] train-rmse:0.432412 eval-rmse:0.478892 train-mae:1032.44 eval-mae:1151.62  
[784] train-rmse:0.432384 eval-rmse:0.478887 train-mae:1032.34 eval-mae:1151.59  
[785] train-rmse:0.432349 eval-rmse:0.478873 train-mae:1032.22 eval-mae:1151.54  
[786] train-rmse:0.432292 eval-rmse:0.478867 train-mae:1032.09 eval-mae:1151.51  
[787] train-rmse:0.432239 eval-rmse:0.478859 train-mae:1031.94 eval-mae:1151.47  
[788] train-rmse:0.432209 eval-rmse:0.478853 train-mae:1031.85 eval-mae:1151.46  
[789] train-rmse:0.432142 eval-rmse:0.478844 train-mae:1031.69 eval-mae:1151.42  
[790] train-rmse:0.432088 eval-rmse:0.47883 train-mae:1031.54 eval-mae:1151.38  
[791] train-rmse:0.432055 eval-rmse:0.478821 train-mae:1031.44 eval-mae:1151.34  
[792] train-rmse:0.432009 eval-rmse:0.478808 train-mae:1031.3 eval-mae:1151.29  
[793] train-rmse:0.431944 eval-rmse:0.478798 train-mae:1031.13 eval-mae:1151.26  
[794] train-rmse:0.431885 eval-rmse:0.478793 train-mae:1030.98 eval-mae:1151.23  
[795] train-rmse:0.431842 eval-rmse:0.478788 train-mae:1030.86 eval-mae:1151.21  
[796] train-rmse:0.431783 eval-rmse:0.478781 train-mae:1030.71 eval-mae:1151.2  
[797] train-rmse:0.43173 eval-rmse:0.478774 train-mae:1030.56 eval-mae:1151.17  
[798] train-rmse:0.431668 eval-rmse:0.47876 train-mae:1030.39 eval-mae:1151.12  
[799] train-rmse:0.431637 eval-rmse:0.478754 train-mae:1030.3 eval-mae:1151.1  
[800] train-rmse:0.431601 eval-rmse:0.47875 train-mae:1030.2 eval-mae:1151.07

[801] train-rmse:0.431566 eval-rmse:0.478747 train-mae:1030.08 eval-mae:1151.05  
[802] train-rmse:0.431485 eval-rmse:0.478734 train-mae:1029.85 eval-mae:1151  
[803] train-rmse:0.43141 eval-rmse:0.478718 train-mae:1029.65 eval-mae:1150.94  
[804] train-rmse:0.431364 eval-rmse:0.478711 train-mae:1029.52 eval-mae:1150.92  
[805] train-rmse:0.431328 eval-rmse:0.47871 train-mae:1029.42 eval-mae:1150.91  
[806] train-rmse:0.431288 eval-rmse:0.4787 train-mae:1029.31 eval-mae:1150.87  
[807] train-rmse:0.431222 eval-rmse:0.478696 train-mae:1029.15 eval-mae:1150.84  
[808] train-rmse:0.431174 eval-rmse:0.47869 train-mae:1029.01 eval-mae:1150.8  
[809] train-rmse:0.431136 eval-rmse:0.478687 train-mae:1028.9 eval-mae:1150.78  
[810] train-rmse:0.431095 eval-rmse:0.47868 train-mae:1028.78 eval-mae:1150.75  
[811] train-rmse:0.431066 eval-rmse:0.478673 train-mae:1028.7 eval-mae:1150.73  
[812] train-rmse:0.430988 eval-rmse:0.478665 train-mae:1028.51 eval-mae:1150.69  
[813] train-rmse:0.430948 eval-rmse:0.478657 train-mae:1028.39 eval-mae:1150.67  
[814] train-rmse:0.430895 eval-rmse:0.478644 train-mae:1028.25 eval-mae:1150.62  
[815] train-rmse:0.430867 eval-rmse:0.478637 train-mae:1028.16 eval-mae:1150.59  
[816] train-rmse:0.43083 eval-rmse:0.478634 train-mae:1028.05 eval-mae:1150.58  
[817] train-rmse:0.430806 eval-rmse:0.47863 train-mae:1027.98 eval-mae:1150.56  
[818] train-rmse:0.430747 eval-rmse:0.478623 train-mae:1027.83 eval-mae:1150.53  
[819] train-rmse:0.430725 eval-rmse:0.478619 train-mae:1027.75 eval-mae:1150.52  
[820] train-rmse:0.430692 eval-rmse:0.478612 train-mae:1027.66 eval-mae:1150.48  
[821] train-rmse:0.430671 eval-rmse:0.478606 train-mae:1027.58 eval-mae:1150.45  
[822] train-rmse:0.430615 eval-rmse:0.478599 train-mae:1027.42 eval-mae:1150.41  
[823] train-rmse:0.430577 eval-rmse:0.478596 train-mae:1027.31 eval-mae:1150.4  
[824] train-rmse:0.430503 eval-rmse:0.478586 train-mae:1027.13 eval-mae:1150.36  
[825] train-rmse:0.430477 eval-rmse:0.478581 train-mae:1027.05 eval-mae:1150.33  
[826] train-rmse:0.430418 eval-rmse:0.478576 train-mae:1026.87 eval-mae:1150.29  
[827] train-rmse:0.430336 eval-rmse:0.478568 train-mae:1026.66 eval-mae:1150.25  
[828] train-rmse:0.430282 eval-rmse:0.478559 train-mae:1026.52 eval-mae:1150.23  
[829] train-rmse:0.430236 eval-rmse:0.478555 train-mae:1026.38 eval-mae:1150.2  
[830] train-rmse:0.43019 eval-rmse:0.478543 train-mae:1026.23 eval-mae:1150.15  
[831] train-rmse:0.430135 eval-rmse:0.478533 train-mae:1026.08 eval-mae:1150.12  
[832] train-rmse:0.430045 eval-rmse:0.478526 train-mae:1025.87 eval-mae:1150.11  
[833] train-rmse:0.430034 eval-rmse:0.478524 train-mae:1025.83 eval-mae:1150.1  
[834] train-rmse:0.429971 eval-rmse:0.478521 train-mae:1025.64 eval-mae:1150.07  
[835] train-rmse:0.429952 eval-rmse:0.478519 train-mae:1025.6 eval-mae:1150.06  
[836] train-rmse:0.429929 eval-rmse:0.478515 train-mae:1025.54 eval-mae:1150.05  
[837] train-rmse:0.429892 eval-rmse:0.478509 train-mae:1025.44 eval-mae:1150.02  
[838] train-rmse:0.429865 eval-rmse:0.478504 train-mae:1025.36 eval-mae:1150  
[839] train-rmse:0.429829 eval-rmse:0.478498 train-mae:1025.24 eval-mae:1149.97  
[840] train-rmse:0.429799 eval-rmse:0.478488 train-mae:1025.15 eval-mae:1149.94  
[841] train-rmse:0.429767 eval-rmse:0.478485 train-mae:1025.05 eval-mae:1149.92  
[842] train-rmse:0.42972 eval-rmse:0.478478 train-mae:1024.92 eval-mae:1149.89  
[843] train-rmse:0.429673 eval-rmse:0.478471 train-mae:1024.8 eval-mae:1149.86  
[844] train-rmse:0.429638 eval-rmse:0.478469 train-mae:1024.69 eval-mae:1149.85  
[845] train-rmse:0.429593 eval-rmse:0.478468 train-mae:1024.57 eval-mae:1149.84  
[846] train-rmse:0.429539 eval-rmse:0.478462 train-mae:1024.42 eval-mae:1149.81  
[847] train-rmse:0.429506 eval-rmse:0.478458 train-mae:1024.34 eval-mae:1149.8  
[848] train-rmse:0.429469 eval-rmse:0.478457 train-mae:1024.23 eval-mae:1149.78  
[849] train-rmse:0.429425 eval-rmse:0.478448 train-mae:1024.11 eval-mae:1149.74  
[850] train-rmse:0.42937 eval-rmse:0.478438 train-mae:1023.97 eval-mae:1149.71  
[851] train-rmse:0.429333 eval-rmse:0.478429 train-mae:1023.86 eval-mae:1149.67  
[852] train-rmse:0.42929 eval-rmse:0.478424 train-mae:1023.75 eval-mae:1149.65  
[853] train-rmse:0.429245 eval-rmse:0.478412 train-mae:1023.63 eval-mae:1149.62  
[854] train-rmse:0.429214 eval-rmse:0.478408 train-mae:1023.53 eval-mae:1149.61  
[855] train-rmse:0.429179 eval-rmse:0.478403 train-mae:1023.43 eval-mae:1149.6  
[856] train-rmse:0.42914 eval-rmse:0.478398 train-mae:1023.32 eval-mae:1149.57  
[857] train-rmse:0.429111 eval-rmse:0.478391 train-mae:1023.25 eval-mae:1149.56  
[858] train-rmse:0.429065 eval-rmse:0.478386 train-mae:1023.14 eval-mae:1149.54  
[859] train-rmse:0.429015 eval-rmse:0.47838 train-mae:1023.02 eval-mae:1149.53  
[860] train-rmse:0.428966 eval-rmse:0.478373 train-mae:1022.89 eval-mae:1149.51  
[861] train-rmse:0.428925 eval-rmse:0.478371 train-mae:1022.77 eval-mae:1149.51  
[862] train-rmse:0.428909 eval-rmse:0.478369 train-mae:1022.72 eval-mae:1149.5  
[863] train-rmse:0.428882 eval-rmse:0.478366 train-mae:1022.65 eval-mae:1149.48  
[864] train-rmse:0.428845 eval-rmse:0.47836 train-mae:1022.53 eval-mae:1149.47  
[865] train-rmse:0.428809 eval-rmse:0.478353 train-mae:1022.43 eval-mae:1149.43  
[866] train-rmse:0.428771 eval-rmse:0.47835 train-mae:1022.33 eval-mae:1149.42  
[867] train-rmse:0.42872 eval-rmse:0.478343 train-mae:1022.2 eval-mae:1149.39  
[868] train-rmse:0.42869 eval-rmse:0.478341 train-mae:1022.12 eval-mae:1149.37  
[869] train-rmse:0.428652 eval-rmse:0.478334 train-mae:1022 eval-mae:1149.33  
[870] train-rmse:0.428552 eval-rmse:0.478317 train-mae:1021.74 eval-mae:1149.28  
[871] train-rmse:0.42848 eval-rmse:0.478308 train-mae:1021.57 eval-mae:1149.25  
[872] train-rmse:0.42842 eval-rmse:0.478294 train-mae:1021.41 eval-mae:1149.2



[873] train-rmse:0.428391 eval-rmse:0.478286 train-mae:1021.32 eval-mae:1149.17  
[874] train-rmse:0.428365 eval-rmse:0.478282 train-mae:1021.24 eval-mae:1149.16  
[875] train-rmse:0.428337 eval-rmse:0.478278 train-mae:1021.15 eval-mae:1149.14  
[876] train-rmse:0.428302 eval-rmse:0.478274 train-mae:1021.07 eval-mae:1149.13  
[877] train-rmse:0.42827 eval-rmse:0.47827 train-mae:1020.98 eval-mae:1149.11  
[878] train-rmse:0.42824 eval-rmse:0.478266 train-mae:1020.9 eval-mae:1149.1  
[879] train-rmse:0.428199 eval-rmse:0.478258 train-mae:1020.79 eval-mae:1149.08  
[880] train-rmse:0.428159 eval-rmse:0.478256 train-mae:1020.69 eval-mae:1149.07  
[881] train-rmse:0.428134 eval-rmse:0.478251 train-mae:1020.62 eval-mae:1149.05  
[882] train-rmse:0.428041 eval-rmse:0.478237 train-mae:1020.38 eval-mae:1149.01  
[883] train-rmse:0.428016 eval-rmse:0.478235 train-mae:1020.3 eval-mae:1148.99  
[884] train-rmse:0.427961 eval-rmse:0.478231 train-mae:1020.15 eval-mae:1148.98  
[885] train-rmse:0.427919 eval-rmse:0.478229 train-mae:1020.03 eval-mae:1148.95  
[886] train-rmse:0.427889 eval-rmse:0.478225 train-mae:1019.96 eval-mae:1148.94  
[887] train-rmse:0.427831 eval-rmse:0.478212 train-mae:1019.8 eval-mae:1148.88  
[888] train-rmse:0.427794 eval-rmse:0.478202 train-mae:1019.7 eval-mae:1148.85  
[889] train-rmse:0.427759 eval-rmse:0.478199 train-mae:1019.61 eval-mae:1148.83  
[890] train-rmse:0.427715 eval-rmse:0.478193 train-mae:1019.48 eval-mae:1148.81  
[891] train-rmse:0.427686 eval-rmse:0.478187 train-mae:1019.4 eval-mae:1148.78  
[892] train-rmse:0.427653 eval-rmse:0.478182 train-mae:1019.3 eval-mae:1148.76  
[893] train-rmse:0.427628 eval-rmse:0.478183 train-mae:1019.25 eval-mae:1148.76  
[894] train-rmse:0.427591 eval-rmse:0.478178 train-mae:1019.16 eval-mae:1148.75  
[895] train-rmse:0.427562 eval-rmse:0.478175 train-mae:1019.08 eval-mae:1148.73  
[896] train-rmse:0.427533 eval-rmse:0.478172 train-mae:1019 eval-mae:1148.71  
[897] train-rmse:0.427481 eval-rmse:0.478169 train-mae:1018.86 eval-mae:1148.7  
[898] train-rmse:0.427455 eval-rmse:0.478164 train-mae:1018.77 eval-mae:1148.68  
[899] train-rmse:0.427401 eval-rmse:0.478154 train-mae:1018.62 eval-mae:1148.64  
[900] train-rmse:0.427382 eval-rmse:0.478149 train-mae:1018.56 eval-mae:1148.62  
[901] train-rmse:0.427332 eval-rmse:0.478146 train-mae:1018.43 eval-mae:1148.59  
[902] train-rmse:0.427302 eval-rmse:0.478142 train-mae:1018.33 eval-mae:1148.58  
[903] train-rmse:0.427241 eval-rmse:0.478132 train-mae:1018.16 eval-mae:1148.53  
[904] train-rmse:0.427204 eval-rmse:0.478128 train-mae:1018.07 eval-mae:1148.51  
[905] train-rmse:0.427156 eval-rmse:0.478117 train-mae:1017.94 eval-mae:1148.47  
[906] train-rmse:0.427105 eval-rmse:0.478108 train-mae:1017.82 eval-mae:1148.45  
[907] train-rmse:0.427063 eval-rmse:0.4781 train-mae:1017.71 eval-mae:1148.43  
[908] train-rmse:0.427019 eval-rmse:0.478089 train-mae:1017.58 eval-mae:1148.39  
[909] train-rmse:0.427007 eval-rmse:0.478085 train-mae:1017.53 eval-mae:1148.37  
[910] train-rmse:0.426974 eval-rmse:0.478077 train-mae:1017.44 eval-mae:1148.34  
[911] train-rmse:0.426945 eval-rmse:0.478073 train-mae:1017.35 eval-mae:1148.32  
[912] train-rmse:0.426909 eval-rmse:0.478066 train-mae:1017.25 eval-mae:1148.31  
[913] train-rmse:0.426859 eval-rmse:0.478057 train-mae:1017.11 eval-mae:1148.28  
[914] train-rmse:0.426847 eval-rmse:0.478057 train-mae:1017.07 eval-mae:1148.28  
[915] train-rmse:0.426819 eval-rmse:0.478056 train-mae:1016.99 eval-mae:1148.27  
[916] train-rmse:0.426766 eval-rmse:0.478051 train-mae:1016.84 eval-mae:1148.24  
[917] train-rmse:0.426721 eval-rmse:0.478049 train-mae:1016.72 eval-mae:1148.21  
[918] train-rmse:0.426673 eval-rmse:0.478046 train-mae:1016.59 eval-mae:1148.19  
[919] train-rmse:0.426651 eval-rmse:0.478042 train-mae:1016.52 eval-mae:1148.18  
[920] train-rmse:0.426605 eval-rmse:0.478038 train-mae:1016.41 eval-mae:1148.17  
[921] train-rmse:0.426534 eval-rmse:0.478034 train-mae:1016.22 eval-mae:1148.15  
[922] train-rmse:0.426479 eval-rmse:0.478025 train-mae:1016.07 eval-mae:1148.1  
[923] train-rmse:0.426443 eval-rmse:0.47802 train-mae:1015.97 eval-mae:1148.08  
[924] train-rmse:0.426406 eval-rmse:0.478015 train-mae:1015.86 eval-mae:1148.07  
[925] train-rmse:0.426391 eval-rmse:0.478012 train-mae:1015.81 eval-mae:1148.06  
[926] train-rmse:0.426345 eval-rmse:0.478009 train-mae:1015.69 eval-mae:1148.04  
[927] train-rmse:0.426317 eval-rmse:0.478002 train-mae:1015.59 eval-mae:1148.01  
[928] train-rmse:0.426288 eval-rmse:0.477997 train-mae:1015.5 eval-mae:1147.99  
[929] train-rmse:0.426258 eval-rmse:0.477997 train-mae:1015.42 eval-mae:1147.98  
[930] train-rmse:0.426229 eval-rmse:0.477995 train-mae:1015.34 eval-mae:1147.97  
[931] train-rmse:0.426187 eval-rmse:0.477991 train-mae:1015.23 eval-mae:1147.95  
[932] train-rmse:0.426145 eval-rmse:0.477987 train-mae:1015.11 eval-mae:1147.93  
[933] train-rmse:0.426094 eval-rmse:0.477979 train-mae:1014.96 eval-mae:1147.91  
[934] train-rmse:0.426068 eval-rmse:0.477977 train-mae:1014.89 eval-mae:1147.89  
[935] train-rmse:0.426046 eval-rmse:0.477976 train-mae:1014.83 eval-mae:1147.89  
[936] train-rmse:0.426024 eval-rmse:0.477973 train-mae:1014.77 eval-mae:1147.88  
[937] train-rmse:0.425996 eval-rmse:0.477974 train-mae:1014.7 eval-mae:1147.88  
[938] train-rmse:0.425955 eval-rmse:0.477967 train-mae:1014.58 eval-mae:1147.85  
[939] train-rmse:0.425937 eval-rmse:0.477962 train-mae:1014.53 eval-mae:1147.83  
[940] train-rmse:0.425855 eval-rmse:0.477948 train-mae:1014.31 eval-mae:1147.77  
[941] train-rmse:0.425831 eval-rmse:0.477946 train-mae:1014.26 eval-mae:1147.76  
[942] train-rmse:0.425817 eval-rmse:0.477945 train-mae:1014.21 eval-mae:1147.75  
[943] train-rmse:0.425798 eval-rmse:0.477943 train-mae:1014.17 eval-mae:1147.74  
[944] train-rmse:0.425772 eval-rmse:0.47794 train-mae:1014.09 eval-mae:1147.72

[945] train-rmse:0.425734 eval-rmse:0.477934 train-mae:1013.99 eval-mae:1147.7  
[946] train-rmse:0.425689 eval-rmse:0.477928 train-mae:1013.87 eval-mae:1147.68  
[947] train-rmse:0.425655 eval-rmse:0.477924 train-mae:1013.78 eval-mae:1147.67  
[948] train-rmse:0.425628 eval-rmse:0.477922 train-mae:1013.71 eval-mae:1147.67  
[949] train-rmse:0.425591 eval-rmse:0.477914 train-mae:1013.6 eval-mae:1147.63  
[950] train-rmse:0.425524 eval-rmse:0.477913 train-mae:1013.45 eval-mae:1147.63  
[951] train-rmse:0.42548 eval-rmse:0.477907 train-mae:1013.34 eval-mae:1147.61  
[952] train-rmse:0.425438 eval-rmse:0.477901 train-mae:1013.23 eval-mae:1147.58  
[953] train-rmse:0.425411 eval-rmse:0.477901 train-mae:1013.15 eval-mae:1147.58  
[954] train-rmse:0.42539 eval-rmse:0.477899 train-mae:1013.1 eval-mae:1147.57  
[955] train-rmse:0.425352 eval-rmse:0.477893 train-mae:1013 eval-mae:1147.55  
[956] train-rmse:0.425292 eval-rmse:0.477886 train-mae:1012.85 eval-mae:1147.53  
[957] train-rmse:0.425262 eval-rmse:0.477883 train-mae:1012.77 eval-mae:1147.51  
[958] train-rmse:0.425221 eval-rmse:0.47788 train-mae:1012.67 eval-mae:1147.5  
[959] train-rmse:0.425189 eval-rmse:0.477874 train-mae:1012.58 eval-mae:1147.47  
[960] train-rmse:0.425166 eval-rmse:0.477872 train-mae:1012.52 eval-mae:1147.47  
[961] train-rmse:0.425135 eval-rmse:0.477872 train-mae:1012.43 eval-mae:1147.47  
[962] train-rmse:0.42511 eval-rmse:0.477868 train-mae:1012.35 eval-mae:1147.45  
[963] train-rmse:0.425085 eval-rmse:0.477869 train-mae:1012.29 eval-mae:1147.44  
[964] train-rmse:0.425061 eval-rmse:0.477868 train-mae:1012.23 eval-mae:1147.44  
[965] train-rmse:0.425034 eval-rmse:0.477866 train-mae:1012.16 eval-mae:1147.43  
[966] train-rmse:0.424981 eval-rmse:0.477859 train-mae:1012.02 eval-mae:1147.41  
[967] train-rmse:0.424952 eval-rmse:0.477854 train-mae:1011.94 eval-mae:1147.4  
[968] train-rmse:0.424905 eval-rmse:0.477852 train-mae:1011.82 eval-mae:1147.38  
[969] train-rmse:0.42486 eval-rmse:0.477848 train-mae:1011.71 eval-mae:1147.35  
[970] train-rmse:0.424832 eval-rmse:0.47785 train-mae:1011.63 eval-mae:1147.35  
[971] train-rmse:0.424803 eval-rmse:0.477847 train-mae:1011.56 eval-mae:1147.34  
[972] train-rmse:0.42478 eval-rmse:0.477844 train-mae:1011.49 eval-mae:1147.33  
[973] train-rmse:0.42475 eval-rmse:0.477836 train-mae:1011.39 eval-mae:1147.29  
[974] train-rmse:0.424703 eval-rmse:0.477827 train-mae:1011.26 eval-mae:1147.27  
[975] train-rmse:0.424673 eval-rmse:0.477828 train-mae:1011.2 eval-mae:1147.27  
[976] train-rmse:0.424614 eval-rmse:0.477819 train-mae:1011.06 eval-mae:1147.24  
[977] train-rmse:0.424593 eval-rmse:0.477817 train-mae:1010.99 eval-mae:1147.21  
[978] train-rmse:0.424537 eval-rmse:0.477813 train-mae:1010.86 eval-mae:1147.21  
[979] train-rmse:0.424519 eval-rmse:0.477814 train-mae:1010.81 eval-mae:1147.21  
[980] train-rmse:0.424483 eval-rmse:0.477811 train-mae:1010.71 eval-mae:1147.18  
[981] train-rmse:0.424446 eval-rmse:0.477808 train-mae:1010.62 eval-mae:1147.17  
[982] train-rmse:0.424395 eval-rmse:0.477797 train-mae:1010.49 eval-mae:1147.13  
[983] train-rmse:0.424385 eval-rmse:0.477794 train-mae:1010.46 eval-mae:1147.12  
[984] train-rmse:0.424367 eval-rmse:0.477793 train-mae:1010.41 eval-mae:1147.12  
[985] train-rmse:0.42434 eval-rmse:0.477789 train-mae:1010.34 eval-mae:1147.09  
[986] train-rmse:0.424288 eval-rmse:0.477786 train-mae:1010.21 eval-mae:1147.08  
[987] train-rmse:0.424276 eval-rmse:0.477784 train-mae:1010.17 eval-mae:1147.07  
[988] train-rmse:0.424246 eval-rmse:0.477781 train-mae:1010.08 eval-mae:1147.05  
[989] train-rmse:0.424214 eval-rmse:0.477774 train-mae:1009.99 eval-mae:1147.03  
[990] train-rmse:0.424187 eval-rmse:0.477767 train-mae:1009.91 eval-mae:1147  
[991] train-rmse:0.424154 eval-rmse:0.477763 train-mae:1009.81 eval-mae:1146.98  
[992] train-rmse:0.424116 eval-rmse:0.477758 train-mae:1009.72 eval-mae:1146.97  
[993] train-rmse:0.424086 eval-rmse:0.477755 train-mae:1009.64 eval-mae:1146.95  
[994] train-rmse:0.424048 eval-rmse:0.477758 train-mae:1009.56 eval-mae:1146.97  
[995] train-rmse:0.424032 eval-rmse:0.477756 train-mae:1009.51 eval-mae:1146.96  
[996] train-rmse:0.424011 eval-rmse:0.477754 train-mae:1009.45 eval-mae:1146.95  
[997] train-rmse:0.423983 eval-rmse:0.477753 train-mae:1009.39 eval-mae:1146.95  
[998] train-rmse:0.423932 eval-rmse:0.477753 train-mae:1009.26 eval-mae:1146.94  
[999] train-rmse:0.423908 eval-rmse:0.47775 train-mae:1009.2 eval-mae:1146.94  
[1000] train-rmse:0.423889 eval-rmse:0.477747 train-mae:1009.15 eval-mae:1146.93  
[1001] train-rmse:0.423836 eval-rmse:0.47774 train-mae:1009.01 eval-mae:1146.91  
[1002] train-rmse:0.423802 eval-rmse:0.477735 train-mae:1008.92 eval-mae:1146.89  
[1003] train-rmse:0.423762 eval-rmse:0.477729 train-mae:1008.81 eval-mae:1146.87  
[1004] train-rmse:0.423717 eval-rmse:0.477729 train-mae:1008.71 eval-mae:1146.88  
[1005] train-rmse:0.423695 eval-rmse:0.477724 train-mae:1008.64 eval-mae:1146.86  
[1006] train-rmse:0.423675 eval-rmse:0.477724 train-mae:1008.58 eval-mae:1146.87  
[1007] train-rmse:0.423646 eval-rmse:0.477719 train-mae:1008.5 eval-mae:1146.85  
[1008] train-rmse:0.423624 eval-rmse:0.477718 train-mae:1008.43 eval-mae:1146.84  
[1009] train-rmse:0.423595 eval-rmse:0.477716 train-mae:1008.36 eval-mae:1146.83  
[1010] train-rmse:0.42357 eval-rmse:0.477714 train-mae:1008.29 eval-mae:1146.82  
[1011] train-rmse:0.423536 eval-rmse:0.477711 train-mae:1008.21 eval-mae:1146.81  
[1012] train-rmse:0.423459 eval-rmse:0.477702 train-mae:1008.01 eval-mae:1146.78  
[1013] train-rmse:0.42343 eval-rmse:0.477698 train-mae:1007.93 eval-mae:1146.77  
[1014] train-rmse:0.423399 eval-rmse:0.477694 train-mae:1007.84 eval-mae:1146.76  
[1015] train-rmse:0.423363 eval-rmse:0.477688 train-mae:1007.73 eval-mae:1146.73  
[1016] train-rmse:0.423344 eval-rmse:0.477688 train-mae:1007.69 eval-mae:1146.73

[1017] train-rmse:0.423326 eval-rmse:0.477685 train-mae:1007.64 eval-mae:1146.73  
[1018] train-rmse:0.423302 eval-rmse:0.47768 train-mae:1007.58 eval-mae:1146.71  
[1019] train-rmse:0.423268 eval-rmse:0.477672 train-mae:1007.49 eval-mae:1146.69  
[1020] train-rmse:0.423251 eval-rmse:0.47767 train-mae:1007.44 eval-mae:1146.67  
[1021] train-rmse:0.423196 eval-rmse:0.477669 train-mae:1007.3 eval-mae:1146.65  
[1022] train-rmse:0.423142 eval-rmse:0.477657 train-mae:1007.17 eval-mae:1146.62  
[1023] train-rmse:0.423107 eval-rmse:0.477653 train-mae:1007.08 eval-mae:1146.6  
[1024] train-rmse:0.423085 eval-rmse:0.477649 train-mae:1007.02 eval-mae:1146.59  
[1025] train-rmse:0.423052 eval-rmse:0.477646 train-mae:1006.94 eval-mae:1146.58  
[1026] train-rmse:0.423029 eval-rmse:0.477643 train-mae:1006.89 eval-mae:1146.56  
[1027] train-rmse:0.423013 eval-rmse:0.477641 train-mae:1006.83 eval-mae:1146.55  
[1028] train-rmse:0.423003 eval-rmse:0.477637 train-mae:1006.8 eval-mae:1146.54  
[1029] train-rmse:0.422962 eval-rmse:0.477633 train-mae:1006.71 eval-mae:1146.53  
[1030] train-rmse:0.422929 eval-rmse:0.477631 train-mae:1006.61 eval-mae:1146.52  
[1031] train-rmse:0.4229 eval-rmse:0.477629 train-mae:1006.53 eval-mae:1146.51  
[1032] train-rmse:0.422864 eval-rmse:0.477629 train-mae:1006.44 eval-mae:1146.5  
[1033] train-rmse:0.422843 eval-rmse:0.477627 train-mae:1006.37 eval-mae:1146.5  
[1034] train-rmse:0.422836 eval-rmse:0.477627 train-mae:1006.36 eval-mae:1146.5  
[1035] train-rmse:0.422809 eval-rmse:0.477622 train-mae:1006.28 eval-mae:1146.48  
[1036] train-rmse:0.422763 eval-rmse:0.477613 train-mae:1006.17 eval-mae:1146.47  
[1037] train-rmse:0.422738 eval-rmse:0.477614 train-mae:1006.1 eval-mae:1146.47  
[1038] train-rmse:0.422714 eval-rmse:0.477612 train-mae:1006.04 eval-mae:1146.46  
[1039] train-rmse:0.422683 eval-rmse:0.477607 train-mae:1005.96 eval-mae:1146.44  
[1040] train-rmse:0.42266 eval-rmse:0.477605 train-mae:1005.91 eval-mae:1146.44  
[1041] train-rmse:0.422642 eval-rmse:0.477599 train-mae:1005.86 eval-mae:1146.42  
[1042] train-rmse:0.422611 eval-rmse:0.477598 train-mae:1005.77 eval-mae:1146.41  
[1043] train-rmse:0.422564 eval-rmse:0.477591 train-mae:1005.64 eval-mae:1146.39  
[1044] train-rmse:0.422528 eval-rmse:0.477588 train-mae:1005.56 eval-mae:1146.38  
[1045] train-rmse:0.422499 eval-rmse:0.477585 train-mae:1005.48 eval-mae:1146.36  
[1046] train-rmse:0.422434 eval-rmse:0.477581 train-mae:1005.32 eval-mae:1146.34  
[1047] train-rmse:0.422396 eval-rmse:0.477576 train-mae:1005.23 eval-mae:1146.34  
[1048] train-rmse:0.42236 eval-rmse:0.477575 train-mae:1005.15 eval-mae:1146.33  
[1049] train-rmse:0.422346 eval-rmse:0.477574 train-mae:1005.12 eval-mae:1146.33  
[1050] train-rmse:0.422333 eval-rmse:0.477573 train-mae:1005.08 eval-mae:1146.32  
[1051] train-rmse:0.422289 eval-rmse:0.477571 train-mae:1004.95 eval-mae:1146.31  
[1052] train-rmse:0.422255 eval-rmse:0.477568 train-mae:1004.84 eval-mae:1146.29  
[1053] train-rmse:0.422238 eval-rmse:0.477566 train-mae:1004.8 eval-mae:1146.28  
[1054] train-rmse:0.422176 eval-rmse:0.477556 train-mae:1004.64 eval-mae:1146.25  
[1055] train-rmse:0.422159 eval-rmse:0.477555 train-mae:1004.59 eval-mae:1146.24  
[1056] train-rmse:0.42212 eval-rmse:0.477551 train-mae:1004.49 eval-mae:1146.23  
[1057] train-rmse:0.422058 eval-rmse:0.477546 train-mae:1004.35 eval-mae:1146.21  
[1058] train-rmse:0.422039 eval-rmse:0.477545 train-mae:1004.3 eval-mae:1146.2  
[1059] train-rmse:0.422029 eval-rmse:0.477543 train-mae:1004.27 eval-mae:1146.19  
[1060] train-rmse:0.422011 eval-rmse:0.47754 train-mae:1004.23 eval-mae:1146.18  
[1061] train-rmse:0.421958 eval-rmse:0.477539 train-mae:1004.1 eval-mae:1146.17  
[1062] train-rmse:0.42193 eval-rmse:0.477537 train-mae:1004.03 eval-mae:1146.17  
[1063] train-rmse:0.421897 eval-rmse:0.47753 train-mae:1003.95 eval-mae:1146.15  
[1064] train-rmse:0.421875 eval-rmse:0.477528 train-mae:1003.89 eval-mae:1146.14  
[1065] train-rmse:0.421844 eval-rmse:0.477525 train-mae:1003.81 eval-mae:1146.13  
[1066] train-rmse:0.421804 eval-rmse:0.477527 train-mae:1003.71 eval-mae:1146.14  
[1067] train-rmse:0.421785 eval-rmse:0.477529 train-mae:1003.65 eval-mae:1146.13  
[1068] train-rmse:0.421751 eval-rmse:0.477523 train-mae:1003.56 eval-mae:1146.11  
[1069] train-rmse:0.421724 eval-rmse:0.47752 train-mae:1003.47 eval-mae:1146.1  
[1070] train-rmse:0.421715 eval-rmse:0.477516 train-mae:1003.45 eval-mae:1146.09  
[1071] train-rmse:0.421697 eval-rmse:0.477513 train-mae:1003.4 eval-mae:1146.08  
[1072] train-rmse:0.421671 eval-rmse:0.477512 train-mae:1003.33 eval-mae:1146.07  
[1073] train-rmse:0.421632 eval-rmse:0.477508 train-mae:1003.23 eval-mae:1146.05  
[1074] train-rmse:0.421618 eval-rmse:0.477506 train-mae:1003.2 eval-mae:1146.05  
[1075] train-rmse:0.421559 eval-rmse:0.477497 train-mae:1003.04 eval-mae:1146.02  
[1076] train-rmse:0.421512 eval-rmse:0.47749 train-mae:1002.93 eval-mae:1146  
[1077] train-rmse:0.421476 eval-rmse:0.477486 train-mae:1002.81 eval-mae:1145.99  
[1078] train-rmse:0.421456 eval-rmse:0.477484 train-mae:1002.75 eval-mae:1145.98  
[1079] train-rmse:0.421441 eval-rmse:0.477483 train-mae:1002.71 eval-mae:1145.97  
[1080] train-rmse:0.421425 eval-rmse:0.477482 train-mae:1002.66 eval-mae:1145.97  
[1081] train-rmse:0.421385 eval-rmse:0.477477 train-mae:1002.56 eval-mae:1145.96  
[1082] train-rmse:0.421353 eval-rmse:0.477477 train-mae:1002.48 eval-mae:1145.95  
[1083] train-rmse:0.421324 eval-rmse:0.477475 train-mae:1002.4 eval-mae:1145.94  
[1084] train-rmse:0.421281 eval-rmse:0.477468 train-mae:1002.28 eval-mae:1145.92  
[1085] train-rmse:0.421243 eval-rmse:0.477467 train-mae:1002.18 eval-mae:1145.91  
[1086] train-rmse:0.421232 eval-rmse:0.477464 train-mae:1002.15 eval-mae:1145.9  
[1087] train-rmse:0.421211 eval-rmse:0.477463 train-mae:1002.09 eval-mae:1145.9  
[1088] train-rmse:0.421179 eval-rmse:0.477464 train-mae:1001.99 eval-mae:1145.89

[1089]	train-rmse:0.421142	eval-rmse:0.477462	train-mae:1001.9	eval-mae:1145.87
[1090]	train-rmse:0.421124	eval-rmse:0.477461	train-mae:1001.85	eval-mae:1145.86
[1091]	train-rmse:0.421111	eval-rmse:0.477459	train-mae:1001.81	eval-mae:1145.85
[1092]	train-rmse:0.421087	eval-rmse:0.477457	train-mae:1001.75	eval-mae:1145.84
[1093]	train-rmse:0.421069	eval-rmse:0.477451	train-mae:1001.69	eval-mae:1145.82
[1094]	train-rmse:0.421002	eval-rmse:0.477444	train-mae:1001.53	eval-mae:1145.81
[1095]	train-rmse:0.420962	eval-rmse:0.477441	train-mae:1001.43	eval-mae:1145.79
[1096]	train-rmse:0.420947	eval-rmse:0.47744	train-mae:1001.38	eval-mae:1145.79
[1097]	train-rmse:0.420906	eval-rmse:0.477433	train-mae:1001.28	eval-mae:1145.76
[1098]	train-rmse:0.420894	eval-rmse:0.477433	train-mae:1001.24	eval-mae:1145.76
[1099]	train-rmse:0.420872	eval-rmse:0.477433	train-mae:1001.18	eval-mae:1145.75
[1100]	train-rmse:0.420855	eval-rmse:0.477429	train-mae:1001.14	eval-mae:1145.74
[1101]	train-rmse:0.420806	eval-rmse:0.477422	train-mae:1001.01	eval-mae:1145.71
[1102]	train-rmse:0.420763	eval-rmse:0.477422	train-mae:1000.9	eval-mae:1145.72
[1103]	train-rmse:0.420731	eval-rmse:0.477418	train-mae:1000.81	eval-mae:1145.7
[1104]	train-rmse:0.420692	eval-rmse:0.477419	train-mae:1000.71	eval-mae:1145.7
[1105]	train-rmse:0.420669	eval-rmse:0.477414	train-mae:1000.65	eval-mae:1145.69
[1106]	train-rmse:0.420646	eval-rmse:0.477411	train-mae:1000.58	eval-mae:1145.68
[1107]	train-rmse:0.420584	eval-rmse:0.477407	train-mae:1000.44	eval-mae:1145.69
[1108]	train-rmse:0.420553	eval-rmse:0.477407	train-mae:1000.36	eval-mae:1145.68
[1109]	train-rmse:0.420528	eval-rmse:0.477404	train-mae:1000.29	eval-mae:1145.65
[1110]	train-rmse:0.420495	eval-rmse:0.477405	train-mae:1000.19	eval-mae:1145.66
[1111]	train-rmse:0.420471	eval-rmse:0.477401	train-mae:1000.12	eval-mae:1145.64
[1112]	train-rmse:0.420432	eval-rmse:0.477397	train-mae:1000.01	eval-mae:1145.62
[1113]	train-rmse:0.420402	eval-rmse:0.477394	train-mae:999.936	eval-mae:1145.61
[1114]	train-rmse:0.420385	eval-rmse:0.477394	train-mae:999.896	eval-mae:1145.61
[1115]	train-rmse:0.420353	eval-rmse:0.477387	train-mae:999.797	eval-mae:1145.58
[1116]	train-rmse:0.420328	eval-rmse:0.477386	train-mae:999.71	eval-mae:1145.57
[1117]	train-rmse:0.420304	eval-rmse:0.477381	train-mae:999.647	eval-mae:1145.56
[1118]	train-rmse:0.42029	eval-rmse:0.477381	train-mae:999.613	eval-mae:1145.55
[1119]	train-rmse:0.420271	eval-rmse:0.477381	train-mae:999.568	eval-mae:1145.55
[1120]	train-rmse:0.420236	eval-rmse:0.477381	train-mae:999.488	eval-mae:1145.55
[1121]	train-rmse:0.420207	eval-rmse:0.477381	train-mae:999.416	eval-mae:1145.55
[1122]	train-rmse:0.420178	eval-rmse:0.477379	train-mae:999.344	eval-mae:1145.55
[1123]	train-rmse:0.420162	eval-rmse:0.477376	train-mae:999.306	eval-mae:1145.54
[1124]	train-rmse:0.420126	eval-rmse:0.477369	train-mae:999.194	eval-mae:1145.52
[1125]	train-rmse:0.420114	eval-rmse:0.477367	train-mae:999.153	eval-mae:1145.51
[1126]	train-rmse:0.420093	eval-rmse:0.477365	train-mae:999.09	eval-mae:1145.5
[1127]	train-rmse:0.420063	eval-rmse:0.477364	train-mae:999.016	eval-mae:1145.49
[1128]	train-rmse:0.420013	eval-rmse:0.47736	train-mae:998.895	eval-mae:1145.48
[1129]	train-rmse:0.419985	eval-rmse:0.477361	train-mae:998.82	eval-mae:1145.49
[1130]	train-rmse:0.419957	eval-rmse:0.477361	train-mae:998.746	eval-mae:1145.49
[1131]	train-rmse:0.419912	eval-rmse:0.477358	train-mae:998.619	eval-mae:1145.48
[1132]	train-rmse:0.419874	eval-rmse:0.477354	train-mae:998.52	eval-mae:1145.46
[1133]	train-rmse:0.419815	eval-rmse:0.477348	train-mae:998.374	eval-mae:1145.43
[1134]	train-rmse:0.419784	eval-rmse:0.477346	train-mae:998.289	eval-mae:1145.42
[1135]	train-rmse:0.419773	eval-rmse:0.477343	train-mae:998.259	eval-mae:1145.41
[1136]	train-rmse:0.419731	eval-rmse:0.477337	train-mae:998.154	eval-mae:1145.39
[1137]	train-rmse:0.419708	eval-rmse:0.477334	train-mae:998.098	eval-mae:1145.38
[1138]	train-rmse:0.419658	eval-rmse:0.477331	train-mae:997.978	eval-mae:1145.36
[1139]	train-rmse:0.41962	eval-rmse:0.477325	train-mae:997.883	eval-mae:1145.34
[1140]	train-rmse:0.419608	eval-rmse:0.477326	train-mae:997.852	eval-mae:1145.34
[1141]	train-rmse:0.419582	eval-rmse:0.477324	train-mae:997.781	eval-mae:1145.32
[1142]	train-rmse:0.41955	eval-rmse:0.477321	train-mae:997.702	eval-mae:1145.31
[1143]	train-rmse:0.419494	eval-rmse:0.477312	train-mae:997.545	eval-mae:1145.28
[1144]	train-rmse:0.41947	eval-rmse:0.477313	train-mae:997.485	eval-mae:1145.27
[1145]	train-rmse:0.419459	eval-rmse:0.477311	train-mae:997.45	eval-mae:1145.27
[1146]	train-rmse:0.419439	eval-rmse:0.477309	train-mae:997.4	eval-mae:1145.26
[1147]	train-rmse:0.419393	eval-rmse:0.477303	train-mae:997.286	eval-mae:1145.24
[1148]	train-rmse:0.419374	eval-rmse:0.477302	train-mae:997.239	eval-mae:1145.23
[1149]	train-rmse:0.419348	eval-rmse:0.477302	train-mae:997.167	eval-mae:1145.23
[1150]	train-rmse:0.419288	eval-rmse:0.477301	train-mae:997.038	eval-mae:1145.22
[1151]	train-rmse:0.419265	eval-rmse:0.4773	train-mae:996.97	eval-mae:1145.22
[1152]	train-rmse:0.419242	eval-rmse:0.477298	train-mae:996.912	eval-mae:1145.21
[1153]	train-rmse:0.419213	eval-rmse:0.477297	train-mae:996.849	eval-mae:1145.21
[1154]	train-rmse:0.419207	eval-rmse:0.477294	train-mae:996.824	eval-mae:1145.19
[1155]	train-rmse:0.419187	eval-rmse:0.477292	train-mae:996.768	eval-mae:1145.17
[1156]	train-rmse:0.419158	eval-rmse:0.477288	train-mae:996.689	eval-mae:1145.16
[1157]	train-rmse:0.419116	eval-rmse:0.477284	train-mae:996.587	eval-mae:1145.15
[1158]	train-rmse:0.419088	eval-rmse:0.47728	train-mae:996.507	eval-mae:1145.13
[1159]	train-rmse:0.419053	eval-rmse:0.477275	train-mae:996.407	eval-mae:1145.12
[1160]	train-rmse:0.419018	eval-rmse:0.477276	train-mae:996.326	eval-mae:1145.11

[1161] train-rmse:0.418988 eval-rmse:0.477273 train-mae:996.244 eval-mae:1145.11  
[1162] train-rmse:0.418969 eval-rmse:0.477268 train-mae:996.193 eval-mae:1145.09  
[1163] train-rmse:0.418929 eval-rmse:0.47727 train-mae:996.098 eval-mae:1145.09  
[1164] train-rmse:0.41884 eval-rmse:0.477262 train-mae:995.876 eval-mae:1145.07  
[1165] train-rmse:0.418821 eval-rmse:0.477259 train-mae:995.82 eval-mae:1145.05  
[1166] train-rmse:0.418796 eval-rmse:0.477256 train-mae:995.752 eval-mae:1145.04  
[1167] train-rmse:0.418769 eval-rmse:0.477256 train-mae:995.675 eval-mae:1145.04  
[1168] train-rmse:0.418733 eval-rmse:0.477253 train-mae:995.602 eval-mae:1145.02  
[1169] train-rmse:0.418687 eval-rmse:0.477252 train-mae:995.487 eval-mae:1145.01  
[1170] train-rmse:0.418657 eval-rmse:0.477248 train-mae:995.394 eval-mae:1145  
[1171] train-rmse:0.418629 eval-rmse:0.477249 train-mae:995.336 eval-mae:1145  
[1172] train-rmse:0.418613 eval-rmse:0.47725 train-mae:995.294 eval-mae:1144.99  
[1173] train-rmse:0.418581 eval-rmse:0.477242 train-mae:995.208 eval-mae:1144.98  
[1174] train-rmse:0.418562 eval-rmse:0.477239 train-mae:995.153 eval-mae:1144.97  
[1175] train-rmse:0.41852 eval-rmse:0.477238 train-mae:995.055 eval-mae:1144.95  
[1176] train-rmse:0.418492 eval-rmse:0.477239 train-mae:994.988 eval-mae:1144.96  
[1177] train-rmse:0.418439 eval-rmse:0.477236 train-mae:994.861 eval-mae:1144.94  
[1178] train-rmse:0.418426 eval-rmse:0.477231 train-mae:994.828 eval-mae:1144.93  
[1179] train-rmse:0.418419 eval-rmse:0.47723 train-mae:994.806 eval-mae:1144.92  
[1180] train-rmse:0.418382 eval-rmse:0.477226 train-mae:994.704 eval-mae:1144.91  
[1181] train-rmse:0.418351 eval-rmse:0.477227 train-mae:994.621 eval-mae:1144.91  
[1182] train-rmse:0.418323 eval-rmse:0.477226 train-mae:994.553 eval-mae:1144.91  
[1183] train-rmse:0.418308 eval-rmse:0.477224 train-mae:994.51 eval-mae:1144.9  
[1184] train-rmse:0.418284 eval-rmse:0.477221 train-mae:994.441 eval-mae:1144.89  
[1185] train-rmse:0.418273 eval-rmse:0.47722 train-mae:994.407 eval-mae:1144.87  
[1186] train-rmse:0.418231 eval-rmse:0.477214 train-mae:994.309 eval-mae:1144.85  
[1187] train-rmse:0.418221 eval-rmse:0.477214 train-mae:994.278 eval-mae:1144.84  
[1188] train-rmse:0.418184 eval-rmse:0.477214 train-mae:994.186 eval-mae:1144.84  
[1189] train-rmse:0.41816 eval-rmse:0.477214 train-mae:994.124 eval-mae:1144.84  
[1190] train-rmse:0.418122 eval-rmse:0.477218 train-mae:994.027 eval-mae:1144.85  
[1191] train-rmse:0.418067 eval-rmse:0.477211 train-mae:993.902 eval-mae:1144.83  
[1192] train-rmse:0.41804 eval-rmse:0.477208 train-mae:993.829 eval-mae:1144.82  
[1193] train-rmse:0.418019 eval-rmse:0.477202 train-mae:993.775 eval-mae:1144.81  
[1194] train-rmse:0.417975 eval-rmse:0.477203 train-mae:993.665 eval-mae:1144.81  
[1195] train-rmse:0.417948 eval-rmse:0.477201 train-mae:993.591 eval-mae:1144.8  
[1196] train-rmse:0.417911 eval-rmse:0.477196 train-mae:993.497 eval-mae:1144.78  
[1197] train-rmse:0.417892 eval-rmse:0.477194 train-mae:993.432 eval-mae:1144.77  
[1198] train-rmse:0.417863 eval-rmse:0.47719 train-mae:993.353 eval-mae:1144.76  
[1199] train-rmse:0.41784 eval-rmse:0.477185 train-mae:993.286 eval-mae:1144.74  
[1200] train-rmse:0.417817 eval-rmse:0.477182 train-mae:993.221 eval-mae:1144.73  
[1201] train-rmse:0.417809 eval-rmse:0.477182 train-mae:993.194 eval-mae:1144.73  
[1202] train-rmse:0.417795 eval-rmse:0.477183 train-mae:993.154 eval-mae:1144.72  
[1203] train-rmse:0.417772 eval-rmse:0.477187 train-mae:993.097 eval-mae:1144.73  
[1204] train-rmse:0.417721 eval-rmse:0.477186 train-mae:992.972 eval-mae:1144.72  
[1205] train-rmse:0.417707 eval-rmse:0.477188 train-mae:992.943 eval-mae:1144.72  
[1206] train-rmse:0.417681 eval-rmse:0.477187 train-mae:992.862 eval-mae:1144.71  
[1207] train-rmse:0.417671 eval-rmse:0.477185 train-mae:992.828 eval-mae:1144.7  
[1208] train-rmse:0.417658 eval-rmse:0.477183 train-mae:992.787 eval-mae:1144.69  
[1209] train-rmse:0.417615 eval-rmse:0.477183 train-mae:992.685 eval-mae:1144.68  
[1210] train-rmse:0.417578 eval-rmse:0.477176 train-mae:992.59 eval-mae:1144.66  
[1211] train-rmse:0.417551 eval-rmse:0.477174 train-mae:992.519 eval-mae:1144.65  
[1212] train-rmse:0.417529 eval-rmse:0.477174 train-mae:992.452 eval-mae:1144.65  
[1213] train-rmse:0.417494 eval-rmse:0.477171 train-mae:992.358 eval-mae:1144.63  
[1214] train-rmse:0.417469 eval-rmse:0.47717 train-mae:992.306 eval-mae:1144.62  
[1215] train-rmse:0.417439 eval-rmse:0.477169 train-mae:992.224 eval-mae:1144.62  
[1216] train-rmse:0.41742 eval-rmse:0.477168 train-mae:992.175 eval-mae:1144.62  
[1217] train-rmse:0.417399 eval-rmse:0.477169 train-mae:992.13 eval-mae:1144.63  
[1218] train-rmse:0.417383 eval-rmse:0.477165 train-mae:992.083 eval-mae:1144.61  
[1219] train-rmse:0.417359 eval-rmse:0.477162 train-mae:992.033 eval-mae:1144.61  
[1220] train-rmse:0.417334 eval-rmse:0.47716 train-mae:991.972 eval-mae:1144.61  
[1221] train-rmse:0.417316 eval-rmse:0.47716 train-mae:991.914 eval-mae:1144.6  
[1222] train-rmse:0.417299 eval-rmse:0.477157 train-mae:991.863 eval-mae:1144.58  
[1223] train-rmse:0.417274 eval-rmse:0.477154 train-mae:991.808 eval-mae:1144.58  
[1224] train-rmse:0.41724 eval-rmse:0.477154 train-mae:991.724 eval-mae:1144.58  
[1225] train-rmse:0.417234 eval-rmse:0.477152 train-mae:991.705 eval-mae:1144.57  
[1226] train-rmse:0.417225 eval-rmse:0.47715 train-mae:991.678 eval-mae:1144.56  
[1227] train-rmse:0.417175 eval-rmse:0.47714 train-mae:991.547 eval-mae:1144.53  
[1228] train-rmse:0.417148 eval-rmse:0.477141 train-mae:991.486 eval-mae:1144.53  
[1229] train-rmse:0.417123 eval-rmse:0.47714 train-mae:991.414 eval-mae:1144.53  
[1230] train-rmse:0.417094 eval-rmse:0.477137 train-mae:991.342 eval-mae:1144.52  
[1231] train-rmse:0.417066 eval-rmse:0.477137 train-mae:991.271 eval-mae:1144.51  
[1232] train-rmse:0.417042 eval-rmse:0.477137 train-mae:991.219 eval-mae:1144.51

[1233]	train-rmse:0.417002	eval-rmse:0.477137	train-mae:991.118	eval-mae:1144.51
[1234]	train-rmse:0.416983	eval-rmse:0.47714	train-mae:991.078	eval-mae:1144.52
[1235]	train-rmse:0.416952	eval-rmse:0.477136	train-mae:991.002	eval-mae:1144.51
[1236]	train-rmse:0.41693	eval-rmse:0.477133	train-mae:990.95	eval-mae:1144.51
[1237]	train-rmse:0.416895	eval-rmse:0.477134	train-mae:990.869	eval-mae:1144.52
[1238]	train-rmse:0.416845	eval-rmse:0.477129	train-mae:990.75	eval-mae:1144.51
[1239]	train-rmse:0.416812	eval-rmse:0.477125	train-mae:990.668	eval-mae:1144.48
[1240]	train-rmse:0.416783	eval-rmse:0.477125	train-mae:990.587	eval-mae:1144.48
[1241]	train-rmse:0.41676	eval-rmse:0.477125	train-mae:990.529	eval-mae:1144.47
[1242]	train-rmse:0.416728	eval-rmse:0.47712	train-mae:990.447	eval-mae:1144.45
[1243]	train-rmse:0.416689	eval-rmse:0.477117	train-mae:990.347	eval-mae:1144.46
[1244]	train-rmse:0.416658	eval-rmse:0.477116	train-mae:990.272	eval-mae:1144.46
[1245]	train-rmse:0.416636	eval-rmse:0.477113	train-mae:990.209	eval-mae:1144.45
[1246]	train-rmse:0.416616	eval-rmse:0.477112	train-mae:990.162	eval-mae:1144.45
[1247]	train-rmse:0.416596	eval-rmse:0.477112	train-mae:990.115	eval-mae:1144.45
[1248]	train-rmse:0.416571	eval-rmse:0.477112	train-mae:990.052	eval-mae:1144.44
[1249]	train-rmse:0.416556	eval-rmse:0.47711	train-mae:990.01	eval-mae:1144.43
[1250]	train-rmse:0.416544	eval-rmse:0.477108	train-mae:989.974	eval-mae:1144.42
[1251]	train-rmse:0.416523	eval-rmse:0.47711	train-mae:989.916	eval-mae:1144.43
[1252]	train-rmse:0.416511	eval-rmse:0.477109	train-mae:989.883	eval-mae:1144.42
[1253]	train-rmse:0.416492	eval-rmse:0.477106	train-mae:989.83	eval-mae:1144.42
[1254]	train-rmse:0.41646	eval-rmse:0.477106	train-mae:989.75	eval-mae:1144.42
[1255]	train-rmse:0.416447	eval-rmse:0.477105	train-mae:989.711	eval-mae:1144.41
[1256]	train-rmse:0.416438	eval-rmse:0.477103	train-mae:989.687	eval-mae:1144.41
[1257]	train-rmse:0.416432	eval-rmse:0.477102	train-mae:989.666	eval-mae:1144.4
[1258]	train-rmse:0.416417	eval-rmse:0.477101	train-mae:989.636	eval-mae:1144.4
[1259]	train-rmse:0.416376	eval-rmse:0.477099	train-mae:989.533	eval-mae:1144.4
[1260]	train-rmse:0.416338	eval-rmse:0.477098	train-mae:989.432	eval-mae:1144.4
[1261]	train-rmse:0.416303	eval-rmse:0.477096	train-mae:989.337	eval-mae:1144.39
[1262]	train-rmse:0.416261	eval-rmse:0.477095	train-mae:989.208	eval-mae:1144.39
[1263]	train-rmse:0.416235	eval-rmse:0.477096	train-mae:989.138	eval-mae:1144.39
[1264]	train-rmse:0.416192	eval-rmse:0.477095	train-mae:989.007	eval-mae:1144.39
[1265]	train-rmse:0.416166	eval-rmse:0.477091	train-mae:988.933	eval-mae:1144.37
[1266]	train-rmse:0.41614	eval-rmse:0.477087	train-mae:988.862	eval-mae:1144.36
[1267]	train-rmse:0.416122	eval-rmse:0.477083	train-mae:988.826	eval-mae:1144.35
[1268]	train-rmse:0.416082	eval-rmse:0.477087	train-mae:988.729	eval-mae:1144.36
[1269]	train-rmse:0.416072	eval-rmse:0.477086	train-mae:988.706	eval-mae:1144.35
[1270]	train-rmse:0.416045	eval-rmse:0.477083	train-mae:988.646	eval-mae:1144.35
[1271]	train-rmse:0.416022	eval-rmse:0.477081	train-mae:988.591	eval-mae:1144.34
[1272]	train-rmse:0.415999	eval-rmse:0.477076	train-mae:988.517	eval-mae:1144.33
[1273]	train-rmse:0.415988	eval-rmse:0.477075	train-mae:988.491	eval-mae:1144.33
[1274]	train-rmse:0.415965	eval-rmse:0.477073	train-mae:988.43	eval-mae:1144.32
[1275]	train-rmse:0.415964	eval-rmse:0.477073	train-mae:988.423	eval-mae:1144.32
[1276]	train-rmse:0.415948	eval-rmse:0.47707	train-mae:988.38	eval-mae:1144.31
[1277]	train-rmse:0.415915	eval-rmse:0.477067	train-mae:988.298	eval-mae:1144.3
[1278]	train-rmse:0.415877	eval-rmse:0.477065	train-mae:988.204	eval-mae:1144.3
[1279]	train-rmse:0.415852	eval-rmse:0.477062	train-mae:988.14	eval-mae:1144.29
[1280]	train-rmse:0.41583	eval-rmse:0.477058	train-mae:988.091	eval-mae:1144.28
[1281]	train-rmse:0.415804	eval-rmse:0.477054	train-mae:988.02	eval-mae:1144.27
[1282]	train-rmse:0.415795	eval-rmse:0.477052	train-mae:987.989	eval-mae:1144.27
[1283]	train-rmse:0.415775	eval-rmse:0.477049	train-mae:987.938	eval-mae:1144.26
[1284]	train-rmse:0.415765	eval-rmse:0.477049	train-mae:987.919	eval-mae:1144.26
[1285]	train-rmse:0.415732	eval-rmse:0.47705	train-mae:987.84	eval-mae:1144.26
[1286]	train-rmse:0.41572	eval-rmse:0.477051	train-mae:987.813	eval-mae:1144.27
[1287]	train-rmse:0.415706	eval-rmse:0.477049	train-mae:987.77	eval-mae:1144.25
[1288]	train-rmse:0.415689	eval-rmse:0.477048	train-mae:987.724	eval-mae:1144.25
[1289]	train-rmse:0.415655	eval-rmse:0.477045	train-mae:987.643	eval-mae:1144.24
[1290]	train-rmse:0.415633	eval-rmse:0.477045	train-mae:987.587	eval-mae:1144.23
[1291]	train-rmse:0.415618	eval-rmse:0.477044	train-mae:987.554	eval-mae:1144.23
[1292]	train-rmse:0.415583	eval-rmse:0.477042	train-mae:987.476	eval-mae:1144.23
[1293]	train-rmse:0.415555	eval-rmse:0.477039	train-mae:987.391	eval-mae:1144.21
[1294]	train-rmse:0.415529	eval-rmse:0.47704	train-mae:987.334	eval-mae:1144.21
[1295]	train-rmse:0.415509	eval-rmse:0.477037	train-mae:987.28	eval-mae:1144.2
[1296]	train-rmse:0.415471	eval-rmse:0.47704	train-mae:987.184	eval-mae:1144.21
[1297]	train-rmse:0.415453	eval-rmse:0.477041	train-mae:987.138	eval-mae:1144.21
[1298]	train-rmse:0.415432	eval-rmse:0.477036	train-mae:987.081	eval-mae:1144.19
[1299]	train-rmse:0.415413	eval-rmse:0.477034	train-mae:987.04	eval-mae:1144.18
[1300]	train-rmse:0.41539	eval-rmse:0.477033	train-mae:986.981	eval-mae:1144.18
[1301]	train-rmse:0.415363	eval-rmse:0.477033	train-mae:986.927	eval-mae:1144.18
[1302]	train-rmse:0.415349	eval-rmse:0.477032	train-mae:986.89	eval-mae:1144.17
[1303]	train-rmse:0.415334	eval-rmse:0.47703	train-mae:986.849	eval-mae:1144.16
[1304]	train-rmse:0.415314	eval-rmse:0.477027	train-mae:986.799	eval-mae:1144.16

[1305]	train-rmse:0.415293	eval-rmse:0.477024	train-mae:986.742	eval-mae:1144.14
[1306]	train-rmse:0.415263	eval-rmse:0.477026	train-mae:986.655	eval-mae:1144.14
[1307]	train-rmse:0.415237	eval-rmse:0.477026	train-mae:986.592	eval-mae:1144.14
[1308]	train-rmse:0.415212	eval-rmse:0.477023	train-mae:986.532	eval-mae:1144.13
[1309]	train-rmse:0.415163	eval-rmse:0.477024	train-mae:986.409	eval-mae:1144.12
[1310]	train-rmse:0.415133	eval-rmse:0.477015	train-mae:986.304	eval-mae:1144.09
[1311]	train-rmse:0.415098	eval-rmse:0.477017	train-mae:986.216	eval-mae:1144.09
[1312]	train-rmse:0.41508	eval-rmse:0.477015	train-mae:986.177	eval-mae:1144.08
[1313]	train-rmse:0.415058	eval-rmse:0.477014	train-mae:986.129	eval-mae:1144.08
[1314]	train-rmse:0.415037	eval-rmse:0.47701	train-mae:986.072	eval-mae:1144.07
[1315]	train-rmse:0.414978	eval-rmse:0.477005	train-mae:985.928	eval-mae:1144.05
[1316]	train-rmse:0.414953	eval-rmse:0.477003	train-mae:985.862	eval-mae:1144.04
[1317]	train-rmse:0.414935	eval-rmse:0.477004	train-mae:985.812	eval-mae:1144.04
[1318]	train-rmse:0.414917	eval-rmse:0.477003	train-mae:985.765	eval-mae:1144.03
[1319]	train-rmse:0.414901	eval-rmse:0.477004	train-mae:985.726	eval-mae:1144.04
[1320]	train-rmse:0.414893	eval-rmse:0.477005	train-mae:985.713	eval-mae:1144.04
[1321]	train-rmse:0.414877	eval-rmse:0.477003	train-mae:985.676	eval-mae:1144.04
[1322]	train-rmse:0.414861	eval-rmse:0.477005	train-mae:985.635	eval-mae:1144.05
[1323]	train-rmse:0.414848	eval-rmse:0.477003	train-mae:985.6	eval-mae:1144.05
[1324]	train-rmse:0.414825	eval-rmse:0.476999	train-mae:985.541	eval-mae:1144.04
[1325]	train-rmse:0.414804	eval-rmse:0.476999	train-mae:985.473	eval-mae:1144.03
[1326]	train-rmse:0.4148	eval-rmse:0.476998	train-mae:985.46	eval-mae:1144.03
[1327]	train-rmse:0.414787	eval-rmse:0.476996	train-mae:985.429	eval-mae:1144.03
[1328]	train-rmse:0.414745	eval-rmse:0.476993	train-mae:985.31	eval-mae:1144.02
[1329]	train-rmse:0.41472	eval-rmse:0.476987	train-mae:985.24	eval-mae:1144
[1330]	train-rmse:0.414687	eval-rmse:0.476981	train-mae:985.149	eval-mae:1143.98
[1331]	train-rmse:0.414671	eval-rmse:0.47698	train-mae:985.104	eval-mae:1143.97
[1332]	train-rmse:0.41464	eval-rmse:0.476975	train-mae:985.034	eval-mae:1143.96
[1333]	train-rmse:0.414621	eval-rmse:0.476974	train-mae:984.972	eval-mae:1143.95
[1334]	train-rmse:0.414599	eval-rmse:0.476974	train-mae:984.919	eval-mae:1143.95
[1335]	train-rmse:0.414577	eval-rmse:0.476974	train-mae:984.857	eval-mae:1143.95
[1336]	train-rmse:0.414526	eval-rmse:0.476971	train-mae:984.738	eval-mae:1143.95
[1337]	train-rmse:0.414506	eval-rmse:0.476968	train-mae:984.675	eval-mae:1143.93
[1338]	train-rmse:0.414464	eval-rmse:0.476969	train-mae:984.565	eval-mae:1143.93
[1339]	train-rmse:0.414459	eval-rmse:0.476969	train-mae:984.555	eval-mae:1143.94
[1340]	train-rmse:0.41442	eval-rmse:0.476961	train-mae:984.448	eval-mae:1143.91
[1341]	train-rmse:0.414382	eval-rmse:0.476957	train-mae:984.349	eval-mae:1143.9
[1342]	train-rmse:0.41435	eval-rmse:0.476955	train-mae:984.267	eval-mae:1143.9
[1343]	train-rmse:0.414335	eval-rmse:0.476954	train-mae:984.226	eval-mae:1143.89
[1344]	train-rmse:0.414293	eval-rmse:0.476954	train-mae:984.126	eval-mae:1143.9
[1345]	train-rmse:0.414276	eval-rmse:0.476955	train-mae:984.091	eval-mae:1143.9
[1346]	train-rmse:0.414263	eval-rmse:0.476953	train-mae:984.047	eval-mae:1143.88
[1347]	train-rmse:0.414246	eval-rmse:0.47695	train-mae:984.005	eval-mae:1143.87
[1348]	train-rmse:0.414203	eval-rmse:0.476948	train-mae:983.895	eval-mae:1143.85
[1349]	train-rmse:0.414178	eval-rmse:0.476946	train-mae:983.828	eval-mae:1143.85
[1350]	train-rmse:0.414152	eval-rmse:0.476947	train-mae:983.763	eval-mae:1143.84
[1351]	train-rmse:0.414132	eval-rmse:0.476945	train-mae:983.714	eval-mae:1143.83
[1352]	train-rmse:0.4141	eval-rmse:0.476938	train-mae:983.631	eval-mae:1143.81
[1353]	train-rmse:0.414093	eval-rmse:0.476939	train-mae:983.607	eval-mae:1143.81
[1354]	train-rmse:0.414058	eval-rmse:0.47694	train-mae:983.516	eval-mae:1143.8
[1355]	train-rmse:0.414051	eval-rmse:0.476939	train-mae:983.502	eval-mae:1143.8
[1356]	train-rmse:0.414046	eval-rmse:0.476939	train-mae:983.491	eval-mae:1143.8
[1357]	train-rmse:0.414017	eval-rmse:0.47694	train-mae:983.425	eval-mae:1143.8
[1358]	train-rmse:0.414004	eval-rmse:0.476941	train-mae:983.393	eval-mae:1143.79
[1359]	train-rmse:0.413996	eval-rmse:0.476941	train-mae:983.375	eval-mae:1143.79
[1360]	train-rmse:0.413969	eval-rmse:0.476943	train-mae:983.305	eval-mae:1143.8
[1361]	train-rmse:0.413927	eval-rmse:0.47694	train-mae:983.204	eval-mae:1143.8
[1362]	train-rmse:0.413894	eval-rmse:0.476934	train-mae:983.103	eval-mae:1143.77
[1363]	train-rmse:0.413876	eval-rmse:0.476936	train-mae:983.045	eval-mae:1143.78
[1364]	train-rmse:0.413859	eval-rmse:0.476935	train-mae:983.001	eval-mae:1143.77
[1365]	train-rmse:0.413836	eval-rmse:0.476933	train-mae:982.954	eval-mae:1143.77
[1366]	train-rmse:0.413805	eval-rmse:0.476928	train-mae:982.867	eval-mae:1143.76
[1367]	train-rmse:0.413798	eval-rmse:0.476928	train-mae:982.847	eval-mae:1143.75
[1368]	train-rmse:0.413782	eval-rmse:0.476929	train-mae:982.805	eval-mae:1143.76
[1369]	train-rmse:0.413757	eval-rmse:0.476931	train-mae:982.757	eval-mae:1143.77
[1370]	train-rmse:0.413745	eval-rmse:0.476933	train-mae:982.728	eval-mae:1143.78
[1371]	train-rmse:0.413722	eval-rmse:0.476932	train-mae:982.679	eval-mae:1143.77
[1372]	train-rmse:0.413697	eval-rmse:0.476926	train-mae:982.619	eval-mae:1143.76
[1373]	train-rmse:0.413671	eval-rmse:0.476926	train-mae:982.562	eval-mae:1143.76
[1374]	train-rmse:0.413649	eval-rmse:0.476926	train-mae:982.511	eval-mae:1143.76
[1375]	train-rmse:0.41363	eval-rmse:0.476926	train-mae:982.46	eval-mae:1143.76
[1376]	train-rmse:0.413595	eval-rmse:0.476926	train-mae:982.38	eval-mae:1143.76

[1377]	train-rmse:0.413576	eval-rmse:0.476928	train-mae:982.331	eval-mae:1143.76
[1378]	train-rmse:0.413574	eval-rmse:0.476927	train-mae:982.326	eval-mae:1143.76
[1379]	train-rmse:0.413566	eval-rmse:0.476928	train-mae:982.305	eval-mae:1143.76
[1380]	train-rmse:0.413548	eval-rmse:0.476925	train-mae:982.255	eval-mae:1143.75
[1381]	train-rmse:0.41352	eval-rmse:0.476925	train-mae:982.186	eval-mae:1143.75
[1382]	train-rmse:0.413477	eval-rmse:0.476923	train-mae:982.07	eval-mae:1143.73
[1383]	train-rmse:0.413474	eval-rmse:0.476922	train-mae:982.056	eval-mae:1143.73
[1384]	train-rmse:0.413425	eval-rmse:0.476922	train-mae:981.938	eval-mae:1143.73
[1385]	train-rmse:0.413408	eval-rmse:0.47692	train-mae:981.893	eval-mae:1143.72
[1386]	train-rmse:0.413401	eval-rmse:0.47692	train-mae:981.879	eval-mae:1143.72
[1387]	train-rmse:0.413391	eval-rmse:0.47692	train-mae:981.852	eval-mae:1143.72
[1388]	train-rmse:0.413384	eval-rmse:0.476919	train-mae:981.831	eval-mae:1143.71
[1389]	train-rmse:0.413362	eval-rmse:0.476924	train-mae:981.774	eval-mae:1143.72
[1390]	train-rmse:0.413345	eval-rmse:0.476922	train-mae:981.732	eval-mae:1143.72
[1391]	train-rmse:0.413335	eval-rmse:0.476923	train-mae:981.706	eval-mae:1143.72
[1392]	train-rmse:0.413328	eval-rmse:0.476922	train-mae:981.684	eval-mae:1143.72
[1393]	train-rmse:0.413302	eval-rmse:0.476925	train-mae:981.617	eval-mae:1143.73
[1394]	train-rmse:0.413275	eval-rmse:0.476925	train-mae:981.549	eval-mae:1143.73
[1395]	train-rmse:0.41325	eval-rmse:0.476926	train-mae:981.498	eval-mae:1143.73
[1396]	train-rmse:0.413225	eval-rmse:0.476919	train-mae:981.431	eval-mae:1143.72
[1397]	train-rmse:0.413212	eval-rmse:0.476917	train-mae:981.399	eval-mae:1143.71
[1398]	train-rmse:0.413206	eval-rmse:0.476917	train-mae:981.383	eval-mae:1143.71
[1399]	train-rmse:0.413199	eval-rmse:0.476915	train-mae:981.36	eval-mae:1143.7
[1400]	train-rmse:0.413188	eval-rmse:0.476913	train-mae:981.33	eval-mae:1143.71
[1401]	train-rmse:0.413169	eval-rmse:0.476912	train-mae:981.27	eval-mae:1143.7
[1402]	train-rmse:0.413158	eval-rmse:0.476913	train-mae:981.243	eval-mae:1143.69
[1403]	train-rmse:0.413135	eval-rmse:0.476914	train-mae:981.18	eval-mae:1143.7
[1404]	train-rmse:0.413106	eval-rmse:0.476912	train-mae:981.105	eval-mae:1143.69
[1405]	train-rmse:0.413093	eval-rmse:0.476909	train-mae:981.074	eval-mae:1143.68
[1406]	train-rmse:0.413066	eval-rmse:0.476907	train-mae:981.01	eval-mae:1143.67
[1407]	train-rmse:0.413034	eval-rmse:0.476908	train-mae:980.941	eval-mae:1143.67
[1408]	train-rmse:0.413012	eval-rmse:0.476907	train-mae:980.879	eval-mae:1143.67
[1409]	train-rmse:0.412982	eval-rmse:0.476906	train-mae:980.799	eval-mae:1143.66
[1410]	train-rmse:0.412946	eval-rmse:0.476905	train-mae:980.72	eval-mae:1143.65
[1411]	train-rmse:0.412922	eval-rmse:0.476903	train-mae:980.665	eval-mae:1143.64
[1412]	train-rmse:0.412917	eval-rmse:0.476902	train-mae:980.642	eval-mae:1143.64
[1413]	train-rmse:0.412889	eval-rmse:0.476899	train-mae:980.567	eval-mae:1143.64
[1414]	train-rmse:0.412876	eval-rmse:0.476899	train-mae:980.543	eval-mae:1143.65
[1415]	train-rmse:0.412862	eval-rmse:0.476899	train-mae:980.496	eval-mae:1143.64
[1416]	train-rmse:0.41286	eval-rmse:0.476899	train-mae:980.494	eval-mae:1143.64
[1417]	train-rmse:0.412819	eval-rmse:0.476889	train-mae:980.378	eval-mae:1143.61
[1418]	train-rmse:0.412811	eval-rmse:0.476889	train-mae:980.358	eval-mae:1143.6
[1419]	train-rmse:0.412782	eval-rmse:0.476886	train-mae:980.289	eval-mae:1143.59
[1420]	train-rmse:0.412775	eval-rmse:0.476884	train-mae:980.267	eval-mae:1143.58
[1421]	train-rmse:0.412759	eval-rmse:0.476882	train-mae:980.224	eval-mae:1143.58
[1422]	train-rmse:0.412742	eval-rmse:0.47688	train-mae:980.155	eval-mae:1143.57
[1423]	train-rmse:0.412716	eval-rmse:0.47688	train-mae:980.075	eval-mae:1143.57
[1424]	train-rmse:0.412696	eval-rmse:0.476878	train-mae:980.021	eval-mae:1143.57
[1425]	train-rmse:0.412676	eval-rmse:0.476877	train-mae:979.976	eval-mae:1143.56
[1426]	train-rmse:0.412665	eval-rmse:0.476878	train-mae:979.947	eval-mae:1143.56
[1427]	train-rmse:0.412636	eval-rmse:0.476874	train-mae:979.875	eval-mae:1143.55
[1428]	train-rmse:0.412594	eval-rmse:0.476874	train-mae:979.772	eval-mae:1143.55
[1429]	train-rmse:0.412577	eval-rmse:0.476873	train-mae:979.728	eval-mae:1143.55
[1430]	train-rmse:0.412555	eval-rmse:0.476871	train-mae:979.671	eval-mae:1143.54
[1431]	train-rmse:0.412532	eval-rmse:0.476871	train-mae:979.614	eval-mae:1143.53
[1432]	train-rmse:0.412517	eval-rmse:0.476869	train-mae:979.572	eval-mae:1143.53
[1433]	train-rmse:0.412506	eval-rmse:0.476869	train-mae:979.545	eval-mae:1143.52
[1434]	train-rmse:0.412475	eval-rmse:0.476868	train-mae:979.462	eval-mae:1143.51
[1435]	train-rmse:0.412467	eval-rmse:0.476867	train-mae:979.442	eval-mae:1143.51
[1436]	train-rmse:0.412462	eval-rmse:0.476868	train-mae:979.433	eval-mae:1143.51
[1437]	train-rmse:0.41245	eval-rmse:0.476867	train-mae:979.4	eval-mae:1143.5
[1438]	train-rmse:0.412435	eval-rmse:0.476865	train-mae:979.357	eval-mae:1143.49
[1439]	train-rmse:0.412418	eval-rmse:0.476865	train-mae:979.319	eval-mae:1143.49
[1440]	train-rmse:0.412408	eval-rmse:0.476865	train-mae:979.294	eval-mae:1143.49
[1441]	train-rmse:0.412377	eval-rmse:0.476864	train-mae:979.226	eval-mae:1143.49
[1442]	train-rmse:0.412342	eval-rmse:0.476863	train-mae:979.135	eval-mae:1143.49
[1443]	train-rmse:0.412311	eval-rmse:0.476865	train-mae:979.057	eval-mae:1143.49
[1444]	train-rmse:0.412281	eval-rmse:0.47686	train-mae:978.961	eval-mae:1143.47
[1445]	train-rmse:0.41226	eval-rmse:0.476857	train-mae:978.906	eval-mae:1143.46
[1446]	train-rmse:0.412236	eval-rmse:0.476855	train-mae:978.85	eval-mae:1143.46
[1447]	train-rmse:0.412214	eval-rmse:0.476854	train-mae:978.792	eval-mae:1143.45
[1448]	train-rmse:0.412197	eval-rmse:0.476852	train-mae:978.74	eval-mae:1143.45



[1449] train-rmse:0.412191 eval-rmse:0.476852 train-mae:978.724 eval-mae:1143.45  
[1450] train-rmse:0.412177 eval-rmse:0.476854 train-mae:978.692 eval-mae:1143.46  
[1451] train-rmse:0.412138 eval-rmse:0.476854 train-mae:978.612 eval-mae:1143.46  
[1452] train-rmse:0.412137 eval-rmse:0.476854 train-mae:978.608 eval-mae:1143.46  
[1453] train-rmse:0.412111 eval-rmse:0.476853 train-mae:978.527 eval-mae:1143.46  
[1454] train-rmse:0.412091 eval-rmse:0.47685 train-mae:978.475 eval-mae:1143.45  
[1455] train-rmse:0.412062 eval-rmse:0.47685 train-mae:978.401 eval-mae:1143.45  
[1456] train-rmse:0.412023 eval-rmse:0.476849 train-mae:978.291 eval-mae:1143.44  
[1457] train-rmse:0.411991 eval-rmse:0.476849 train-mae:978.203 eval-mae:1143.42  
[1458] train-rmse:0.411973 eval-rmse:0.476847 train-mae:978.164 eval-mae:1143.41  
[1459] train-rmse:0.411962 eval-rmse:0.476847 train-mae:978.132 eval-mae:1143.4  
[1460] train-rmse:0.411957 eval-rmse:0.476847 train-mae:978.118 eval-mae:1143.4  
[1461] train-rmse:0.411928 eval-rmse:0.476845 train-mae:978.046 eval-mae:1143.4  
[1462] train-rmse:0.4119 eval-rmse:0.476844 train-mae:977.973 eval-mae:1143.39  
[1463] train-rmse:0.411888 eval-rmse:0.476843 train-mae:977.943 eval-mae:1143.39  
[1464] train-rmse:0.411859 eval-rmse:0.476844 train-mae:977.86 eval-mae:1143.38  
[1465] train-rmse:0.411845 eval-rmse:0.476843 train-mae:977.824 eval-mae:1143.38  
[1466] train-rmse:0.411828 eval-rmse:0.47684 train-mae:977.781 eval-mae:1143.37  
[1467] train-rmse:0.411823 eval-rmse:0.47684 train-mae:977.762 eval-mae:1143.37  
[1468] train-rmse:0.411796 eval-rmse:0.476838 train-mae:977.685 eval-mae:1143.37  
[1469] train-rmse:0.411772 eval-rmse:0.476839 train-mae:977.629 eval-mae:1143.37  
[1470] train-rmse:0.411751 eval-rmse:0.476835 train-mae:977.57 eval-mae:1143.35  
[1471] train-rmse:0.411747 eval-rmse:0.476836 train-mae:977.557 eval-mae:1143.35  
[1472] train-rmse:0.411725 eval-rmse:0.476834 train-mae:977.492 eval-mae:1143.35  
[1473] train-rmse:0.411718 eval-rmse:0.476833 train-mae:977.474 eval-mae:1143.35  
[1474] train-rmse:0.411705 eval-rmse:0.476831 train-mae:977.439 eval-mae:1143.34  
[1475] train-rmse:0.411683 eval-rmse:0.476829 train-mae:977.37 eval-mae:1143.34  
[1476] train-rmse:0.411662 eval-rmse:0.476828 train-mae:977.321 eval-mae:1143.34  
[1477] train-rmse:0.411652 eval-rmse:0.476828 train-mae:977.29 eval-mae:1143.34  
[1478] train-rmse:0.411642 eval-rmse:0.476829 train-mae:977.256 eval-mae:1143.33  
[1479] train-rmse:0.411617 eval-rmse:0.47683 train-mae:977.193 eval-mae:1143.33  
[1480] train-rmse:0.411602 eval-rmse:0.476831 train-mae:977.163 eval-mae:1143.34  
[1481] train-rmse:0.411594 eval-rmse:0.47683 train-mae:977.147 eval-mae:1143.34  
[1482] train-rmse:0.411552 eval-rmse:0.476831 train-mae:977.06 eval-mae:1143.33  
[1483] train-rmse:0.411525 eval-rmse:0.476831 train-mae:976.99 eval-mae:1143.33  
[1484] train-rmse:0.411501 eval-rmse:0.476834 train-mae:976.933 eval-mae:1143.34  
[1485] train-rmse:0.411486 eval-rmse:0.476834 train-mae:976.887 eval-mae:1143.33  
[1486] train-rmse:0.411475 eval-rmse:0.476832 train-mae:976.863 eval-mae:1143.33  
[1487] train-rmse:0.411464 eval-rmse:0.47683 train-mae:976.826 eval-mae:1143.32  
[1488] train-rmse:0.41144 eval-rmse:0.476831 train-mae:976.768 eval-mae:1143.32  
[1489] train-rmse:0.411414 eval-rmse:0.47683 train-mae:976.708 eval-mae:1143.31  
[1490] train-rmse:0.411403 eval-rmse:0.47683 train-mae:976.685 eval-mae:1143.31  
[1491] train-rmse:0.41137 eval-rmse:0.476832 train-mae:976.613 eval-mae:1143.32  
[1492] train-rmse:0.411334 eval-rmse:0.476833 train-mae:976.522 eval-mae:1143.31  
[1493] train-rmse:0.411305 eval-rmse:0.47683 train-mae:976.453 eval-mae:1143.3  
[1494] train-rmse:0.4113 eval-rmse:0.47683 train-mae:976.438 eval-mae:1143.3  
[1495] train-rmse:0.411275 eval-rmse:0.476829 train-mae:976.386 eval-mae:1143.3  
[1496] train-rmse:0.411239 eval-rmse:0.476828 train-mae:976.298 eval-mae:1143.3  
[1497] train-rmse:0.411219 eval-rmse:0.476826 train-mae:976.24 eval-mae:1143.28  
[1498] train-rmse:0.411186 eval-rmse:0.476824 train-mae:976.167 eval-mae:1143.28  
[1499] train-rmse:0.411161 eval-rmse:0.476822 train-mae:976.106 eval-mae:1143.27  
[1500] train-rmse:0.411143 eval-rmse:0.476818 train-mae:976.068 eval-mae:1143.26  
[1501] train-rmse:0.411094 eval-rmse:0.476815 train-mae:975.95 eval-mae:1143.24  
[1502] train-rmse:0.411067 eval-rmse:0.476814 train-mae:975.88 eval-mae:1143.24  
[1503] train-rmse:0.41105 eval-rmse:0.476812 train-mae:975.835 eval-mae:1143.23  
[1504] train-rmse:0.411031 eval-rmse:0.476811 train-mae:975.781 eval-mae:1143.23  
[1505] train-rmse:0.411011 eval-rmse:0.47681 train-mae:975.725 eval-mae:1143.23  
[1506] train-rmse:0.410996 eval-rmse:0.476809 train-mae:975.681 eval-mae:1143.23  
[1507] train-rmse:0.410975 eval-rmse:0.476808 train-mae:975.627 eval-mae:1143.22  
[1508] train-rmse:0.410951 eval-rmse:0.476807 train-mae:975.554 eval-mae:1143.21  
[1509] train-rmse:0.410937 eval-rmse:0.476803 train-mae:975.517 eval-mae:1143.21  
[1510] train-rmse:0.410923 eval-rmse:0.476803 train-mae:975.482 eval-mae:1143.21  
[1511] train-rmse:0.410893 eval-rmse:0.476802 train-mae:975.415 eval-mae:1143.21  
[1512] train-rmse:0.410864 eval-rmse:0.476803 train-mae:975.347 eval-mae:1143.21  
[1513] train-rmse:0.410859 eval-rmse:0.476802 train-mae:975.332 eval-mae:1143.21  
[1514] train-rmse:0.410843 eval-rmse:0.476802 train-mae:975.293 eval-mae:1143.21  
[1515] train-rmse:0.410829 eval-rmse:0.476801 train-mae:975.257 eval-mae:1143.21  
[1516] train-rmse:0.410797 eval-rmse:0.476797 train-mae:975.178 eval-mae:1143.2  
[1517] train-rmse:0.410771 eval-rmse:0.476799 train-mae:975.107 eval-mae:1143.21  
[1518] train-rmse:0.410761 eval-rmse:0.476798 train-mae:975.088 eval-mae:1143.21  
[1519] train-rmse:0.410742 eval-rmse:0.4768 train-mae:975.043 eval-mae:1143.21  
[1520] train-rmse:0.410712 eval-rmse:0.476798 train-mae:974.968 eval-mae:1143.2

[1521] train-rmse:0.410682 eval-rmse:0.476794 train-mae:974.888 eval-mae:1143.2  
[1522] train-rmse:0.41068 eval-rmse:0.476794 train-mae:974.876 eval-mae:1143.2  
[1523] train-rmse:0.410654 eval-rmse:0.476793 train-mae:974.807 eval-mae:1143.2  
[1524] train-rmse:0.410627 eval-rmse:0.476789 train-mae:974.734 eval-mae:1143.19  
[1525] train-rmse:0.410594 eval-rmse:0.476789 train-mae:974.661 eval-mae:1143.19  
[1526] train-rmse:0.410575 eval-rmse:0.476786 train-mae:974.619 eval-mae:1143.18  
[1527] train-rmse:0.410534 eval-rmse:0.476783 train-mae:974.497 eval-mae:1143.18  
[1528] train-rmse:0.410511 eval-rmse:0.476783 train-mae:974.435 eval-mae:1143.17  
[1529] train-rmse:0.410486 eval-rmse:0.476782 train-mae:974.366 eval-mae:1143.17  
[1530] train-rmse:0.410478 eval-rmse:0.476784 train-mae:974.349 eval-mae:1143.17  
[1531] train-rmse:0.410446 eval-rmse:0.476784 train-mae:974.261 eval-mae:1143.18  
[1532] train-rmse:0.410427 eval-rmse:0.476783 train-mae:974.208 eval-mae:1143.17  
[1533] train-rmse:0.410405 eval-rmse:0.476781 train-mae:974.163 eval-mae:1143.17  
[1534] train-rmse:0.410379 eval-rmse:0.476781 train-mae:974.099 eval-mae:1143.16  
[1535] train-rmse:0.410347 eval-rmse:0.476783 train-mae:974.027 eval-mae:1143.15  
[1536] train-rmse:0.410334 eval-rmse:0.476783 train-mae:973.993 eval-mae:1143.15  
[1537] train-rmse:0.410331 eval-rmse:0.476782 train-mae:973.981 eval-mae:1143.14  
[1538] train-rmse:0.410315 eval-rmse:0.476783 train-mae:973.936 eval-mae:1143.14  
[1539] train-rmse:0.410287 eval-rmse:0.47678 train-mae:973.872 eval-mae:1143.13  
[1540] train-rmse:0.410276 eval-rmse:0.476777 train-mae:973.846 eval-mae:1143.12  
[1541] train-rmse:0.41026 eval-rmse:0.47678 train-mae:973.809 eval-mae:1143.13  
[1542] train-rmse:0.41025 eval-rmse:0.47678 train-mae:973.78 eval-mae:1143.13  
[1543] train-rmse:0.410236 eval-rmse:0.476782 train-mae:973.749 eval-mae:1143.13  
[1544] train-rmse:0.410212 eval-rmse:0.476777 train-mae:973.692 eval-mae:1143.13  
[1545] train-rmse:0.410198 eval-rmse:0.476775 train-mae:973.663 eval-mae:1143.12  
[1546] train-rmse:0.41018 eval-rmse:0.476778 train-mae:973.611 eval-mae:1143.13  
[1547] train-rmse:0.410158 eval-rmse:0.47678 train-mae:973.551 eval-mae:1143.13  
[1548] train-rmse:0.410131 eval-rmse:0.476777 train-mae:973.485 eval-mae:1143.13  
[1549] train-rmse:0.410111 eval-rmse:0.476776 train-mae:973.43 eval-mae:1143.12  
[1550] train-rmse:0.4101 eval-rmse:0.476778 train-mae:973.403 eval-mae:1143.12  
[1551] train-rmse:0.41007 eval-rmse:0.476774 train-mae:973.336 eval-mae:1143.11  
[1552] train-rmse:0.410062 eval-rmse:0.476776 train-mae:973.322 eval-mae:1143.12  
[1553] train-rmse:0.410037 eval-rmse:0.476776 train-mae:973.259 eval-mae:1143.12  
[1554] train-rmse:0.410009 eval-rmse:0.476772 train-mae:973.176 eval-mae:1143.09  
[1555] train-rmse:0.409981 eval-rmse:0.476771 train-mae:973.088 eval-mae:1143.09  
[1556] train-rmse:0.409968 eval-rmse:0.476772 train-mae:973.056 eval-mae:1143.09  
[1557] train-rmse:0.409953 eval-rmse:0.476771 train-mae:973.007 eval-mae:1143.08  
[1558] train-rmse:0.409944 eval-rmse:0.47677 train-mae:972.98 eval-mae:1143.07  
[1559] train-rmse:0.40993 eval-rmse:0.476769 train-mae:972.946 eval-mae:1143.07  
[1560] train-rmse:0.409922 eval-rmse:0.476766 train-mae:972.932 eval-mae:1143.06  
[1561] train-rmse:0.409895 eval-rmse:0.476766 train-mae:972.86 eval-mae:1143.06  
[1562] train-rmse:0.409885 eval-rmse:0.476765 train-mae:972.83 eval-mae:1143.06  
[1563] train-rmse:0.409878 eval-rmse:0.476766 train-mae:972.807 eval-mae:1143.06  
[1564] train-rmse:0.40985 eval-rmse:0.476766 train-mae:972.742 eval-mae:1143.06  
[1565] train-rmse:0.409844 eval-rmse:0.476765 train-mae:972.721 eval-mae:1143.05  
[1566] train-rmse:0.409815 eval-rmse:0.476764 train-mae:972.646 eval-mae:1143.05  
[1567] train-rmse:0.409768 eval-rmse:0.476762 train-mae:972.534 eval-mae:1143.04  
[1568] train-rmse:0.40976 eval-rmse:0.476762 train-mae:972.515 eval-mae:1143.04  
[1569] train-rmse:0.409752 eval-rmse:0.47676 train-mae:972.492 eval-mae:1143.04  
[1570] train-rmse:0.409715 eval-rmse:0.476759 train-mae:972.404 eval-mae:1143.04  
[1571] train-rmse:0.409708 eval-rmse:0.476758 train-mae:972.383 eval-mae:1143.04  
[1572] train-rmse:0.409682 eval-rmse:0.47676 train-mae:972.322 eval-mae:1143.05  
[1573] train-rmse:0.409654 eval-rmse:0.476757 train-mae:972.241 eval-mae:1143.04  
[1574] train-rmse:0.409638 eval-rmse:0.476758 train-mae:972.203 eval-mae:1143.04  
[1575] train-rmse:0.409617 eval-rmse:0.476755 train-mae:972.159 eval-mae:1143.03  
[1576] train-rmse:0.409603 eval-rmse:0.476753 train-mae:972.126 eval-mae:1143.03  
[1577] train-rmse:0.409594 eval-rmse:0.476754 train-mae:972.103 eval-mae:1143.02  
[1578] train-rmse:0.409578 eval-rmse:0.476754 train-mae:972.066 eval-mae:1143.02  
[1579] train-rmse:0.409563 eval-rmse:0.476752 train-mae:972.026 eval-mae:1143.02  
[1580] train-rmse:0.40955 eval-rmse:0.476752 train-mae:971.994 eval-mae:1143.02  
[1581] train-rmse:0.409541 eval-rmse:0.476753 train-mae:971.965 eval-mae:1143.03  
[1582] train-rmse:0.409527 eval-rmse:0.476753 train-mae:971.929 eval-mae:1143.03  
[1583] train-rmse:0.409513 eval-rmse:0.476752 train-mae:971.893 eval-mae:1143.03  
[1584] train-rmse:0.409485 eval-rmse:0.476751 train-mae:971.826 eval-mae:1143.03  
[1585] train-rmse:0.409475 eval-rmse:0.476751 train-mae:971.796 eval-mae:1143.02  
[1586] train-rmse:0.40947 eval-rmse:0.47675 train-mae:971.784 eval-mae:1143.02  
[1587] train-rmse:0.409455 eval-rmse:0.476749 train-mae:971.744 eval-mae:1143.01  
[1588] train-rmse:0.409427 eval-rmse:0.47675 train-mae:971.681 eval-mae:1143.01  
[1589] train-rmse:0.409402 eval-rmse:0.476749 train-mae:971.612 eval-mae:1143.01  
[1590] train-rmse:0.409361 eval-rmse:0.476749 train-mae:971.512 eval-mae:1143.01  
[1591] train-rmse:0.409326 eval-rmse:0.476748 train-mae:971.424 eval-mae:1143.01  
[1592] train-rmse:0.409322 eval-rmse:0.476749 train-mae:971.416 eval-mae:1143.01

[1593] train-rmse:0.409311 eval-rmse:0.476747 train-mae:971.385 eval-mae:1143  
[1594] train-rmse:0.40928 eval-rmse:0.476747 train-mae:971.314 eval-mae:1143  
[1595] train-rmse:0.40927 eval-rmse:0.476746 train-mae:971.289 eval-mae:1143  
[1596] train-rmse:0.409249 eval-rmse:0.476748 train-mae:971.238 eval-mae:1143  
[1597] train-rmse:0.409223 eval-rmse:0.476749 train-mae:971.181 eval-mae:1143  
[1598] train-rmse:0.409206 eval-rmse:0.476749 train-mae:971.128 eval-mae:1143  
[1599] train-rmse:0.409185 eval-rmse:0.476748 train-mae:971.078 eval-mae:1143  
[1600] train-rmse:0.409173 eval-rmse:0.476749 train-mae:971.049 eval-mae:1143.01  
[1601] train-rmse:0.409156 eval-rmse:0.47675 train-mae:971.008 eval-mae:1143.02  
[1602] train-rmse:0.409138 eval-rmse:0.476746 train-mae:970.959 eval-mae:1143.01  
[1603] train-rmse:0.409122 eval-rmse:0.476747 train-mae:970.918 eval-mae:1143.01  
[1604] train-rmse:0.409096 eval-rmse:0.476748 train-mae:970.849 eval-mae:1143.01  
[1605] train-rmse:0.409084 eval-rmse:0.476747 train-mae:970.817 eval-mae:1143.02  
[1606] train-rmse:0.409067 eval-rmse:0.476746 train-mae:970.77 eval-mae:1143.02  
[1607] train-rmse:0.409044 eval-rmse:0.476745 train-mae:970.709 eval-mae:1143.01  
[1608] train-rmse:0.409033 eval-rmse:0.476743 train-mae:970.673 eval-mae:1143  
[1609] train-rmse:0.409014 eval-rmse:0.476743 train-mae:970.625 eval-mae:1143.01  
[1610] train-rmse:0.408987 eval-rmse:0.476743 train-mae:970.55 eval-mae:1142.99  
[1611] train-rmse:0.408978 eval-rmse:0.476745 train-mae:970.525 eval-mae:1143  
[1612] train-rmse:0.40896 eval-rmse:0.476744 train-mae:970.471 eval-mae:1143  
[1613] train-rmse:0.408932 eval-rmse:0.476743 train-mae:970.401 eval-mae:1142.99  
[1614] train-rmse:0.408924 eval-rmse:0.476743 train-mae:970.372 eval-mae:1142.99  
[1615] train-rmse:0.408914 eval-rmse:0.476743 train-mae:970.346 eval-mae:1142.99  
[1616] train-rmse:0.408889 eval-rmse:0.476744 train-mae:970.288 eval-mae:1143  
[1617] train-rmse:0.408863 eval-rmse:0.476743 train-mae:970.215 eval-mae:1142.99  
[1618] train-rmse:0.408857 eval-rmse:0.476744 train-mae:970.198 eval-mae:1142.99  
[1619] train-rmse:0.408831 eval-rmse:0.476745 train-mae:970.141 eval-mae:1142.98  
[1620] train-rmse:0.40882 eval-rmse:0.476744 train-mae:970.115 eval-mae:1142.99  
[1621] train-rmse:0.408773 eval-rmse:0.476742 train-mae:970.005 eval-mae:1142.98  
[1622] train-rmse:0.40872 eval-rmse:0.476741 train-mae:969.875 eval-mae:1142.97  
[1623] train-rmse:0.4087 eval-rmse:0.47674 train-mae:969.821 eval-mae:1142.97  
[1624] train-rmse:0.408674 eval-rmse:0.47674 train-mae:969.763 eval-mae:1142.97  
[1625] train-rmse:0.408655 eval-rmse:0.476739 train-mae:969.708 eval-mae:1142.97  
[1626] train-rmse:0.408634 eval-rmse:0.476738 train-mae:969.637 eval-mae:1142.97  
[1627] train-rmse:0.408608 eval-rmse:0.476739 train-mae:969.57 eval-mae:1142.98  
[1628] train-rmse:0.408591 eval-rmse:0.47674 train-mae:969.53 eval-mae:1142.99  
[1629] train-rmse:0.408557 eval-rmse:0.476736 train-mae:969.438 eval-mae:1142.98  
[1630] train-rmse:0.408518 eval-rmse:0.476736 train-mae:969.341 eval-mae:1142.98  
[1631] train-rmse:0.408506 eval-rmse:0.476736 train-mae:969.304 eval-mae:1142.97  
[1632] train-rmse:0.408498 eval-rmse:0.476737 train-mae:969.287 eval-mae:1142.97  
[1633] train-rmse:0.408475 eval-rmse:0.476738 train-mae:969.233 eval-mae:1142.98  
[1634] train-rmse:0.408465 eval-rmse:0.476737 train-mae:969.201 eval-mae:1142.97  
[1635] train-rmse:0.408441 eval-rmse:0.476739 train-mae:969.136 eval-mae:1142.98  
[1636] train-rmse:0.408421 eval-rmse:0.47674 train-mae:969.09 eval-mae:1142.98  
[1637] train-rmse:0.408393 eval-rmse:0.476737 train-mae:969.016 eval-mae:1142.97  
[1638] train-rmse:0.40838 eval-rmse:0.476738 train-mae:968.979 eval-mae:1142.97  
[1639] train-rmse:0.408352 eval-rmse:0.476739 train-mae:968.907 eval-mae:1142.98  
[1640] train-rmse:0.408344 eval-rmse:0.476738 train-mae:968.887 eval-mae:1142.97  
[1641] train-rmse:0.408323 eval-rmse:0.476741 train-mae:968.838 eval-mae:1142.98  
[1642] train-rmse:0.408295 eval-rmse:0.476742 train-mae:968.753 eval-mae:1142.98  
[1643] train-rmse:0.40829 eval-rmse:0.476742 train-mae:968.743 eval-mae:1142.98  
[1644] train-rmse:0.408275 eval-rmse:0.476741 train-mae:968.705 eval-mae:1142.98  
[1645] train-rmse:0.408255 eval-rmse:0.476741 train-mae:968.66 eval-mae:1142.98  
[1646] train-rmse:0.408244 eval-rmse:0.476741 train-mae:968.63 eval-mae:1142.98  
[1647] train-rmse:0.408232 eval-rmse:0.476741 train-mae:968.602 eval-mae:1142.98  
[1648] train-rmse:0.408203 eval-rmse:0.476741 train-mae:968.53 eval-mae:1142.97  
[1649] train-rmse:0.408189 eval-rmse:0.476739 train-mae:968.493 eval-mae:1142.97  
[1650] train-rmse:0.408146 eval-rmse:0.476737 train-mae:968.393 eval-mae:1142.98  
[1651] train-rmse:0.408128 eval-rmse:0.476737 train-mae:968.347 eval-mae:1142.97  
[1652] train-rmse:0.408108 eval-rmse:0.476736 train-mae:968.29 eval-mae:1142.96  
[1653] train-rmse:0.408099 eval-rmse:0.476736 train-mae:968.272 eval-mae:1142.96  
[1654] train-rmse:0.408095 eval-rmse:0.476737 train-mae:968.264 eval-mae:1142.97  
[1655] train-rmse:0.408083 eval-rmse:0.476736 train-mae:968.231 eval-mae:1142.97  
[1656] train-rmse:0.408054 eval-rmse:0.476731 train-mae:968.163 eval-mae:1142.96  
[1657] train-rmse:0.408041 eval-rmse:0.476731 train-mae:968.133 eval-mae:1142.96  
[1658] train-rmse:0.408032 eval-rmse:0.47673 train-mae:968.109 eval-mae:1142.95  
[1659] train-rmse:0.407995 eval-rmse:0.476728 train-mae:968.021 eval-mae:1142.94  
[1660] train-rmse:0.407977 eval-rmse:0.476729 train-mae:967.98 eval-mae:1142.94  
[1661] train-rmse:0.407955 eval-rmse:0.476732 train-mae:967.924 eval-mae:1142.95  
[1662] train-rmse:0.407938 eval-rmse:0.476732 train-mae:967.881 eval-mae:1142.95  
[1663] train-rmse:0.407908 eval-rmse:0.476731 train-mae:967.811 eval-mae:1142.95  
[1664] train-rmse:0.407901 eval-rmse:0.47673 train-mae:967.784 eval-mae:1142.95

[1665] train-rmse:0.407893 eval-rmse:0.476729 train-mae:967.764 eval-mae:1142.95  
[1666] train-rmse:0.407855 eval-rmse:0.476731 train-mae:967.678 eval-mae:1142.95  
[1667] train-rmse:0.407843 eval-rmse:0.47673 train-mae:967.646 eval-mae:1142.95  
[1668] train-rmse:0.407824 eval-rmse:0.47673 train-mae:967.608 eval-mae:1142.95  
[1669] train-rmse:0.407804 eval-rmse:0.476729 train-mae:967.55 eval-mae:1142.94  
[1670] train-rmse:0.407786 eval-rmse:0.476731 train-mae:967.506 eval-mae:1142.94  
[1671] train-rmse:0.40778 eval-rmse:0.47673 train-mae:967.487 eval-mae:1142.93  
[1672] train-rmse:0.407756 eval-rmse:0.476727 train-mae:967.432 eval-mae:1142.93  
[1673] train-rmse:0.407733 eval-rmse:0.476729 train-mae:967.376 eval-mae:1142.93  
[1674] train-rmse:0.407723 eval-rmse:0.476728 train-mae:967.355 eval-mae:1142.93  
[1675] train-rmse:0.407704 eval-rmse:0.476731 train-mae:967.302 eval-mae:1142.94  
[1676] train-rmse:0.407679 eval-rmse:0.47673 train-mae:967.238 eval-mae:1142.94  
[1677] train-rmse:0.407654 eval-rmse:0.476731 train-mae:967.178 eval-mae:1142.93  
[1678] train-rmse:0.407629 eval-rmse:0.476729 train-mae:967.127 eval-mae:1142.93  
[1679] train-rmse:0.407614 eval-rmse:0.476729 train-mae:967.091 eval-mae:1142.94  
[1680] train-rmse:0.407599 eval-rmse:0.476728 train-mae:967.053 eval-mae:1142.93  
[1681] train-rmse:0.407586 eval-rmse:0.476727 train-mae:967.02 eval-mae:1142.93  
[1682] train-rmse:0.407583 eval-rmse:0.476726 train-mae:967.014 eval-mae:1142.93  
[1683] train-rmse:0.407557 eval-rmse:0.476725 train-mae:966.949 eval-mae:1142.93  
[1684] train-rmse:0.407551 eval-rmse:0.476726 train-mae:966.932 eval-mae:1142.93  
[1685] train-rmse:0.407519 eval-rmse:0.476726 train-mae:966.858 eval-mae:1142.94  
[1686] train-rmse:0.407511 eval-rmse:0.476726 train-mae:966.833 eval-mae:1142.93  
[1687] train-rmse:0.407502 eval-rmse:0.476725 train-mae:966.807 eval-mae:1142.93  
[1688] train-rmse:0.407481 eval-rmse:0.476724 train-mae:966.762 eval-mae:1142.93  
[1689] train-rmse:0.407449 eval-rmse:0.476724 train-mae:966.664 eval-mae:1142.92  
[1690] train-rmse:0.407424 eval-rmse:0.47672 train-mae:966.6 eval-mae:1142.91  
[1691] train-rmse:0.407415 eval-rmse:0.47672 train-mae:966.579 eval-mae:1142.91  
[1692] train-rmse:0.407403 eval-rmse:0.476719 train-mae:966.544 eval-mae:1142.91  
[1693] train-rmse:0.407384 eval-rmse:0.47672 train-mae:966.503 eval-mae:1142.91  
[1694] train-rmse:0.407372 eval-rmse:0.476723 train-mae:966.478 eval-mae:1142.92  
[1695] train-rmse:0.407354 eval-rmse:0.476722 train-mae:966.433 eval-mae:1142.91  
[1696] train-rmse:0.407343 eval-rmse:0.476722 train-mae:966.408 eval-mae:1142.92  
[1697] train-rmse:0.407327 eval-rmse:0.476722 train-mae:966.369 eval-mae:1142.91  
[1698] train-rmse:0.407319 eval-rmse:0.476723 train-mae:966.352 eval-mae:1142.92  
[1699] train-rmse:0.407276 eval-rmse:0.476724 train-mae:966.256 eval-mae:1142.91  
[1700] train-rmse:0.407259 eval-rmse:0.476725 train-mae:966.214 eval-mae:1142.92  
[1701] train-rmse:0.40724 eval-rmse:0.476723 train-mae:966.162 eval-mae:1142.91  
[1702] train-rmse:0.407193 eval-rmse:0.476725 train-mae:966.046 eval-mae:1142.9  
[1703] train-rmse:0.407174 eval-rmse:0.476726 train-mae:966.002 eval-mae:1142.91  
[1704] train-rmse:0.407164 eval-rmse:0.476726 train-mae:965.978 eval-mae:1142.91  
[1705] train-rmse:0.407145 eval-rmse:0.476726 train-mae:965.932 eval-mae:1142.91  
[1706] train-rmse:0.407143 eval-rmse:0.476726 train-mae:965.926 eval-mae:1142.91  
[1707] train-rmse:0.407118 eval-rmse:0.476727 train-mae:965.865 eval-mae:1142.91  
[1708] train-rmse:0.407104 eval-rmse:0.476725 train-mae:965.83 eval-mae:1142.89  
[1709] train-rmse:0.407079 eval-rmse:0.476724 train-mae:965.763 eval-mae:1142.89  
[1710] train-rmse:0.407067 eval-rmse:0.476723 train-mae:965.731 eval-mae:1142.89  
[1711] train-rmse:0.407056 eval-rmse:0.476721 train-mae:965.703 eval-mae:1142.88  
[1712] train-rmse:0.407036 eval-rmse:0.47672 train-mae:965.653 eval-mae:1142.88  
[1713] train-rmse:0.40702 eval-rmse:0.476716 train-mae:965.613 eval-mae:1142.87  
[1714] train-rmse:0.406997 eval-rmse:0.476715 train-mae:965.558 eval-mae:1142.87  
[1715] train-rmse:0.406967 eval-rmse:0.476709 train-mae:965.489 eval-mae:1142.86  
[1716] train-rmse:0.40696 eval-rmse:0.47671 train-mae:965.464 eval-mae:1142.86  
[1717] train-rmse:0.406948 eval-rmse:0.476711 train-mae:965.436 eval-mae:1142.87  
[1718] train-rmse:0.406935 eval-rmse:0.476711 train-mae:965.405 eval-mae:1142.86  
[1719] train-rmse:0.406914 eval-rmse:0.476711 train-mae:965.353 eval-mae:1142.86  
[1720] train-rmse:0.406896 eval-rmse:0.476714 train-mae:965.315 eval-mae:1142.87  
[1721] train-rmse:0.406874 eval-rmse:0.476713 train-mae:965.269 eval-mae:1142.86  
[1722] train-rmse:0.406837 eval-rmse:0.476709 train-mae:965.174 eval-mae:1142.85  
[1723] train-rmse:0.406806 eval-rmse:0.476714 train-mae:965.097 eval-mae:1142.86  
[1724] train-rmse:0.406781 eval-rmse:0.476712 train-mae:965.038 eval-mae:1142.85  
[1725] train-rmse:0.406759 eval-rmse:0.47671 train-mae:964.978 eval-mae:1142.85  
[1726] train-rmse:0.406749 eval-rmse:0.476709 train-mae:964.949 eval-mae:1142.84  
[1727] train-rmse:0.406736 eval-rmse:0.476709 train-mae:964.915 eval-mae:1142.85  
[1728] train-rmse:0.406724 eval-rmse:0.476709 train-mae:964.889 eval-mae:1142.85  
[1729] train-rmse:0.40672 eval-rmse:0.476709 train-mae:964.881 eval-mae:1142.85  
[1730] train-rmse:0.406697 eval-rmse:0.476709 train-mae:964.826 eval-mae:1142.85  
[1731] train-rmse:0.406651 eval-rmse:0.47671 train-mae:964.722 eval-mae:1142.84  
[1732] train-rmse:0.406638 eval-rmse:0.476711 train-mae:964.684 eval-mae:1142.85  
[1733] train-rmse:0.406622 eval-rmse:0.476711 train-mae:964.645 eval-mae:1142.85  
[1734] train-rmse:0.406616 eval-rmse:0.476711 train-mae:964.63 eval-mae:1142.84  
[1735] train-rmse:0.406602 eval-rmse:0.476709 train-mae:964.589 eval-mae:1142.84  
[1736] train-rmse:0.406597 eval-rmse:0.476708 train-mae:964.58 eval-mae:1142.84

[1737]	train-rmse:0.406571	eval-rmse:0.476708	train-mae:964.515	eval-mae:1142.84
[1738]	train-rmse:0.406545	eval-rmse:0.476707	train-mae:964.45	eval-mae:1142.83
[1739]	train-rmse:0.406528	eval-rmse:0.476706	train-mae:964.408	eval-mae:1142.82
[1740]	train-rmse:0.406509	eval-rmse:0.476706	train-mae:964.349	eval-mae:1142.83
[1741]	train-rmse:0.406492	eval-rmse:0.476707	train-mae:964.313	eval-mae:1142.84
[1742]	train-rmse:0.406472	eval-rmse:0.476709	train-mae:964.264	eval-mae:1142.83
[1743]	train-rmse:0.406431	eval-rmse:0.476707	train-mae:964.169	eval-mae:1142.82
[1744]	train-rmse:0.406417	eval-rmse:0.476706	train-mae:964.136	eval-mae:1142.82
[1745]	train-rmse:0.40641	eval-rmse:0.476706	train-mae:964.111	eval-mae:1142.82
[1746]	train-rmse:0.406404	eval-rmse:0.476707	train-mae:964.099	eval-mae:1142.82
[1747]	train-rmse:0.406403	eval-rmse:0.476706	train-mae:964.093	eval-mae:1142.81
[1748]	train-rmse:0.406378	eval-rmse:0.476708	train-mae:964.037	eval-mae:1142.82
[1749]	train-rmse:0.406361	eval-rmse:0.476708	train-mae:963.992	eval-mae:1142.81
[1750]	train-rmse:0.406327	eval-rmse:0.476706	train-mae:963.922	eval-mae:1142.81
[1751]	train-rmse:0.406317	eval-rmse:0.476706	train-mae:963.895	eval-mae:1142.81
[1752]	train-rmse:0.406303	eval-rmse:0.476707	train-mae:963.864	eval-mae:1142.81
[1753]	train-rmse:0.406283	eval-rmse:0.476707	train-mae:963.813	eval-mae:1142.82
[1754]	train-rmse:0.406268	eval-rmse:0.47671	train-mae:963.775	eval-mae:1142.82
[1755]	train-rmse:0.406265	eval-rmse:0.47671	train-mae:963.767	eval-mae:1142.82
[1756]	train-rmse:0.406255	eval-rmse:0.47671	train-mae:963.741	eval-mae:1142.83
[1757]	train-rmse:0.40625	eval-rmse:0.47671	train-mae:963.728	eval-mae:1142.83
[1758]	train-rmse:0.406229	eval-rmse:0.476706	train-mae:963.664	eval-mae:1142.82
[1759]	train-rmse:0.406215	eval-rmse:0.476706	train-mae:963.627	eval-mae:1142.82
[1760]	train-rmse:0.406204	eval-rmse:0.476706	train-mae:963.599	eval-mae:1142.82
[1761]	train-rmse:0.406192	eval-rmse:0.476706	train-mae:963.567	eval-mae:1142.82
[1762]	train-rmse:0.406159	eval-rmse:0.476705	train-mae:963.487	eval-mae:1142.81
[1763]	train-rmse:0.406124	eval-rmse:0.476706	train-mae:963.418	eval-mae:1142.81
[1764]	train-rmse:0.406112	eval-rmse:0.476705	train-mae:963.388	eval-mae:1142.8
[1765]	train-rmse:0.406102	eval-rmse:0.476705	train-mae:963.357	eval-mae:1142.8
[1766]	train-rmse:0.40609	eval-rmse:0.476706	train-mae:963.332	eval-mae:1142.81
[1767]	train-rmse:0.406083	eval-rmse:0.476706	train-mae:963.314	eval-mae:1142.81
[1768]	train-rmse:0.406047	eval-rmse:0.476702	train-mae:963.225	eval-mae:1142.8
[1769]	train-rmse:0.406017	eval-rmse:0.476701	train-mae:963.147	eval-mae:1142.8
[1770]	train-rmse:0.405998	eval-rmse:0.476702	train-mae:963.105	eval-mae:1142.8
[1771]	train-rmse:0.405972	eval-rmse:0.476702	train-mae:963.039	eval-mae:1142.8
[1772]	train-rmse:0.40595	eval-rmse:0.476703	train-mae:962.984	eval-mae:1142.8
[1773]	train-rmse:0.405915	eval-rmse:0.476706	train-mae:962.906	eval-mae:1142.8
[1774]	train-rmse:0.405897	eval-rmse:0.476705	train-mae:962.862	eval-mae:1142.81
[1775]	train-rmse:0.405872	eval-rmse:0.476708	train-mae:962.801	eval-mae:1142.82
[1776]	train-rmse:0.405849	eval-rmse:0.476707	train-mae:962.745	eval-mae:1142.8
[1777]	train-rmse:0.405831	eval-rmse:0.476709	train-mae:962.704	eval-mae:1142.8
[1778]	train-rmse:0.40581	eval-rmse:0.476707	train-mae:962.663	eval-mae:1142.8
[1779]	train-rmse:0.405799	eval-rmse:0.476708	train-mae:962.631	eval-mae:1142.8
[1780]	train-rmse:0.405785	eval-rmse:0.476709	train-mae:962.592	eval-mae:1142.8
[1781]	train-rmse:0.405772	eval-rmse:0.476707	train-mae:962.55	eval-mae:1142.79
[1782]	train-rmse:0.405757	eval-rmse:0.476708	train-mae:962.513	eval-mae:1142.79
[1783]	train-rmse:0.405705	eval-rmse:0.476702	train-mae:962.4	eval-mae:1142.77
[1784]	train-rmse:0.405686	eval-rmse:0.476704	train-mae:962.349	eval-mae:1142.78
[1785]	train-rmse:0.405663	eval-rmse:0.476703	train-mae:962.292	eval-mae:1142.78
[1786]	train-rmse:0.405641	eval-rmse:0.476703	train-mae:962.235	eval-mae:1142.78
[1787]	train-rmse:0.405622	eval-rmse:0.476705	train-mae:962.198	eval-mae:1142.78
[1788]	train-rmse:0.405609	eval-rmse:0.476703	train-mae:962.164	eval-mae:1142.77
[1789]	train-rmse:0.405582	eval-rmse:0.476698	train-mae:962.103	eval-mae:1142.76
[1790]	train-rmse:0.405561	eval-rmse:0.476697	train-mae:962.042	eval-mae:1142.77
[1791]	train-rmse:0.40556	eval-rmse:0.476697	train-mae:962.037	eval-mae:1142.76
[1792]	train-rmse:0.405539	eval-rmse:0.476697	train-mae:961.993	eval-mae:1142.77
[1793]	train-rmse:0.405531	eval-rmse:0.476697	train-mae:961.973	eval-mae:1142.77
[1794]	train-rmse:0.405519	eval-rmse:0.476697	train-mae:961.938	eval-mae:1142.77
[1795]	train-rmse:0.405494	eval-rmse:0.476692	train-mae:961.869	eval-mae:1142.75
[1796]	train-rmse:0.405482	eval-rmse:0.476694	train-mae:961.835	eval-mae:1142.76
[1797]	train-rmse:0.405452	eval-rmse:0.476693	train-mae:961.77	eval-mae:1142.75
[1798]	train-rmse:0.405435	eval-rmse:0.476692	train-mae:961.726	eval-mae:1142.75
[1799]	train-rmse:0.405414	eval-rmse:0.476691	train-mae:961.679	eval-mae:1142.74
[1800]	train-rmse:0.405393	eval-rmse:0.476693	train-mae:961.627	eval-mae:1142.75
[1801]	train-rmse:0.405373	eval-rmse:0.476694	train-mae:961.574	eval-mae:1142.75
[1802]	train-rmse:0.405345	eval-rmse:0.47669	train-mae:961.498	eval-mae:1142.73
[1803]	train-rmse:0.405334	eval-rmse:0.47669	train-mae:961.468	eval-mae:1142.73
[1804]	train-rmse:0.405326	eval-rmse:0.47669	train-mae:961.45	eval-mae:1142.73
[1805]	train-rmse:0.405319	eval-rmse:0.47669	train-mae:961.432	eval-mae:1142.73
[1806]	train-rmse:0.405309	eval-rmse:0.476692	train-mae:961.405	eval-mae:1142.73
[1807]	train-rmse:0.405304	eval-rmse:0.476692	train-mae:961.395	eval-mae:1142.73
[1808]	train-rmse:0.405294	eval-rmse:0.476691	train-mae:961.369	eval-mae:1142.73

[1809] train-rmse:0.405276 eval-rmse:0.47669 train-mae:961.327 eval-mae:1142.73  
[1810] train-rmse:0.40525 eval-rmse:0.47669 train-mae:961.264 eval-mae:1142.73  
[1811] train-rmse:0.405237 eval-rmse:0.476688 train-mae:961.229 eval-mae:1142.71  
[1812] train-rmse:0.405217 eval-rmse:0.476686 train-mae:961.178 eval-mae:1142.71  
[1813] train-rmse:0.405205 eval-rmse:0.476687 train-mae:961.151 eval-mae:1142.71  
[1814] train-rmse:0.405184 eval-rmse:0.476686 train-mae:961.1 eval-mae:1142.7  
[1815] train-rmse:0.405163 eval-rmse:0.476687 train-mae:961.042 eval-mae:1142.7  
[1816] train-rmse:0.405132 eval-rmse:0.476687 train-mae:960.979 eval-mae:1142.7  
[1817] train-rmse:0.405124 eval-rmse:0.476687 train-mae:960.954 eval-mae:1142.7  
[1818] train-rmse:0.405101 eval-rmse:0.476686 train-mae:960.901 eval-mae:1142.7  
[1819] train-rmse:0.405095 eval-rmse:0.476686 train-mae:960.887 eval-mae:1142.7  
[1820] train-rmse:0.405071 eval-rmse:0.476685 train-mae:960.836 eval-mae:1142.7  
[1821] train-rmse:0.405065 eval-rmse:0.476687 train-mae:960.82 eval-mae:1142.71  
[1822] train-rmse:0.405033 eval-rmse:0.476689 train-mae:960.735 eval-mae:1142.71  
[1823] train-rmse:0.405009 eval-rmse:0.476688 train-mae:960.677 eval-mae:1142.72  
[1824] train-rmse:0.404988 eval-rmse:0.47669 train-mae:960.621 eval-mae:1142.72  
[1825] train-rmse:0.404976 eval-rmse:0.476691 train-mae:960.589 eval-mae:1142.72  
[1826] train-rmse:0.404962 eval-rmse:0.476691 train-mae:960.552 eval-mae:1142.71  
[1827] train-rmse:0.404946 eval-rmse:0.476689 train-mae:960.51 eval-mae:1142.7  
[1828] train-rmse:0.40493 eval-rmse:0.476687 train-mae:960.465 eval-mae:1142.7  
[1829] train-rmse:0.404924 eval-rmse:0.476687 train-mae:960.453 eval-mae:1142.69  
[1830] train-rmse:0.404902 eval-rmse:0.476686 train-mae:960.398 eval-mae:1142.69  
[1831] train-rmse:0.40488 eval-rmse:0.476686 train-mae:960.337 eval-mae:1142.68  
[1832] train-rmse:0.404855 eval-rmse:0.476686 train-mae:960.271 eval-mae:1142.69  
[1833] train-rmse:0.404842 eval-rmse:0.476684 train-mae:960.237 eval-mae:1142.68  
[1834] train-rmse:0.404826 eval-rmse:0.476681 train-mae:960.195 eval-mae:1142.68  
[1835] train-rmse:0.404811 eval-rmse:0.476681 train-mae:960.151 eval-mae:1142.68  
[1836] train-rmse:0.404782 eval-rmse:0.476684 train-mae:960.087 eval-mae:1142.69  
[1837] train-rmse:0.404764 eval-rmse:0.476681 train-mae:960.034 eval-mae:1142.68  
[1838] train-rmse:0.404743 eval-rmse:0.476679 train-mae:959.976 eval-mae:1142.68  
[1839] train-rmse:0.404713 eval-rmse:0.476681 train-mae:959.903 eval-mae:1142.68  
[1840] train-rmse:0.404707 eval-rmse:0.47668 train-mae:959.889 eval-mae:1142.68  
[1841] train-rmse:0.404684 eval-rmse:0.476679 train-mae:959.831 eval-mae:1142.68  
[1842] train-rmse:0.404673 eval-rmse:0.476678 train-mae:959.807 eval-mae:1142.68  
[1843] train-rmse:0.404649 eval-rmse:0.476678 train-mae:959.733 eval-mae:1142.67  
[1844] train-rmse:0.404648 eval-rmse:0.476678 train-mae:959.731 eval-mae:1142.67  
[1845] train-rmse:0.404642 eval-rmse:0.476678 train-mae:959.716 eval-mae:1142.67  
[1846] train-rmse:0.404627 eval-rmse:0.476677 train-mae:959.68 eval-mae:1142.68  
[1847] train-rmse:0.404603 eval-rmse:0.476678 train-mae:959.625 eval-mae:1142.68  
[1848] train-rmse:0.404595 eval-rmse:0.476677 train-mae:959.608 eval-mae:1142.68  
[1849] train-rmse:0.404579 eval-rmse:0.47668 train-mae:959.57 eval-mae:1142.69  
[1850] train-rmse:0.404563 eval-rmse:0.476679 train-mae:959.524 eval-mae:1142.69  
[1851] train-rmse:0.404555 eval-rmse:0.476678 train-mae:959.497 eval-mae:1142.69  
[1852] train-rmse:0.40454 eval-rmse:0.476677 train-mae:959.454 eval-mae:1142.69  
[1853] train-rmse:0.404535 eval-rmse:0.476679 train-mae:959.441 eval-mae:1142.69  
[1854] train-rmse:0.404511 eval-rmse:0.476677 train-mae:959.378 eval-mae:1142.69  
[1855] train-rmse:0.404498 eval-rmse:0.476674 train-mae:959.346 eval-mae:1142.69  
[1856] train-rmse:0.404487 eval-rmse:0.476674 train-mae:959.319 eval-mae:1142.69  
[1857] train-rmse:0.404472 eval-rmse:0.476676 train-mae:959.283 eval-mae:1142.69  
[1858] train-rmse:0.404463 eval-rmse:0.476676 train-mae:959.259 eval-mae:1142.69  
[1859] train-rmse:0.404445 eval-rmse:0.476677 train-mae:959.219 eval-mae:1142.69  
[1860] train-rmse:0.404432 eval-rmse:0.476675 train-mae:959.191 eval-mae:1142.68  
[1861] train-rmse:0.404406 eval-rmse:0.476675 train-mae:959.126 eval-mae:1142.68  
[1862] train-rmse:0.404392 eval-rmse:0.476676 train-mae:959.089 eval-mae:1142.68  
[1863] train-rmse:0.40437 eval-rmse:0.476674 train-mae:959.028 eval-mae:1142.67  
[1864] train-rmse:0.404361 eval-rmse:0.476674 train-mae:958.997 eval-mae:1142.66  
[1865] train-rmse:0.40435 eval-rmse:0.476673 train-mae:958.965 eval-mae:1142.65  
[1866] train-rmse:0.404332 eval-rmse:0.476674 train-mae:958.924 eval-mae:1142.65  
[1867] train-rmse:0.404304 eval-rmse:0.476674 train-mae:958.859 eval-mae:1142.64  
[1868] train-rmse:0.404294 eval-rmse:0.476674 train-mae:958.835 eval-mae:1142.65  
[1869] train-rmse:0.404269 eval-rmse:0.476671 train-mae:958.755 eval-mae:1142.63  
[1870] train-rmse:0.404249 eval-rmse:0.47667 train-mae:958.705 eval-mae:1142.63  
[1871] train-rmse:0.404209 eval-rmse:0.47667 train-mae:958.618 eval-mae:1142.63  
[1872] train-rmse:0.404197 eval-rmse:0.476669 train-mae:958.59 eval-mae:1142.63  
[1873] train-rmse:0.40418 eval-rmse:0.47667 train-mae:958.556 eval-mae:1142.64  
[1874] train-rmse:0.404176 eval-rmse:0.476671 train-mae:958.545 eval-mae:1142.64  
[1875] train-rmse:0.404156 eval-rmse:0.476672 train-mae:958.494 eval-mae:1142.64  
[1876] train-rmse:0.404148 eval-rmse:0.476673 train-mae:958.48 eval-mae:1142.64  
[1877] train-rmse:0.404135 eval-rmse:0.476675 train-mae:958.441 eval-mae:1142.65  
[1878] train-rmse:0.404114 eval-rmse:0.476674 train-mae:958.384 eval-mae:1142.64  
[1879] train-rmse:0.404098 eval-rmse:0.476675 train-mae:958.338 eval-mae:1142.65  
[1880] train-rmse:0.404082 eval-rmse:0.476676 train-mae:958.295 eval-mae:1142.64

[1881]	train-rmse:0.404063	eval-rmse:0.476677	train-mae:958.248	eval-mae:1142.65
[1882]	train-rmse:0.404025	eval-rmse:0.476678	train-mae:958.158	eval-mae:1142.64
[1883]	train-rmse:0.404013	eval-rmse:0.476678	train-mae:958.112	eval-mae:1142.65
[1884]	train-rmse:0.403989	eval-rmse:0.476678	train-mae:958.058	eval-mae:1142.64
[1885]	train-rmse:0.40397	eval-rmse:0.476677	train-mae:958	eval-mae:1142.64
[1886]	train-rmse:0.403955	eval-rmse:0.476677	train-mae:957.956	eval-mae:1142.63
[1887]	train-rmse:0.403932	eval-rmse:0.476674	train-mae:957.902	eval-mae:1142.63
[1888]	train-rmse:0.403909	eval-rmse:0.476675	train-mae:957.851	eval-mae:1142.64
[1889]	train-rmse:0.403893	eval-rmse:0.476675	train-mae:957.816	eval-mae:1142.63
[1890]	train-rmse:0.403887	eval-rmse:0.476674	train-mae:957.8	eval-mae:1142.63
[1891]	train-rmse:0.403878	eval-rmse:0.476675	train-mae:957.78	eval-mae:1142.63
[1892]	train-rmse:0.403856	eval-rmse:0.476675	train-mae:957.724	eval-mae:1142.62
[1893]	train-rmse:0.403831	eval-rmse:0.476677	train-mae:957.676	eval-mae:1142.63
[1894]	train-rmse:0.403803	eval-rmse:0.476674	train-mae:957.594	eval-mae:1142.62
[1895]	train-rmse:0.403795	eval-rmse:0.476673	train-mae:957.579	eval-mae:1142.62
[1896]	train-rmse:0.403769	eval-rmse:0.476675	train-mae:957.519	eval-mae:1142.63
[1897]	train-rmse:0.403765	eval-rmse:0.476675	train-mae:957.509	eval-mae:1142.63
[1898]	train-rmse:0.403753	eval-rmse:0.476675	train-mae:957.474	eval-mae:1142.62
[1899]	train-rmse:0.403741	eval-rmse:0.476675	train-mae:957.448	eval-mae:1142.62
[1900]	train-rmse:0.403735	eval-rmse:0.476676	train-mae:957.43	eval-mae:1142.62
[1901]	train-rmse:0.403716	eval-rmse:0.476677	train-mae:957.387	eval-mae:1142.62
[1902]	train-rmse:0.403701	eval-rmse:0.476679	train-mae:957.347	eval-mae:1142.63
[1903]	train-rmse:0.403687	eval-rmse:0.476679	train-mae:957.314	eval-mae:1142.63
[1904]	train-rmse:0.403684	eval-rmse:0.476679	train-mae:957.308	eval-mae:1142.63
[1905]	train-rmse:0.403668	eval-rmse:0.476676	train-mae:957.266	eval-mae:1142.62
[1906]	train-rmse:0.403641	eval-rmse:0.476676	train-mae:957.209	eval-mae:1142.62
[1907]	train-rmse:0.403627	eval-rmse:0.476677	train-mae:957.177	eval-mae:1142.62
[1908]	train-rmse:0.403619	eval-rmse:0.476677	train-mae:957.157	eval-mae:1142.62
[1909]	train-rmse:0.403616	eval-rmse:0.476677	train-mae:957.153	eval-mae:1142.62
[1910]	train-rmse:0.403606	eval-rmse:0.476676	train-mae:957.127	eval-mae:1142.61
[1911]	train-rmse:0.403592	eval-rmse:0.476673	train-mae:957.09	eval-mae:1142.61
[1912]	train-rmse:0.403579	eval-rmse:0.476674	train-mae:957.06	eval-mae:1142.61
[1913]	train-rmse:0.403567	eval-rmse:0.476675	train-mae:957.027	eval-mae:1142.61
[1914]	train-rmse:0.403533	eval-rmse:0.476673	train-mae:956.953	eval-mae:1142.61
[1915]	train-rmse:0.403516	eval-rmse:0.476672	train-mae:956.901	eval-mae:1142.6
[1916]	train-rmse:0.40351	eval-rmse:0.476672	train-mae:956.884	eval-mae:1142.6
[1917]	train-rmse:0.403497	eval-rmse:0.476675	train-mae:956.855	eval-mae:1142.61
[1918]	train-rmse:0.403486	eval-rmse:0.476674	train-mae:956.826	eval-mae:1142.6
[1919]	train-rmse:0.403467	eval-rmse:0.476674	train-mae:956.775	eval-mae:1142.6
[1920]	train-rmse:0.403452	eval-rmse:0.476676	train-mae:956.737	eval-mae:1142.6
[1921]	train-rmse:0.403439	eval-rmse:0.476675	train-mae:956.694	eval-mae:1142.59
[1922]	train-rmse:0.40342	eval-rmse:0.476674	train-mae:956.64	eval-mae:1142.58
[1923]	train-rmse:0.403407	eval-rmse:0.476676	train-mae:956.606	eval-mae:1142.59
[1924]	train-rmse:0.40339	eval-rmse:0.476676	train-mae:956.559	eval-mae:1142.59
[1925]	train-rmse:0.403378	eval-rmse:0.476678	train-mae:956.532	eval-mae:1142.6
[1926]	train-rmse:0.403364	eval-rmse:0.476679	train-mae:956.501	eval-mae:1142.6
[1927]	train-rmse:0.403355	eval-rmse:0.47668	train-mae:956.482	eval-mae:1142.61
[1928]	train-rmse:0.403325	eval-rmse:0.476679	train-mae:956.396	eval-mae:1142.6
[1929]	train-rmse:0.403317	eval-rmse:0.476677	train-mae:956.374	eval-mae:1142.6
[1930]	train-rmse:0.403296	eval-rmse:0.476676	train-mae:956.319	eval-mae:1142.59
[1931]	train-rmse:0.403289	eval-rmse:0.476676	train-mae:956.291	eval-mae:1142.58
[1932]	train-rmse:0.403269	eval-rmse:0.476675	train-mae:956.239	eval-mae:1142.58
[1933]	train-rmse:0.403257	eval-rmse:0.476674	train-mae:956.211	eval-mae:1142.58
[1934]	train-rmse:0.403243	eval-rmse:0.476675	train-mae:956.176	eval-mae:1142.58
[1935]	train-rmse:0.403236	eval-rmse:0.476673	train-mae:956.16	eval-mae:1142.58
[1936]	train-rmse:0.403223	eval-rmse:0.476673	train-mae:956.128	eval-mae:1142.58
[1937]	train-rmse:0.403214	eval-rmse:0.476672	train-mae:956.109	eval-mae:1142.57
[1938]	train-rmse:0.403209	eval-rmse:0.476671	train-mae:956.098	eval-mae:1142.57
[1939]	train-rmse:0.403187	eval-rmse:0.476672	train-mae:956.054	eval-mae:1142.57
[1940]	train-rmse:0.403175	eval-rmse:0.476673	train-mae:956.026	eval-mae:1142.58
[1941]	train-rmse:0.403156	eval-rmse:0.476673	train-mae:955.973	eval-mae:1142.57
[1942]	train-rmse:0.403143	eval-rmse:0.476671	train-mae:955.941	eval-mae:1142.57
[1943]	train-rmse:0.403125	eval-rmse:0.476668	train-mae:955.889	eval-mae:1142.56
[1944]	train-rmse:0.403102	eval-rmse:0.476669	train-mae:955.83	eval-mae:1142.56
[1945]	train-rmse:0.403096	eval-rmse:0.47667	train-mae:955.815	eval-mae:1142.56
[1946]	train-rmse:0.403083	eval-rmse:0.476668	train-mae:955.784	eval-mae:1142.56
[1947]	train-rmse:0.403064	eval-rmse:0.476666	train-mae:955.735	eval-mae:1142.56
[1948]	train-rmse:0.403051	eval-rmse:0.476664	train-mae:955.703	eval-mae:1142.55
[1949]	train-rmse:0.403048	eval-rmse:0.476665	train-mae:955.697	eval-mae:1142.55
[1950]	train-rmse:0.403044	eval-rmse:0.476666	train-mae:955.684	eval-mae:1142.55
[1951]	train-rmse:0.403033	eval-rmse:0.476667	train-mae:955.655	eval-mae:1142.55
[1952]	train-rmse:0.403017	eval-rmse:0.476667	train-mae:955.621	eval-mae:1142.55

[1953] train-rmse:0.403004 eval-rmse:0.476667 train-mae:955.581 eval-mae:1142.55  
[1954] train-rmse:0.402981 eval-rmse:0.476667 train-mae:955.529 eval-mae:1142.54  
[1955] train-rmse:0.402968 eval-rmse:0.476664 train-mae:955.486 eval-mae:1142.53  
[1956] train-rmse:0.402939 eval-rmse:0.476665 train-mae:955.426 eval-mae:1142.53  
[1957] train-rmse:0.402926 eval-rmse:0.476665 train-mae:955.391 eval-mae:1142.53  
[1958] train-rmse:0.4029 eval-rmse:0.476665 train-mae:955.338 eval-mae:1142.53  
[1959] train-rmse:0.402876 eval-rmse:0.476665 train-mae:955.28 eval-mae:1142.53  
[1960] train-rmse:0.40287 eval-rmse:0.476665 train-mae:955.267 eval-mae:1142.53  
[1961] train-rmse:0.402858 eval-rmse:0.476665 train-mae:955.232 eval-mae:1142.52  
[1962] train-rmse:0.402837 eval-rmse:0.476667 train-mae:955.181 eval-mae:1142.51  
[1963] train-rmse:0.402821 eval-rmse:0.476665 train-mae:955.139 eval-mae:1142.51  
[1964] train-rmse:0.402808 eval-rmse:0.476664 train-mae:955.105 eval-mae:1142.51  
[1965] train-rmse:0.402787 eval-rmse:0.476661 train-mae:955.058 eval-mae:1142.5  
[1966] train-rmse:0.40277 eval-rmse:0.476663 train-mae:955.012 eval-mae:1142.5  
[1967] train-rmse:0.402746 eval-rmse:0.476663 train-mae:954.947 eval-mae:1142.51  
[1968] train-rmse:0.40273 eval-rmse:0.476664 train-mae:954.908 eval-mae:1142.51  
[1969] train-rmse:0.402722 eval-rmse:0.476663 train-mae:954.882 eval-mae:1142.51  
[1970] train-rmse:0.402708 eval-rmse:0.476663 train-mae:954.837 eval-mae:1142.5  
[1971] train-rmse:0.402689 eval-rmse:0.47666 train-mae:954.78 eval-mae:1142.5  
[1972] train-rmse:0.402681 eval-rmse:0.476661 train-mae:954.76 eval-mae:1142.5  
[1973] train-rmse:0.402671 eval-rmse:0.47666 train-mae:954.735 eval-mae:1142.49  
[1974] train-rmse:0.402667 eval-rmse:0.476659 train-mae:954.722 eval-mae:1142.49  
[1975] train-rmse:0.402643 eval-rmse:0.476658 train-mae:954.657 eval-mae:1142.49  
[1976] train-rmse:0.402636 eval-rmse:0.476659 train-mae:954.638 eval-mae:1142.49  
[1977] train-rmse:0.40262 eval-rmse:0.476658 train-mae:954.603 eval-mae:1142.49  
[1978] train-rmse:0.402614 eval-rmse:0.476659 train-mae:954.586 eval-mae:1142.49  
[1979] train-rmse:0.402606 eval-rmse:0.476659 train-mae:954.561 eval-mae:1142.49  
[1980] train-rmse:0.402601 eval-rmse:0.476657 train-mae:954.55 eval-mae:1142.48  
[1981] train-rmse:0.402576 eval-rmse:0.476657 train-mae:954.494 eval-mae:1142.48  
[1982] train-rmse:0.402565 eval-rmse:0.476655 train-mae:954.457 eval-mae:1142.47  
[1983] train-rmse:0.402549 eval-rmse:0.476656 train-mae:954.419 eval-mae:1142.48  
[1984] train-rmse:0.402533 eval-rmse:0.476657 train-mae:954.387 eval-mae:1142.48  
[1985] train-rmse:0.402517 eval-rmse:0.476656 train-mae:954.343 eval-mae:1142.48  
[1986] train-rmse:0.402498 eval-rmse:0.476656 train-mae:954.301 eval-mae:1142.48  
[1987] train-rmse:0.40249 eval-rmse:0.476653 train-mae:954.282 eval-mae:1142.47  
[1988] train-rmse:0.402473 eval-rmse:0.476654 train-mae:954.229 eval-mae:1142.47  
[1989] train-rmse:0.402465 eval-rmse:0.476654 train-mae:954.212 eval-mae:1142.47  
[1990] train-rmse:0.402449 eval-rmse:0.476653 train-mae:954.178 eval-mae:1142.47  
[1991] train-rmse:0.402429 eval-rmse:0.476655 train-mae:954.138 eval-mae:1142.48  
[1992] train-rmse:0.402418 eval-rmse:0.476656 train-mae:954.111 eval-mae:1142.48  
[1993] train-rmse:0.402396 eval-rmse:0.476651 train-mae:954.066 eval-mae:1142.47  
[1994] train-rmse:0.402385 eval-rmse:0.476651 train-mae:954.029 eval-mae:1142.46  
[1995] train-rmse:0.402369 eval-rmse:0.476652 train-mae:953.987 eval-mae:1142.46  
[1996] train-rmse:0.402349 eval-rmse:0.476652 train-mae:953.942 eval-mae:1142.45  
[1997] train-rmse:0.402342 eval-rmse:0.476652 train-mae:953.925 eval-mae:1142.44  
[1998] train-rmse:0.402324 eval-rmse:0.476653 train-mae:953.883 eval-mae:1142.44  
[1999] train-rmse:0.402319 eval-rmse:0.476653 train-mae:953.874 eval-mae:1142.44  
[0] train-rmse:7.26351 eval-rmse:7.26355 train-mae:3238.03 eval-mae:3230.62  
Multiple eval metrics have been passed: 'eval-mae' will be used for early stopping.

Will train until eval-mae hasn't improved in 100 rounds.

[1] train-rmse:7.19135 eval-rmse:7.19137 train-mae:3237.9 eval-mae:3230.49  
[2] train-rmse:7.1199 eval-rmse:7.11992 train-mae:3237.76 eval-mae:3230.35  
[3] train-rmse:7.0492 eval-rmse:7.04923 train-mae:3237.61 eval-mae:3230.2  
[4] train-rmse:6.97918 eval-rmse:6.97921 train-mae:3237.45 eval-mae:3230.04  
[5] train-rmse:6.90987 eval-rmse:6.90989 train-mae:3237.28 eval-mae:3229.87  
[6] train-rmse:6.84124 eval-rmse:6.84124 train-mae:3237.1 eval-mae:3229.69  
[7] train-rmse:6.77337 eval-rmse:6.77338 train-mae:3236.91 eval-mae:3229.5  
[8] train-rmse:6.70617 eval-rmse:6.70618 train-mae:3236.71 eval-mae:3229.3  
[9] train-rmse:6.63964 eval-rmse:6.63965 train-mae:3236.49 eval-mae:3229.08  
[10] train-rmse:6.57374 eval-rmse:6.57376 train-mae:3236.27 eval-mae:3228.86  
[11] train-rmse:6.50853 eval-rmse:6.50853 train-mae:3236.03 eval-mae:3228.62  
[12] train-rmse:6.44396 eval-rmse:6.44397 train-mae:3235.77 eval-mae:3228.36  
[13] train-rmse:6.38007 eval-rmse:6.38008 train-mae:3235.5 eval-mae:3228.09  
[14] train-rmse:6.31678 eval-rmse:6.3168 train-mae:3235.22 eval-mae:3227.81  
[15] train-rmse:6.25416 eval-rmse:6.25418 train-mae:3234.92 eval-mae:3227.51  
[16] train-rmse:6.19215 eval-rmse:6.19217 train-mae:3234.61 eval-mae:3227.2  
[17] train-rmse:6.13076 eval-rmse:6.13078 train-mae:3234.28 eval-mae:3226.87  
[18] train-rmse:6.07001 eval-rmse:6.07003 train-mae:3233.93 eval-mae:3226.52  
[19] train-rmse:6.00985 eval-rmse:6.00986 train-mae:3233.56 eval-mae:3226.15  
[20] train-rmse:5.95031 eval-rmse:5.95033 train-mae:3233.18 eval-mae:3225.77  
[21] train-rmse:5.89135 eval-rmse:5.89137 train-mae:3232.77 eval-mae:3225.36



[22] train-rmse:5.83302 eval-rmse:5.83304 train-mae:3232.35 eval-mae:3224.94  
[23] train-rmse:5.7753 eval-rmse:5.77533 train-mae:3231.9 eval-mae:3224.49  
[24] train-rmse:5.71812 eval-rmse:5.71815 train-mae:3231.43 eval-mae:3224.02  
[25] train-rmse:5.66149 eval-rmse:5.66151 train-mae:3230.94 eval-mae:3223.53  
[26] train-rmse:5.60549 eval-rmse:5.60552 train-mae:3230.42 eval-mae:3223.01  
[27] train-rmse:5.55002 eval-rmse:5.55007 train-mae:3229.88 eval-mae:3222.47  
[28] train-rmse:5.4951 eval-rmse:5.49513 train-mae:3229.32 eval-mae:3221.91  
[29] train-rmse:5.44075 eval-rmse:5.44079 train-mae:3228.73 eval-mae:3221.32  
[30] train-rmse:5.38692 eval-rmse:5.38696 train-mae:3228.11 eval-mae:3220.7  
[31] train-rmse:5.33364 eval-rmse:5.33367 train-mae:3227.46 eval-mae:3220.05  
[32] train-rmse:5.2809 eval-rmse:5.28093 train-mae:3226.78 eval-mae:3219.37  
[33] train-rmse:5.2287 eval-rmse:5.22874 train-mae:3226.08 eval-mae:3218.67  
[34] train-rmse:5.17703 eval-rmse:5.17708 train-mae:3225.34 eval-mae:3217.93  
[35] train-rmse:5.12587 eval-rmse:5.12594 train-mae:3224.57 eval-mae:3217.16  
[36] train-rmse:5.07522 eval-rmse:5.07528 train-mae:3223.77 eval-mae:3216.36  
[37] train-rmse:5.02509 eval-rmse:5.02514 train-mae:3222.94 eval-mae:3215.53  
[38] train-rmse:4.97549 eval-rmse:4.97556 train-mae:3222.07 eval-mae:3214.66  
[39] train-rmse:4.92639 eval-rmse:4.92645 train-mae:3221.17 eval-mae:3213.76  
[40] train-rmse:4.87777 eval-rmse:4.87783 train-mae:3220.22 eval-mae:3212.82  
[41] train-rmse:4.82961 eval-rmse:4.82968 train-mae:3219.25 eval-mae:3211.84  
[42] train-rmse:4.78197 eval-rmse:4.78203 train-mae:3218.23 eval-mae:3210.82  
[43] train-rmse:4.73482 eval-rmse:4.73487 train-mae:3217.17 eval-mae:3209.76  
[44] train-rmse:4.68815 eval-rmse:4.68821 train-mae:3216.08 eval-mae:3208.67  
[45] train-rmse:4.64193 eval-rmse:4.64201 train-mae:3214.94 eval-mae:3207.53  
[46] train-rmse:4.59618 eval-rmse:4.59626 train-mae:3213.76 eval-mae:3206.35  
[47] train-rmse:4.55087 eval-rmse:4.55097 train-mae:3212.53 eval-mae:3205.12  
[48] train-rmse:4.5061 eval-rmse:4.50621 train-mae:3211.26 eval-mae:3203.86  
[49] train-rmse:4.46171 eval-rmse:4.46182 train-mae:3209.95 eval-mae:3202.54  
[50] train-rmse:4.41779 eval-rmse:4.41791 train-mae:3208.58 eval-mae:3201.18  
[51] train-rmse:4.3743 eval-rmse:4.37441 train-mae:3207.17 eval-mae:3199.77  
[52] train-rmse:4.33126 eval-rmse:4.33137 train-mae:3205.71 eval-mae:3198.31  
[53] train-rmse:4.28866 eval-rmse:4.28878 train-mae:3204.2 eval-mae:3196.8  
[54] train-rmse:4.24649 eval-rmse:4.24663 train-mae:3202.64 eval-mae:3195.24  
[55] train-rmse:4.20476 eval-rmse:4.20489 train-mae:3201.03 eval-mae:3193.63  
[56] train-rmse:4.16342 eval-rmse:4.16355 train-mae:3199.36 eval-mae:3191.96  
[57] train-rmse:4.12253 eval-rmse:4.12266 train-mae:3197.64 eval-mae:3190.24  
[58] train-rmse:4.08203 eval-rmse:4.08217 train-mae:3195.87 eval-mae:3188.47  
[59] train-rmse:4.04194 eval-rmse:4.04209 train-mae:3194.04 eval-mae:3186.64  
[60] train-rmse:4.0023 eval-rmse:4.00246 train-mae:3192.15 eval-mae:3184.75  
[61] train-rmse:3.96301 eval-rmse:3.96316 train-mae:3190.2 eval-mae:3182.8  
[62] train-rmse:3.92415 eval-rmse:3.9243 train-mae:3188.2 eval-mae:3180.8  
[63] train-rmse:3.88567 eval-rmse:3.88584 train-mae:3186.13 eval-mae:3178.74  
[64] train-rmse:3.84759 eval-rmse:3.84776 train-mae:3184.01 eval-mae:3176.61  
[65] train-rmse:3.80986 eval-rmse:3.81003 train-mae:3181.81 eval-mae:3174.42  
[66] train-rmse:3.77254 eval-rmse:3.77271 train-mae:3179.56 eval-mae:3172.17  
[67] train-rmse:3.7356 eval-rmse:3.73578 train-mae:3177.24 eval-mae:3169.85  
[68] train-rmse:3.69904 eval-rmse:3.69924 train-mae:3174.86 eval-mae:3167.47  
[69] train-rmse:3.66285 eval-rmse:3.66305 train-mae:3172.41 eval-mae:3165.02  
[70] train-rmse:3.62703 eval-rmse:3.62723 train-mae:3169.89 eval-mae:3162.51  
[71] train-rmse:3.59157 eval-rmse:3.59178 train-mae:3167.31 eval-mae:3159.92  
[72] train-rmse:3.55651 eval-rmse:3.55672 train-mae:3164.67 eval-mae:3157.28  
[73] train-rmse:3.52176 eval-rmse:3.52198 train-mae:3161.94 eval-mae:3154.56  
[74] train-rmse:3.48734 eval-rmse:3.48757 train-mae:3159.15 eval-mae:3151.77  
[75] train-rmse:3.4533 eval-rmse:3.45353 train-mae:3156.28 eval-mae:3148.9  
[76] train-rmse:3.4196 eval-rmse:3.41982 train-mae:3153.34 eval-mae:3145.97  
[77] train-rmse:3.38625 eval-rmse:3.38648 train-mae:3150.33 eval-mae:3142.96  
[78] train-rmse:3.35324 eval-rmse:3.35349 train-mae:3147.25 eval-mae:3139.88  
[79] train-rmse:3.32057 eval-rmse:3.32083 train-mae:3144.09 eval-mae:3136.72  
[80] train-rmse:3.28825 eval-rmse:3.2885 train-mae:3140.86 eval-mae:3133.49  
[81] train-rmse:3.25623 eval-rmse:3.25648 train-mae:3137.55 eval-mae:3130.18  
[82] train-rmse:3.22456 eval-rmse:3.22481 train-mae:3134.17 eval-mae:3126.81  
[83] train-rmse:3.19322 eval-rmse:3.19346 train-mae:3130.71 eval-mae:3123.35  
[84] train-rmse:3.1622 eval-rmse:3.16244 train-mae:3127.18 eval-mae:3119.81  
[85] train-rmse:3.13149 eval-rmse:3.13175 train-mae:3123.57 eval-mae:3116.21  
[86] train-rmse:3.10109 eval-rmse:3.10136 train-mae:3119.87 eval-mae:3112.51  
[87] train-rmse:3.07099 eval-rmse:3.07128 train-mae:3116.09 eval-mae:3108.74  
[88] train-rmse:3.0412 eval-rmse:3.04148 train-mae:3112.23 eval-mae:3104.88  
[89] train-rmse:3.01172 eval-rmse:3.01201 train-mae:3108.3 eval-mae:3100.95  
[90] train-rmse:2.98253 eval-rmse:2.98284 train-mae:3104.27 eval-mae:3096.93  
[91] train-rmse:2.95366 eval-rmse:2.95398 train-mae:3100.17 eval-mae:3092.83  
[92] train-rmse:2.92508 eval-rmse:2.9254 train-mae:3096 eval-mae:3088.66  
[93] train-rmse:2.89679 eval-rmse:2.89711 train-mae:3091.73 eval-mae:3084.39

[94] train-rmse:2.8688 eval-rmse:2.86912 train-mae:3087.39 eval-mae:3080.06  
[95] train-rmse:2.8411 eval-rmse:2.84143 train-mae:3082.97 eval-mae:3075.64  
[96] train-rmse:2.81367 eval-rmse:2.81402 train-mae:3078.45 eval-mae:3071.13  
[97] train-rmse:2.78651 eval-rmse:2.78687 train-mae:3073.84 eval-mae:3066.52  
[98] train-rmse:2.75968 eval-rmse:2.76005 train-mae:3069.17 eval-mae:3061.86  
[99] train-rmse:2.73311 eval-rmse:2.73348 train-mae:3064.42 eval-mae:3057.1  
[100] train-rmse:2.70681 eval-rmse:2.7072 train-mae:3059.57 eval-mae:3052.26  
[101] train-rmse:2.68078 eval-rmse:2.68118 train-mae:3054.64 eval-mae:3047.34  
[102] train-rmse:2.65503 eval-rmse:2.65544 train-mae:3049.64 eval-mae:3042.34  
[103] train-rmse:2.62952 eval-rmse:2.62994 train-mae:3044.53 eval-mae:3037.24  
[104] train-rmse:2.60427 eval-rmse:2.6047 train-mae:3039.34 eval-mae:3032.05  
[105] train-rmse:2.57929 eval-rmse:2.57972 train-mae:3034.06 eval-mae:3026.77  
[106] train-rmse:2.55457 eval-rmse:2.55501 train-mae:3028.71 eval-mae:3021.43  
[107] train-rmse:2.53014 eval-rmse:2.53058 train-mae:3023.29 eval-mae:3016.02  
[108] train-rmse:2.50592 eval-rmse:2.50638 train-mae:3017.75 eval-mae:3010.49  
[109] train-rmse:2.48196 eval-rmse:2.48244 train-mae:3012.14 eval-mae:3004.88  
[110] train-rmse:2.45825 eval-rmse:2.45872 train-mae:3006.43 eval-mae:2999.18  
[111] train-rmse:2.4348 eval-rmse:2.43529 train-mae:3000.67 eval-mae:2993.42  
[112] train-rmse:2.41159 eval-rmse:2.41209 train-mae:2994.81 eval-mae:2987.57  
[113] train-rmse:2.38861 eval-rmse:2.38912 train-mae:2988.86 eval-mae:2981.63  
[114] train-rmse:2.36586 eval-rmse:2.36637 train-mae:2982.83 eval-mae:2975.6  
[115] train-rmse:2.34336 eval-rmse:2.34389 train-mae:2976.72 eval-mae:2969.5  
[116] train-rmse:2.32111 eval-rmse:2.32165 train-mae:2970.53 eval-mae:2963.32  
[117] train-rmse:2.29908 eval-rmse:2.29963 train-mae:2964.25 eval-mae:2957.04  
[118] train-rmse:2.27726 eval-rmse:2.27781 train-mae:2957.88 eval-mae:2950.68  
[119] train-rmse:2.25567 eval-rmse:2.25622 train-mae:2951.42 eval-mae:2944.23  
[120] train-rmse:2.23432 eval-rmse:2.23489 train-mae:2944.9 eval-mae:2937.71  
[121] train-rmse:2.21319 eval-rmse:2.21377 train-mae:2938.29 eval-mae:2931.11  
[122] train-rmse:2.19229 eval-rmse:2.19289 train-mae:2931.61 eval-mae:2924.44  
[123] train-rmse:2.17161 eval-rmse:2.17222 train-mae:2924.87 eval-mae:2917.7  
[124] train-rmse:2.15116 eval-rmse:2.15178 train-mae:2918.05 eval-mae:2910.89  
[125] train-rmse:2.13091 eval-rmse:2.13155 train-mae:2911.12 eval-mae:2903.98  
[126] train-rmse:2.11087 eval-rmse:2.11151 train-mae:2904.11 eval-mae:2896.97  
[127] train-rmse:2.09105 eval-rmse:2.09171 train-mae:2897.06 eval-mae:2889.93  
[128] train-rmse:2.07142 eval-rmse:2.07208 train-mae:2889.89 eval-mae:2882.77  
[129] train-rmse:2.052 eval-rmse:2.05266 train-mae:2882.65 eval-mae:2875.53  
[130] train-rmse:2.03279 eval-rmse:2.03345 train-mae:2875.34 eval-mae:2868.23  
[131] train-rmse:2.01378 eval-rmse:2.01446 train-mae:2867.98 eval-mae:2860.88  
[132] train-rmse:1.995 eval-rmse:1.99569 train-mae:2860.55 eval-mae:2853.46  
[133] train-rmse:1.97638 eval-rmse:1.97708 train-mae:2853 eval-mae:2845.92  
[134] train-rmse:1.95796 eval-rmse:1.95867 train-mae:2845.39 eval-mae:2838.31  
[135] train-rmse:1.93974 eval-rmse:1.94046 train-mae:2837.72 eval-mae:2830.66  
[136] train-rmse:1.92171 eval-rmse:1.92245 train-mae:2829.96 eval-mae:2822.91  
[137] train-rmse:1.90387 eval-rmse:1.90463 train-mae:2822.12 eval-mae:2815.09  
[138] train-rmse:1.88623 eval-rmse:1.88701 train-mae:2814.24 eval-mae:2807.23  
[139] train-rmse:1.86877 eval-rmse:1.86957 train-mae:2806.29 eval-mae:2799.3  
[140] train-rmse:1.85153 eval-rmse:1.85235 train-mae:2798.3 eval-mae:2791.33  
[141] train-rmse:1.83445 eval-rmse:1.83528 train-mae:2790.22 eval-mae:2783.26  
[142] train-rmse:1.81756 eval-rmse:1.81841 train-mae:2782.09 eval-mae:2775.16  
[143] train-rmse:1.80083 eval-rmse:1.8017 train-mae:2773.87 eval-mae:2766.96  
[144] train-rmse:1.78432 eval-rmse:1.78521 train-mae:2765.64 eval-mae:2758.76  
[145] train-rmse:1.76796 eval-rmse:1.76886 train-mae:2757.29 eval-mae:2750.43  
[146] train-rmse:1.75176 eval-rmse:1.75267 train-mae:2748.89 eval-mae:2742.05  
[147] train-rmse:1.73575 eval-rmse:1.73667 train-mae:2740.42 eval-mae:2733.61  
[148] train-rmse:1.71991 eval-rmse:1.72086 train-mae:2731.92 eval-mae:2725.14  
[149] train-rmse:1.70426 eval-rmse:1.70522 train-mae:2723.36 eval-mae:2716.6  
[150] train-rmse:1.68875 eval-rmse:1.68973 train-mae:2714.69 eval-mae:2707.96  
[151] train-rmse:1.6734 eval-rmse:1.67439 train-mae:2706 eval-mae:2699.29  
[152] train-rmse:1.65822 eval-rmse:1.65923 train-mae:2697.23 eval-mae:2690.54  
[153] train-rmse:1.6432 eval-rmse:1.64423 train-mae:2688.43 eval-mae:2681.77  
[154] train-rmse:1.62835 eval-rmse:1.6294 train-mae:2679.55 eval-mae:2672.92  
[155] train-rmse:1.61366 eval-rmse:1.61472 train-mae:2670.65 eval-mae:2664.04  
[156] train-rmse:1.59914 eval-rmse:1.60023 train-mae:2661.7 eval-mae:2655.12  
[157] train-rmse:1.58478 eval-rmse:1.58589 train-mae:2652.7 eval-mae:2646.16  
[158] train-rmse:1.57056 eval-rmse:1.5717 train-mae:2643.68 eval-mae:2637.17  
[159] train-rmse:1.55651 eval-rmse:1.55767 train-mae:2634.57 eval-mae:2628.09  
[160] train-rmse:1.54262 eval-rmse:1.54381 train-mae:2625.44 eval-mae:2618.99  
[161] train-rmse:1.52887 eval-rmse:1.53008 train-mae:2616.27 eval-mae:2609.85  
[162] train-rmse:1.51527 eval-rmse:1.51651 train-mae:2607.04 eval-mae:2600.66  
[163] train-rmse:1.50182 eval-rmse:1.50308 train-mae:2597.76 eval-mae:2591.42  
[164] train-rmse:1.4885 eval-rmse:1.48979 train-mae:2588.44 eval-mae:2582.16  
[165] train-rmse:1.47532 eval-rmse:1.47665 train-mae:2579.06 eval-mae:2572.82

[166] train-rmse:1.46231 eval-rmse:1.46367 train-mae:2569.68 eval-mae:2563.49  
[167] train-rmse:1.44945 eval-rmse:1.45084 train-mae:2560.3 eval-mae:2554.16  
[168] train-rmse:1.43672 eval-rmse:1.43813 train-mae:2550.88 eval-mae:2544.8  
[169] train-rmse:1.42414 eval-rmse:1.42557 train-mae:2541.42 eval-mae:2535.38  
[170] train-rmse:1.41169 eval-rmse:1.41316 train-mae:2531.87 eval-mae:2525.91  
[171] train-rmse:1.39937 eval-rmse:1.40088 train-mae:2522.3 eval-mae:2516.39  
[172] train-rmse:1.38718 eval-rmse:1.38872 train-mae:2512.68 eval-mae:2506.84  
[173] train-rmse:1.37514 eval-rmse:1.37671 train-mae:2503.08 eval-mae:2497.3  
[174] train-rmse:1.36323 eval-rmse:1.36483 train-mae:2493.44 eval-mae:2487.72  
[175] train-rmse:1.35147 eval-rmse:1.35308 train-mae:2483.8 eval-mae:2478.13  
[176] train-rmse:1.33982 eval-rmse:1.34146 train-mae:2474.08 eval-mae:2468.49  
[177] train-rmse:1.3283 eval-rmse:1.32998 train-mae:2464.35 eval-mae:2458.81  
[178] train-rmse:1.31693 eval-rmse:1.31865 train-mae:2454.62 eval-mae:2449.15  
[179] train-rmse:1.30568 eval-rmse:1.30743 train-mae:2444.89 eval-mae:2439.48  
[180] train-rmse:1.29454 eval-rmse:1.29632 train-mae:2435.1 eval-mae:2429.75  
[181] train-rmse:1.28355 eval-rmse:1.28537 train-mae:2425.31 eval-mae:2420.02  
[182] train-rmse:1.27269 eval-rmse:1.27453 train-mae:2415.53 eval-mae:2410.29  
[183] train-rmse:1.26196 eval-rmse:1.26383 train-mae:2405.8 eval-mae:2400.61  
[184] train-rmse:1.25134 eval-rmse:1.25324 train-mae:2395.97 eval-mae:2390.84  
[185] train-rmse:1.24083 eval-rmse:1.24279 train-mae:2386.13 eval-mae:2381.08  
[186] train-rmse:1.23044 eval-rmse:1.23243 train-mae:2376.25 eval-mae:2371.26  
[187] train-rmse:1.22017 eval-rmse:1.2222 train-mae:2366.4 eval-mae:2361.48  
[188] train-rmse:1.21002 eval-rmse:1.21209 train-mae:2356.54 eval-mae:2351.68  
[189] train-rmse:1.19999 eval-rmse:1.20209 train-mae:2346.66 eval-mae:2341.87  
[190] train-rmse:1.19008 eval-rmse:1.19223 train-mae:2336.79 eval-mae:2332.07  
[191] train-rmse:1.18026 eval-rmse:1.18246 train-mae:2326.89 eval-mae:2322.25  
[192] train-rmse:1.17057 eval-rmse:1.1728 train-mae:2317 eval-mae:2312.45  
[193] train-rmse:1.16098 eval-rmse:1.16326 train-mae:2307.14 eval-mae:2302.66  
[194] train-rmse:1.15153 eval-rmse:1.15385 train-mae:2297.35 eval-mae:2292.94  
[195] train-rmse:1.14217 eval-rmse:1.14454 train-mae:2287.48 eval-mae:2283.16  
[196] train-rmse:1.13293 eval-rmse:1.13534 train-mae:2277.67 eval-mae:2273.42  
[197] train-rmse:1.1238 eval-rmse:1.12626 train-mae:2267.81 eval-mae:2263.64  
[198] train-rmse:1.11476 eval-rmse:1.11726 train-mae:2257.97 eval-mae:2253.87  
[199] train-rmse:1.10582 eval-rmse:1.10837 train-mae:2248.13 eval-mae:2244.12  
[200] train-rmse:1.09699 eval-rmse:1.09959 train-mae:2238.33 eval-mae:2234.4  
[201] train-rmse:1.08825 eval-rmse:1.09091 train-mae:2228.56 eval-mae:2224.74  
[202] train-rmse:1.07963 eval-rmse:1.08235 train-mae:2218.78 eval-mae:2215.07  
[203] train-rmse:1.07111 eval-rmse:1.07389 train-mae:2209.04 eval-mae:2205.42  
[204] train-rmse:1.06269 eval-rmse:1.06551 train-mae:2199.31 eval-mae:2195.77  
[205] train-rmse:1.05437 eval-rmse:1.05724 train-mae:2189.54 eval-mae:2186.1  
[206] train-rmse:1.04615 eval-rmse:1.04906 train-mae:2179.84 eval-mae:2176.5  
[207] train-rmse:1.03802 eval-rmse:1.04098 train-mae:2170.12 eval-mae:2166.89  
[208] train-rmse:1.02999 eval-rmse:1.03301 train-mae:2160.47 eval-mae:2157.34  
[209] train-rmse:1.02207 eval-rmse:1.02513 train-mae:2150.82 eval-mae:2147.79  
[210] train-rmse:1.01425 eval-rmse:1.01736 train-mae:2141.23 eval-mae:2138.32  
[211] train-rmse:1.00649 eval-rmse:1.00966 train-mae:2131.62 eval-mae:2128.83  
[212] train-rmse:0.998843 eval-rmse:1.00207 train-mae:2122.03 eval-mae:2119.37  
[213] train-rmse:0.991284 eval-rmse:0.99456 train-mae:2112.52 eval-mae:2109.98  
[214] train-rmse:0.983818 eval-rmse:0.987166 train-mae:2103.05 eval-mae:2100.64  
[215] train-rmse:0.976463 eval-rmse:0.979865 train-mae:2093.59 eval-mae:2091.3  
[216] train-rmse:0.969174 eval-rmse:0.97264 train-mae:2084.15 eval-mae:2081.98  
[217] train-rmse:0.961979 eval-rmse:0.965504 train-mae:2074.76 eval-mae:2072.72  
[218] train-rmse:0.954859 eval-rmse:0.958443 train-mae:2065.4 eval-mae:2063.48  
[219] train-rmse:0.947839 eval-rmse:0.951489 train-mae:2056.06 eval-mae:2054.27  
[220] train-rmse:0.940899 eval-rmse:0.944618 train-mae:2046.77 eval-mae:2045.11  
[221] train-rmse:0.934069 eval-rmse:0.93785 train-mae:2037.57 eval-mae:2036.03  
[222] train-rmse:0.927315 eval-rmse:0.931144 train-mae:2028.39 eval-mae:2026.97  
[223] train-rmse:0.920662 eval-rmse:0.924551 train-mae:2019.27 eval-mae:2017.99  
[224] train-rmse:0.914064 eval-rmse:0.918022 train-mae:2010.13 eval-mae:2009  
[225] train-rmse:0.907559 eval-rmse:0.911582 train-mae:2001.02 eval-mae:2000.03  
[226] train-rmse:0.90114 eval-rmse:0.905219 train-mae:1992.03 eval-mae:1991.16  
[227] train-rmse:0.894794 eval-rmse:0.898947 train-mae:1983.11 eval-mae:1982.38  
[228] train-rmse:0.888539 eval-rmse:0.892762 train-mae:1974.2 eval-mae:1973.62  
[229] train-rmse:0.882347 eval-rmse:0.88663 train-mae:1965.27 eval-mae:1964.82  
[230] train-rmse:0.87625 eval-rmse:0.880596 train-mae:1956.51 eval-mae:1956.17  
[231] train-rmse:0.870231 eval-rmse:0.874642 train-mae:1947.75 eval-mae:1947.55  
[232] train-rmse:0.864263 eval-rmse:0.868748 train-mae:1938.98 eval-mae:1938.92  
[233] train-rmse:0.85839 eval-rmse:0.862942 train-mae:1930.3 eval-mae:1930.38  
[234] train-rmse:0.852583 eval-rmse:0.857206 train-mae:1921.68 eval-mae:1921.91  
[235] train-rmse:0.846844 eval-rmse:0.851533 train-mae:1913.06 eval-mae:1913.44  
[236] train-rmse:0.841157 eval-rmse:0.845942 train-mae:1904.5 eval-mae:1905.06  
[237] train-rmse:0.835566 eval-rmse:0.840406 train-mae:1895.98 eval-mae:1896.67

[238] train-rmse:0.830071 eval-rmse:0.834985 train-mae:1887.61 eval-mae:1888.45  
[239] train-rmse:0.824637 eval-rmse:0.829622 train-mae:1879.23 eval-mae:1880.24  
[240] train-rmse:0.819268 eval-rmse:0.824327 train-mae:1870.88 eval-mae:1872.05  
[241] train-rmse:0.813953 eval-rmse:0.81909 train-mae:1862.62 eval-mae:1863.95  
[242] train-rmse:0.80871 eval-rmse:0.813936 train-mae:1854.38 eval-mae:1855.9  
[243] train-rmse:0.803547 eval-rmse:0.80886 train-mae:1846.2 eval-mae:1847.92  
[244] train-rmse:0.798464 eval-rmse:0.803844 train-mae:1838.17 eval-mae:1840.05  
[245] train-rmse:0.793412 eval-rmse:0.798887 train-mae:1830.15 eval-mae:1832.21  
[246] train-rmse:0.788441 eval-rmse:0.793997 train-mae:1822.23 eval-mae:1824.47  
[247] train-rmse:0.783534 eval-rmse:0.789194 train-mae:1814.34 eval-mae:1816.79  
[248] train-rmse:0.778686 eval-rmse:0.784425 train-mae:1806.45 eval-mae:1809.09  
[249] train-rmse:0.773916 eval-rmse:0.779747 train-mae:1798.6 eval-mae:1801.47  
[250] train-rmse:0.769206 eval-rmse:0.775122 train-mae:1790.85 eval-mae:1793.91  
[251] train-rmse:0.764567 eval-rmse:0.770564 train-mae:1783.13 eval-mae:1786.38  
[252] train-rmse:0.759984 eval-rmse:0.766067 train-mae:1775.49 eval-mae:1778.95  
[253] train-rmse:0.755481 eval-rmse:0.761625 train-mae:1767.91 eval-mae:1771.53  
[254] train-rmse:0.751027 eval-rmse:0.757237 train-mae:1760.37 eval-mae:1764.16  
[255] train-rmse:0.746644 eval-rmse:0.752927 train-mae:1752.94 eval-mae:1756.91  
[256] train-rmse:0.742305 eval-rmse:0.748678 train-mae:1745.54 eval-mae:1749.72  
[257] train-rmse:0.738008 eval-rmse:0.744469 train-mae:1738.17 eval-mae:1742.55  
[258] train-rmse:0.733806 eval-rmse:0.740325 train-mae:1730.95 eval-mae:1735.49  
[259] train-rmse:0.729664 eval-rmse:0.736254 train-mae:1723.79 eval-mae:1728.5  
[260] train-rmse:0.72556 eval-rmse:0.732229 train-mae:1716.67 eval-mae:1721.57  
[261] train-rmse:0.721526 eval-rmse:0.728271 train-mae:1709.6 eval-mae:1714.69  
[262] train-rmse:0.717536 eval-rmse:0.724358 train-mae:1702.58 eval-mae:1707.85  
[263] train-rmse:0.713558 eval-rmse:0.720498 train-mae:1695.61 eval-mae:1701.13  
[264] train-rmse:0.709694 eval-rmse:0.716693 train-mae:1688.74 eval-mae:1694.43  
[265] train-rmse:0.705846 eval-rmse:0.712961 train-mae:1681.92 eval-mae:1687.86  
[266] train-rmse:0.702088 eval-rmse:0.709282 train-mae:1675.14 eval-mae:1681.3  
[267] train-rmse:0.698371 eval-rmse:0.705646 train-mae:1668.48 eval-mae:1674.84  
[268] train-rmse:0.694682 eval-rmse:0.70205 train-mae:1661.82 eval-mae:1668.41  
[269] train-rmse:0.691048 eval-rmse:0.698526 train-mae:1655.23 eval-mae:1662.07  
[270] train-rmse:0.687488 eval-rmse:0.695046 train-mae:1648.68 eval-mae:1655.74  
[271] train-rmse:0.683962 eval-rmse:0.691607 train-mae:1642.18 eval-mae:1649.45  
[272] train-rmse:0.680488 eval-rmse:0.688219 train-mae:1635.75 eval-mae:1643.26  
[273] train-rmse:0.677049 eval-rmse:0.684884 train-mae:1629.4 eval-mae:1637.15  
[274] train-rmse:0.673661 eval-rmse:0.68161 train-mae:1623.1 eval-mae:1631.12  
[275] train-rmse:0.670316 eval-rmse:0.678367 train-mae:1616.87 eval-mae:1625.14  
[276] train-rmse:0.667055 eval-rmse:0.675187 train-mae:1610.72 eval-mae:1619.2  
[277] train-rmse:0.663852 eval-rmse:0.672067 train-mae:1604.68 eval-mae:1613.37  
[278] train-rmse:0.66067 eval-rmse:0.668974 train-mae:1598.63 eval-mae:1607.55  
[279] train-rmse:0.657546 eval-rmse:0.665939 train-mae:1592.69 eval-mae:1601.83  
[280] train-rmse:0.654442 eval-rmse:0.662944 train-mae:1586.75 eval-mae:1596.16  
[281] train-rmse:0.651395 eval-rmse:0.659992 train-mae:1580.86 eval-mae:1590.51  
[282] train-rmse:0.648388 eval-rmse:0.657079 train-mae:1575.03 eval-mae:1584.92  
[283] train-rmse:0.645442 eval-rmse:0.654211 train-mae:1569.31 eval-mae:1579.41  
[284] train-rmse:0.642506 eval-rmse:0.651385 train-mae:1563.61 eval-mae:1573.97  
[285] train-rmse:0.639661 eval-rmse:0.64861 train-mae:1558 eval-mae:1568.57  
[286] train-rmse:0.636796 eval-rmse:0.645864 train-mae:1552.4 eval-mae:1563.24  
[287] train-rmse:0.634006 eval-rmse:0.643167 train-mae:1546.88 eval-mae:1557.95  
[288] train-rmse:0.631251 eval-rmse:0.640504 train-mae:1541.42 eval-mae:1552.72  
[289] train-rmse:0.62854 eval-rmse:0.637888 train-mae:1536.02 eval-mae:1547.55  
[290] train-rmse:0.625854 eval-rmse:0.635318 train-mae:1530.69 eval-mae:1542.51  
[291] train-rmse:0.623209 eval-rmse:0.632778 train-mae:1525.39 eval-mae:1537.46  
[292] train-rmse:0.620628 eval-rmse:0.630284 train-mae:1520.2 eval-mae:1532.5  
[293] train-rmse:0.618066 eval-rmse:0.627815 train-mae:1515 eval-mae:1527.55  
[294] train-rmse:0.615542 eval-rmse:0.625397 train-mae:1509.85 eval-mae:1522.69  
[295] train-rmse:0.613032 eval-rmse:0.622993 train-mae:1504.7 eval-mae:1517.82  
[296] train-rmse:0.610578 eval-rmse:0.620658 train-mae:1499.68 eval-mae:1513.09  
[297] train-rmse:0.608193 eval-rmse:0.618348 train-mae:1494.74 eval-mae:1508.37  
[298] train-rmse:0.605835 eval-rmse:0.616079 train-mae:1489.81 eval-mae:1503.69  
[299] train-rmse:0.603505 eval-rmse:0.613859 train-mae:1484.98 eval-mae:1499.13  
[300] train-rmse:0.601187 eval-rmse:0.61166 train-mae:1480.18 eval-mae:1494.61  
[301] train-rmse:0.598933 eval-rmse:0.609495 train-mae:1475.43 eval-mae:1490.11  
[302] train-rmse:0.596666 eval-rmse:0.607355 train-mae:1470.7 eval-mae:1485.67  
[303] train-rmse:0.594472 eval-rmse:0.605256 train-mae:1466.06 eval-mae:1481.28  
[304] train-rmse:0.59228 eval-rmse:0.603186 train-mae:1461.59 eval-mae:1477.08  
[305] train-rmse:0.590123 eval-rmse:0.601151 train-mae:1457.01 eval-mae:1472.79  
[306] train-rmse:0.588014 eval-rmse:0.599159 train-mae:1452.47 eval-mae:1468.55  
[307] train-rmse:0.585943 eval-rmse:0.597191 train-mae:1448.06 eval-mae:1464.39  
[308] train-rmse:0.583915 eval-rmse:0.595253 train-mae:1443.67 eval-mae:1460.25  
[309] train-rmse:0.581891 eval-rmse:0.593343 train-mae:1439.32 eval-mae:1456.18

[310]	train-rmse:0.579892	eval-rmse:0.591472	train-mae:1435.02	eval-mae:1452.19
[311]	train-rmse:0.577953	eval-rmse:0.589616	train-mae:1430.82	eval-mae:1448.21
[312]	train-rmse:0.576052	eval-rmse:0.587816	train-mae:1426.68	eval-mae:1444.32
[313]	train-rmse:0.574165	eval-rmse:0.586026	train-mae:1422.55	eval-mae:1440.45
[314]	train-rmse:0.572296	eval-rmse:0.584277	train-mae:1418.49	eval-mae:1436.68
[315]	train-rmse:0.570432	eval-rmse:0.582541	train-mae:1414.46	eval-mae:1432.93
[316]	train-rmse:0.568616	eval-rmse:0.58084	train-mae:1410.46	eval-mae:1429.21
[317]	train-rmse:0.566843	eval-rmse:0.579172	train-mae:1406.52	eval-mae:1425.54
[318]	train-rmse:0.565113	eval-rmse:0.577532	train-mae:1402.66	eval-mae:1421.93
[319]	train-rmse:0.563358	eval-rmse:0.575904	train-mae:1398.78	eval-mae:1418.33
[320]	train-rmse:0.561677	eval-rmse:0.574318	train-mae:1394.98	eval-mae:1414.77
[321]	train-rmse:0.559968	eval-rmse:0.57275	train-mae:1391.22	eval-mae:1411.3
[322]	train-rmse:0.558307	eval-rmse:0.571202	train-mae:1387.52	eval-mae:1407.84
[323]	train-rmse:0.556659	eval-rmse:0.569666	train-mae:1383.75	eval-mae:1404.34
[324]	train-rmse:0.555062	eval-rmse:0.568168	train-mae:1380.16	eval-mae:1400.98
[325]	train-rmse:0.553465	eval-rmse:0.566706	train-mae:1376.56	eval-mae:1397.71
[326]	train-rmse:0.551944	eval-rmse:0.565268	train-mae:1373.06	eval-mae:1394.42
[327]	train-rmse:0.550413	eval-rmse:0.56383	train-mae:1369.51	eval-mae:1391.09
[328]	train-rmse:0.548906	eval-rmse:0.562447	train-mae:1366.04	eval-mae:1387.9
[329]	train-rmse:0.547447	eval-rmse:0.561068	train-mae:1362.66	eval-mae:1384.71
[330]	train-rmse:0.545997	eval-rmse:0.559721	train-mae:1359.26	eval-mae:1381.57
[331]	train-rmse:0.544549	eval-rmse:0.558386	train-mae:1355.91	eval-mae:1378.47
[332]	train-rmse:0.543159	eval-rmse:0.557091	train-mae:1352.64	eval-mae:1375.45
[333]	train-rmse:0.541786	eval-rmse:0.555811	train-mae:1349.44	eval-mae:1372.46
[334]	train-rmse:0.54041	eval-rmse:0.554543	train-mae:1346.2	eval-mae:1369.48
[335]	train-rmse:0.539035	eval-rmse:0.553303	train-mae:1343.05	eval-mae:1366.62
[336]	train-rmse:0.537689	eval-rmse:0.552079	train-mae:1339.83	eval-mae:1363.69
[337]	train-rmse:0.536403	eval-rmse:0.550879	train-mae:1336.72	eval-mae:1360.83
[338]	train-rmse:0.535103	eval-rmse:0.549706	train-mae:1333.69	eval-mae:1358.08
[339]	train-rmse:0.533819	eval-rmse:0.548538	train-mae:1330.63	eval-mae:1355.31
[340]	train-rmse:0.532556	eval-rmse:0.547402	train-mae:1327.62	eval-mae:1352.62
[341]	train-rmse:0.531311	eval-rmse:0.546273	train-mae:1324.62	eval-mae:1349.91
[342]	train-rmse:0.530115	eval-rmse:0.545173	train-mae:1321.71	eval-mae:1347.25
[343]	train-rmse:0.528913	eval-rmse:0.544099	train-mae:1318.81	eval-mae:1344.67
[344]	train-rmse:0.527732	eval-rmse:0.543027	train-mae:1315.98	eval-mae:1342.11
[345]	train-rmse:0.526606	eval-rmse:0.541984	train-mae:1313.21	eval-mae:1339.56
[346]	train-rmse:0.525456	eval-rmse:0.540939	train-mae:1310.39	eval-mae:1336.99
[347]	train-rmse:0.524291	eval-rmse:0.539905	train-mae:1307.51	eval-mae:1334.42
[348]	train-rmse:0.523178	eval-rmse:0.538918	train-mae:1304.77	eval-mae:1331.99
[349]	train-rmse:0.522081	eval-rmse:0.537941	train-mae:1302.08	eval-mae:1329.61
[350]	train-rmse:0.521018	eval-rmse:0.53697	train-mae:1299.4	eval-mae:1327.19
[351]	train-rmse:0.519931	eval-rmse:0.536018	train-mae:1296.73	eval-mae:1324.84
[352]	train-rmse:0.518881	eval-rmse:0.53509	train-mae:1294.13	eval-mae:1322.53
[353]	train-rmse:0.517866	eval-rmse:0.534163	train-mae:1291.52	eval-mae:1320.19
[354]	train-rmse:0.516849	eval-rmse:0.533256	train-mae:1288.94	eval-mae:1317.9
[355]	train-rmse:0.515869	eval-rmse:0.532375	train-mae:1286.41	eval-mae:1315.64
[356]	train-rmse:0.514946	eval-rmse:0.53152	train-mae:1283.99	eval-mae:1313.45
[357]	train-rmse:0.513978	eval-rmse:0.530639	train-mae:1281.47	eval-mae:1311.17
[358]	train-rmse:0.513054	eval-rmse:0.529795	train-mae:1279.07	eval-mae:1309.01
[359]	train-rmse:0.512129	eval-rmse:0.528974	train-mae:1276.7	eval-mae:1306.92
[360]	train-rmse:0.5112	eval-rmse:0.528168	train-mae:1274.32	eval-mae:1304.85
[361]	train-rmse:0.510334	eval-rmse:0.527385	train-mae:1272.03	eval-mae:1302.82
[362]	train-rmse:0.509453	eval-rmse:0.526588	train-mae:1269.72	eval-mae:1300.76
[363]	train-rmse:0.508565	eval-rmse:0.52582	train-mae:1267.49	eval-mae:1298.81
[364]	train-rmse:0.507711	eval-rmse:0.525075	train-mae:1265.23	eval-mae:1296.84
[365]	train-rmse:0.506871	eval-rmse:0.52434	train-mae:1263.08	eval-mae:1294.97
[366]	train-rmse:0.506025	eval-rmse:0.52362	train-mae:1260.85	eval-mae:1293.07
[367]	train-rmse:0.505188	eval-rmse:0.522902	train-mae:1258.63	eval-mae:1291.18
[368]	train-rmse:0.504395	eval-rmse:0.522203	train-mae:1256.51	eval-mae:1289.32
[369]	train-rmse:0.503576	eval-rmse:0.521511	train-mae:1254.39	eval-mae:1287.52
[370]	train-rmse:0.502786	eval-rmse:0.520824	train-mae:1252.26	eval-mae:1285.68
[371]	train-rmse:0.501975	eval-rmse:0.52015	train-mae:1250.19	eval-mae:1283.94
[372]	train-rmse:0.501209	eval-rmse:0.519498	train-mae:1248.16	eval-mae:1282.2
[373]	train-rmse:0.500462	eval-rmse:0.518855	train-mae:1246.14	eval-mae:1280.46
[374]	train-rmse:0.499684	eval-rmse:0.518225	train-mae:1244.07	eval-mae:1278.77
[375]	train-rmse:0.498973	eval-rmse:0.517598	train-mae:1242.13	eval-mae:1277.08
[376]	train-rmse:0.498263	eval-rmse:0.51697	train-mae:1240.17	eval-mae:1275.39
[377]	train-rmse:0.497566	eval-rmse:0.516369	train-mae:1238.24	eval-mae:1273.73
[378]	train-rmse:0.496872	eval-rmse:0.51577	train-mae:1236.31	eval-mae:1272.06
[379]	train-rmse:0.496187	eval-rmse:0.51519	train-mae:1234.43	eval-mae:1270.46
[380]	train-rmse:0.49552	eval-rmse:0.514618	train-mae:1232.59	eval-mae:1268.87
[381]	train-rmse:0.494849	eval-rmse:0.514036	train-mae:1230.71	eval-mae:1267.26

[382]	train-rmse:0.494207	eval-rmse:0.513481	train-mae:1228.88	eval-mae:1265.69
[383]	train-rmse:0.493545	eval-rmse:0.512942	train-mae:1227.08	eval-mae:1264.2
[384]	train-rmse:0.492939	eval-rmse:0.512414	train-mae:1225.33	eval-mae:1262.69
[385]	train-rmse:0.492308	eval-rmse:0.511896	train-mae:1223.63	eval-mae:1261.26
[386]	train-rmse:0.491697	eval-rmse:0.511383	train-mae:1221.92	eval-mae:1259.83
[387]	train-rmse:0.491062	eval-rmse:0.510873	train-mae:1220.14	eval-mae:1258.4
[388]	train-rmse:0.490443	eval-rmse:0.510373	train-mae:1218.43	eval-mae:1257
[389]	train-rmse:0.489873	eval-rmse:0.509885	train-mae:1216.81	eval-mae:1255.64
[390]	train-rmse:0.489291	eval-rmse:0.509401	train-mae:1215.16	eval-mae:1254.25
[391]	train-rmse:0.488707	eval-rmse:0.508928	train-mae:1213.54	eval-mae:1252.93
[392]	train-rmse:0.488153	eval-rmse:0.508452	train-mae:1211.9	eval-mae:1251.55
[393]	train-rmse:0.487584	eval-rmse:0.507981	train-mae:1210.24	eval-mae:1250.2
[394]	train-rmse:0.487064	eval-rmse:0.507533	train-mae:1208.69	eval-mae:1248.87
[395]	train-rmse:0.486547	eval-rmse:0.5071	train-mae:1207.18	eval-mae:1247.61
[396]	train-rmse:0.486013	eval-rmse:0.506673	train-mae:1205.67	eval-mae:1246.37
[397]	train-rmse:0.485484	eval-rmse:0.506228	train-mae:1204.09	eval-mae:1245.04
[398]	train-rmse:0.484944	eval-rmse:0.50581	train-mae:1202.52	eval-mae:1243.81
[399]	train-rmse:0.484436	eval-rmse:0.505394	train-mae:1200.97	eval-mae:1242.53
[400]	train-rmse:0.483936	eval-rmse:0.504978	train-mae:1199.47	eval-mae:1241.29
[401]	train-rmse:0.483401	eval-rmse:0.504578	train-mae:1197.95	eval-mae:1240.13
[402]	train-rmse:0.482918	eval-rmse:0.504187	train-mae:1196.56	eval-mae:1239
[403]	train-rmse:0.482418	eval-rmse:0.503796	train-mae:1195.13	eval-mae:1237.85
[404]	train-rmse:0.481914	eval-rmse:0.503419	train-mae:1193.67	eval-mae:1236.73
[405]	train-rmse:0.481417	eval-rmse:0.503048	train-mae:1192.26	eval-mae:1235.64
[406]	train-rmse:0.480942	eval-rmse:0.502664	train-mae:1190.88	eval-mae:1234.5
[407]	train-rmse:0.480459	eval-rmse:0.502302	train-mae:1189.48	eval-mae:1233.43
[408]	train-rmse:0.480005	eval-rmse:0.501948	train-mae:1188.12	eval-mae:1232.37
[409]	train-rmse:0.479567	eval-rmse:0.501603	train-mae:1186.8	eval-mae:1231.33
[410]	train-rmse:0.479123	eval-rmse:0.501269	train-mae:1185.52	eval-mae:1230.33
[411]	train-rmse:0.478668	eval-rmse:0.500922	train-mae:1184.16	eval-mae:1229.27
[412]	train-rmse:0.478204	eval-rmse:0.500584	train-mae:1182.82	eval-mae:1228.25
[413]	train-rmse:0.477761	eval-rmse:0.500243	train-mae:1181.45	eval-mae:1227.17
[414]	train-rmse:0.477339	eval-rmse:0.499906	train-mae:1180.16	eval-mae:1226.13
[415]	train-rmse:0.476914	eval-rmse:0.499592	train-mae:1178.93	eval-mae:1225.2
[416]	train-rmse:0.476516	eval-rmse:0.499283	train-mae:1177.71	eval-mae:1224.25
[417]	train-rmse:0.476141	eval-rmse:0.498982	train-mae:1176.51	eval-mae:1223.29
[418]	train-rmse:0.475799	eval-rmse:0.498697	train-mae:1175.41	eval-mae:1222.39
[419]	train-rmse:0.475395	eval-rmse:0.498392	train-mae:1174.21	eval-mae:1221.45
[420]	train-rmse:0.475004	eval-rmse:0.498099	train-mae:1173.05	eval-mae:1220.55
[421]	train-rmse:0.474613	eval-rmse:0.4978	train-mae:1171.81	eval-mae:1219.58
[422]	train-rmse:0.474218	eval-rmse:0.497497	train-mae:1170.59	eval-mae:1218.61
[423]	train-rmse:0.473841	eval-rmse:0.497221	train-mae:1169.45	eval-mae:1217.75
[424]	train-rmse:0.47349	eval-rmse:0.496942	train-mae:1168.29	eval-mae:1216.81
[425]	train-rmse:0.473136	eval-rmse:0.496664	train-mae:1167.17	eval-mae:1215.93
[426]	train-rmse:0.472778	eval-rmse:0.496393	train-mae:1166.04	eval-mae:1215.07
[427]	train-rmse:0.472419	eval-rmse:0.496138	train-mae:1164.93	eval-mae:1214.26
[428]	train-rmse:0.472018	eval-rmse:0.495861	train-mae:1163.73	eval-mae:1213.38
[429]	train-rmse:0.471708	eval-rmse:0.495618	train-mae:1162.69	eval-mae:1212.57
[430]	train-rmse:0.471394	eval-rmse:0.495373	train-mae:1161.66	eval-mae:1211.77
[431]	train-rmse:0.471043	eval-rmse:0.495117	train-mae:1160.59	eval-mae:1210.97
[432]	train-rmse:0.470697	eval-rmse:0.494879	train-mae:1159.51	eval-mae:1210.21
[433]	train-rmse:0.470339	eval-rmse:0.494652	train-mae:1158.44	eval-mae:1209.49
[434]	train-rmse:0.470033	eval-rmse:0.494429	train-mae:1157.47	eval-mae:1208.77
[435]	train-rmse:0.469733	eval-rmse:0.494214	train-mae:1156.5	eval-mae:1208.04
[436]	train-rmse:0.469414	eval-rmse:0.493997	train-mae:1155.49	eval-mae:1207.32
[437]	train-rmse:0.469098	eval-rmse:0.493775	train-mae:1154.46	eval-mae:1206.57
[438]	train-rmse:0.468752	eval-rmse:0.493545	train-mae:1153.38	eval-mae:1205.8
[439]	train-rmse:0.468489	eval-rmse:0.493339	train-mae:1152.46	eval-mae:1205.1
[440]	train-rmse:0.468177	eval-rmse:0.493118	train-mae:1151.45	eval-mae:1204.35
[441]	train-rmse:0.46791	eval-rmse:0.492923	train-mae:1150.56	eval-mae:1203.68
[442]	train-rmse:0.467607	eval-rmse:0.492735	train-mae:1149.59	eval-mae:1203.05
[443]	train-rmse:0.467308	eval-rmse:0.492538	train-mae:1148.65	eval-mae:1202.4
[444]	train-rmse:0.466994	eval-rmse:0.492323	train-mae:1147.66	eval-mae:1201.68
[445]	train-rmse:0.466716	eval-rmse:0.492122	train-mae:1146.77	eval-mae:1201.01
[446]	train-rmse:0.466475	eval-rmse:0.491943	train-mae:1145.97	eval-mae:1200.42
[447]	train-rmse:0.466218	eval-rmse:0.491749	train-mae:1145.11	eval-mae:1199.79
[448]	train-rmse:0.465975	eval-rmse:0.491569	train-mae:1144.27	eval-mae:1199.18
[449]	train-rmse:0.465679	eval-rmse:0.491392	train-mae:1143.31	eval-mae:1198.56
[450]	train-rmse:0.465442	eval-rmse:0.491225	train-mae:1142.51	eval-mae:1197.98
[451]	train-rmse:0.465223	eval-rmse:0.491055	train-mae:1141.71	eval-mae:1197.38
[452]	train-rmse:0.464939	eval-rmse:0.490881	train-mae:1140.82	eval-mae:1196.79
[453]	train-rmse:0.464678	eval-rmse:0.490714	train-mae:1139.95	eval-mae:1196.19

[454] train-rmse:0.464435 eval-rmse:0.490547 train-mae:1139.11 eval-mae:1195.6  
[455] train-rmse:0.464218 eval-rmse:0.490393 train-mae:1138.36 eval-mae:1195.06  
[456] train-rmse:0.463987 eval-rmse:0.490232 train-mae:1137.59 eval-mae:1194.49  
[457] train-rmse:0.46377 eval-rmse:0.490079 train-mae:1136.82 eval-mae:1193.93  
[458] train-rmse:0.463536 eval-rmse:0.489922 train-mae:1136.03 eval-mae:1193.37  
[459] train-rmse:0.463282 eval-rmse:0.489753 train-mae:1135.17 eval-mae:1192.78  
[460] train-rmse:0.463034 eval-rmse:0.489607 train-mae:1134.36 eval-mae:1192.28  
[461] train-rmse:0.462836 eval-rmse:0.489463 train-mae:1133.65 eval-mae:1191.78  
[462] train-rmse:0.462612 eval-rmse:0.489329 train-mae:1132.91 eval-mae:1191.3  
[463] train-rmse:0.462398 eval-rmse:0.489194 train-mae:1132.2 eval-mae:1190.84  
[464] train-rmse:0.462202 eval-rmse:0.48905 train-mae:1131.53 eval-mae:1190.34  
[465] train-rmse:0.461958 eval-rmse:0.488906 train-mae:1130.72 eval-mae:1189.82  
[466] train-rmse:0.461765 eval-rmse:0.48877 train-mae:1130.03 eval-mae:1189.32  
[467] train-rmse:0.461559 eval-rmse:0.488641 train-mae:1129.34 eval-mae:1188.86  
[468] train-rmse:0.461315 eval-rmse:0.488516 train-mae:1128.56 eval-mae:1188.42  
[469] train-rmse:0.461131 eval-rmse:0.488395 train-mae:1127.87 eval-mae:1187.95  
[470] train-rmse:0.460912 eval-rmse:0.488267 train-mae:1127.15 eval-mae:1187.47  
[471] train-rmse:0.460703 eval-rmse:0.488141 train-mae:1126.47 eval-mae:1187.03  
[472] train-rmse:0.460487 eval-rmse:0.488018 train-mae:1125.76 eval-mae:1186.57  
[473] train-rmse:0.460298 eval-rmse:0.487896 train-mae:1125.09 eval-mae:1186.12  
[474] train-rmse:0.460103 eval-rmse:0.487782 train-mae:1124.43 eval-mae:1185.71  
[475] train-rmse:0.459927 eval-rmse:0.487664 train-mae:1123.79 eval-mae:1185.28  
[476] train-rmse:0.459708 eval-rmse:0.487534 train-mae:1123.07 eval-mae:1184.8  
[477] train-rmse:0.459472 eval-rmse:0.487407 train-mae:1122.33 eval-mae:1184.35  
[478] train-rmse:0.459282 eval-rmse:0.487285 train-mae:1121.66 eval-mae:1183.89  
[479] train-rmse:0.459102 eval-rmse:0.487173 train-mae:1121.02 eval-mae:1183.48  
[480] train-rmse:0.458911 eval-rmse:0.487055 train-mae:1120.35 eval-mae:1183.02  
[481] train-rmse:0.458766 eval-rmse:0.486957 train-mae:1119.79 eval-mae:1182.65  
[482] train-rmse:0.458585 eval-rmse:0.486847 train-mae:1119.14 eval-mae:1182.22  
[483] train-rmse:0.458376 eval-rmse:0.486736 train-mae:1118.49 eval-mae:1181.82  
[484] train-rmse:0.4582 eval-rmse:0.486646 train-mae:1117.9 eval-mae:1181.49  
[485] train-rmse:0.458045 eval-rmse:0.486543 train-mae:1117.31 eval-mae:1181.09  
[486] train-rmse:0.457844 eval-rmse:0.486437 train-mae:1116.69 eval-mae:1180.72  
[487] train-rmse:0.457683 eval-rmse:0.486342 train-mae:1116.12 eval-mae:1180.34  
[488] train-rmse:0.457503 eval-rmse:0.486239 train-mae:1115.49 eval-mae:1179.93  
[489] train-rmse:0.457351 eval-rmse:0.486139 train-mae:1114.9 eval-mae:1179.53  
[490] train-rmse:0.457165 eval-rmse:0.486031 train-mae:1114.24 eval-mae:1179.09  
[491] train-rmse:0.456999 eval-rmse:0.485931 train-mae:1113.66 eval-mae:1178.72  
[492] train-rmse:0.456863 eval-rmse:0.485838 train-mae:1113.13 eval-mae:1178.33  
[493] train-rmse:0.456685 eval-rmse:0.485744 train-mae:1112.53 eval-mae:1177.97  
[494] train-rmse:0.456486 eval-rmse:0.48564 train-mae:1111.88 eval-mae:1177.59  
[495] train-rmse:0.456319 eval-rmse:0.485553 train-mae:1111.3 eval-mae:1177.22  
[496] train-rmse:0.456168 eval-rmse:0.485467 train-mae:1110.78 eval-mae:1176.89  
[497] train-rmse:0.455985 eval-rmse:0.48538 train-mae:1110.18 eval-mae:1176.56  
[498] train-rmse:0.455806 eval-rmse:0.4853 train-mae:1109.6 eval-mae:1176.26  
[499] train-rmse:0.455665 eval-rmse:0.485224 train-mae:1109.11 eval-mae:1175.96  
[500] train-rmse:0.455527 eval-rmse:0.48515 train-mae:1108.6 eval-mae:1175.65  
[501] train-rmse:0.455356 eval-rmse:0.485055 train-mae:1108.02 eval-mae:1175.28  
[502] train-rmse:0.455223 eval-rmse:0.484967 train-mae:1107.52 eval-mae:1174.94  
[503] train-rmse:0.455038 eval-rmse:0.484879 train-mae:1106.92 eval-mae:1174.6  
[504] train-rmse:0.454833 eval-rmse:0.48479 train-mae:1106.25 eval-mae:1174.24  
[505] train-rmse:0.454692 eval-rmse:0.484716 train-mae:1105.78 eval-mae:1173.96  
[506] train-rmse:0.454566 eval-rmse:0.484641 train-mae:1105.31 eval-mae:1173.67  
[507] train-rmse:0.454436 eval-rmse:0.484572 train-mae:1104.84 eval-mae:1173.39  
[508] train-rmse:0.454298 eval-rmse:0.484499 train-mae:1104.34 eval-mae:1173.08  
[509] train-rmse:0.454154 eval-rmse:0.484415 train-mae:1103.82 eval-mae:1172.76  
[510] train-rmse:0.454003 eval-rmse:0.484339 train-mae:1103.3 eval-mae:1172.44  
[511] train-rmse:0.453804 eval-rmse:0.484243 train-mae:1102.67 eval-mae:1172.09  
[512] train-rmse:0.453657 eval-rmse:0.484164 train-mae:1102.15 eval-mae:1171.77  
[513] train-rmse:0.453524 eval-rmse:0.484097 train-mae:1101.68 eval-mae:1171.49  
[514] train-rmse:0.453375 eval-rmse:0.484034 train-mae:1101.2 eval-mae:1171.24  
[515] train-rmse:0.453227 eval-rmse:0.483966 train-mae:1100.73 eval-mae:1170.99  
[516] train-rmse:0.453119 eval-rmse:0.483903 train-mae:1100.32 eval-mae:1170.74  
[517] train-rmse:0.452991 eval-rmse:0.483837 train-mae:1099.9 eval-mae:1170.5  
[518] train-rmse:0.452823 eval-rmse:0.483764 train-mae:1099.36 eval-mae:1170.2  
[519] train-rmse:0.452673 eval-rmse:0.4837 train-mae:1098.88 eval-mae:1169.96  
[520] train-rmse:0.452548 eval-rmse:0.483633 train-mae:1098.44 eval-mae:1169.71  
[521] train-rmse:0.452463 eval-rmse:0.483582 train-mae:1098.09 eval-mae:1169.47  
[522] train-rmse:0.452337 eval-rmse:0.483508 train-mae:1097.65 eval-mae:1169.19  
[523] train-rmse:0.452209 eval-rmse:0.483439 train-mae:1097.19 eval-mae:1168.91  
[524] train-rmse:0.452052 eval-rmse:0.483351 train-mae:1096.69 eval-mae:1168.6  
[525] train-rmse:0.451881 eval-rmse:0.483286 train-mae:1096.18 eval-mae:1168.35

[526] train-rmse:0.451742 eval-rmse:0.483234 train-mae:1095.73 eval-mae:1168.14  
[527] train-rmse:0.451638 eval-rmse:0.483182 train-mae:1095.36 eval-mae:1167.94  
[528] train-rmse:0.451509 eval-rmse:0.483124 train-mae:1094.9 eval-mae:1167.69  
[529] train-rmse:0.451393 eval-rmse:0.483062 train-mae:1094.46 eval-mae:1167.43  
[530] train-rmse:0.451283 eval-rmse:0.483017 train-mae:1094.06 eval-mae:1167.23  
[531] train-rmse:0.451129 eval-rmse:0.482954 train-mae:1093.54 eval-mae:1166.97  
[532] train-rmse:0.451014 eval-rmse:0.482895 train-mae:1093.11 eval-mae:1166.72  
[533] train-rmse:0.450883 eval-rmse:0.482837 train-mae:1092.66 eval-mae:1166.47  
[534] train-rmse:0.450756 eval-rmse:0.482784 train-mae:1092.22 eval-mae:1166.25  
[535] train-rmse:0.450629 eval-rmse:0.48273 train-mae:1091.79 eval-mae:1166.01  
[536] train-rmse:0.450487 eval-rmse:0.482674 train-mae:1091.31 eval-mae:1165.76  
[537] train-rmse:0.450391 eval-rmse:0.482627 train-mae:1090.96 eval-mae:1165.57  
[538] train-rmse:0.450289 eval-rmse:0.482582 train-mae:1090.58 eval-mae:1165.37  
[539] train-rmse:0.450153 eval-rmse:0.482529 train-mae:1090.14 eval-mae:1165.16  
[540] train-rmse:0.450033 eval-rmse:0.482468 train-mae:1089.72 eval-mae:1164.91  
[541] train-rmse:0.449936 eval-rmse:0.482422 train-mae:1089.36 eval-mae:1164.72  
[542] train-rmse:0.449857 eval-rmse:0.482377 train-mae:1089.05 eval-mae:1164.53  
[543] train-rmse:0.449711 eval-rmse:0.482331 train-mae:1088.6 eval-mae:1164.34  
[544] train-rmse:0.449556 eval-rmse:0.482282 train-mae:1088.13 eval-mae:1164.14  
[545] train-rmse:0.449451 eval-rmse:0.48223 train-mae:1087.77 eval-mae:1163.93  
[546] train-rmse:0.449302 eval-rmse:0.482177 train-mae:1087.34 eval-mae:1163.74  
[547] train-rmse:0.449202 eval-rmse:0.482137 train-mae:1086.98 eval-mae:1163.57  
[548] train-rmse:0.449109 eval-rmse:0.482096 train-mae:1086.65 eval-mae:1163.41  
[549] train-rmse:0.449044 eval-rmse:0.482058 train-mae:1086.39 eval-mae:1163.24  
[550] train-rmse:0.448942 eval-rmse:0.482004 train-mae:1086.05 eval-mae:1163.04  
[551] train-rmse:0.448814 eval-rmse:0.48196 train-mae:1085.63 eval-mae:1162.87  
[552] train-rmse:0.44873 eval-rmse:0.481917 train-mae:1085.31 eval-mae:1162.68  
[553] train-rmse:0.448621 eval-rmse:0.481879 train-mae:1084.94 eval-mae:1162.51  
[554] train-rmse:0.448511 eval-rmse:0.481839 train-mae:1084.54 eval-mae:1162.32  
[555] train-rmse:0.448428 eval-rmse:0.481797 train-mae:1084.22 eval-mae:1162.14  
[556] train-rmse:0.448339 eval-rmse:0.481763 train-mae:1083.86 eval-mae:1161.96  
[557] train-rmse:0.448267 eval-rmse:0.481723 train-mae:1083.59 eval-mae:1161.79  
[558] train-rmse:0.448188 eval-rmse:0.481682 train-mae:1083.27 eval-mae:1161.61  
[559] train-rmse:0.448049 eval-rmse:0.481643 train-mae:1082.85 eval-mae:1161.43  
[560] train-rmse:0.447944 eval-rmse:0.481608 train-mae:1082.5 eval-mae:1161.26  
[561] train-rmse:0.447839 eval-rmse:0.481564 train-mae:1082.11 eval-mae:1161.06  
[562] train-rmse:0.447699 eval-rmse:0.481529 train-mae:1081.7 eval-mae:1160.9  
[563] train-rmse:0.44759 eval-rmse:0.481494 train-mae:1081.35 eval-mae:1160.74  
[564] train-rmse:0.447506 eval-rmse:0.48146 train-mae:1081.05 eval-mae:1160.59  
[565] train-rmse:0.447428 eval-rmse:0.481427 train-mae:1080.77 eval-mae:1160.45  
[566] train-rmse:0.447332 eval-rmse:0.481384 train-mae:1080.43 eval-mae:1160.26  
[567] train-rmse:0.447243 eval-rmse:0.481347 train-mae:1080.11 eval-mae:1160.08  
[568] train-rmse:0.447156 eval-rmse:0.481311 train-mae:1079.8 eval-mae:1159.94  
[569] train-rmse:0.447047 eval-rmse:0.481265 train-mae:1079.44 eval-mae:1159.76  
[570] train-rmse:0.446975 eval-rmse:0.481238 train-mae:1079.16 eval-mae:1159.61  
[571] train-rmse:0.44687 eval-rmse:0.481201 train-mae:1078.81 eval-mae:1159.46  
[572] train-rmse:0.446766 eval-rmse:0.481169 train-mae:1078.49 eval-mae:1159.33  
[573] train-rmse:0.446638 eval-rmse:0.481119 train-mae:1078.09 eval-mae:1159.13  
[574] train-rmse:0.446532 eval-rmse:0.48109 train-mae:1077.76 eval-mae:1159  
[575] train-rmse:0.446483 eval-rmse:0.481064 train-mae:1077.56 eval-mae:1158.88  
[576] train-rmse:0.446381 eval-rmse:0.481018 train-mae:1077.22 eval-mae:1158.71  
[577] train-rmse:0.44624 eval-rmse:0.480973 train-mae:1076.79 eval-mae:1158.52  
[578] train-rmse:0.446156 eval-rmse:0.480947 train-mae:1076.49 eval-mae:1158.39  
[579] train-rmse:0.446093 eval-rmse:0.480921 train-mae:1076.27 eval-mae:1158.27  
[580] train-rmse:0.446002 eval-rmse:0.480896 train-mae:1075.96 eval-mae:1158.13  
[581] train-rmse:0.44592 eval-rmse:0.48086 train-mae:1075.67 eval-mae:1157.97  
[582] train-rmse:0.445795 eval-rmse:0.480831 train-mae:1075.3 eval-mae:1157.86  
[583] train-rmse:0.445736 eval-rmse:0.480808 train-mae:1075.07 eval-mae:1157.74  
[584] train-rmse:0.445664 eval-rmse:0.480783 train-mae:1074.82 eval-mae:1157.63  
[585] train-rmse:0.44559 eval-rmse:0.480759 train-mae:1074.57 eval-mae:1157.51  
[586] train-rmse:0.44549 eval-rmse:0.480734 train-mae:1074.26 eval-mae:1157.41  
[587] train-rmse:0.445419 eval-rmse:0.480704 train-mae:1074 eval-mae:1157.27  
[588] train-rmse:0.445336 eval-rmse:0.480678 train-mae:1073.73 eval-mae:1157.16  
[589] train-rmse:0.445268 eval-rmse:0.480652 train-mae:1073.49 eval-mae:1157.04  
[590] train-rmse:0.445205 eval-rmse:0.480627 train-mae:1073.24 eval-mae:1156.92  
[591] train-rmse:0.445077 eval-rmse:0.480599 train-mae:1072.89 eval-mae:1156.8  
[592] train-rmse:0.444998 eval-rmse:0.480568 train-mae:1072.6 eval-mae:1156.68  
[593] train-rmse:0.444941 eval-rmse:0.480542 train-mae:1072.37 eval-mae:1156.55  
[594] train-rmse:0.444876 eval-rmse:0.480515 train-mae:1072.13 eval-mae:1156.42  
[595] train-rmse:0.444806 eval-rmse:0.48049 train-mae:1071.88 eval-mae:1156.3  
[596] train-rmse:0.444719 eval-rmse:0.480461 train-mae:1071.58 eval-mae:1156.17  
[597] train-rmse:0.444593 eval-rmse:0.480426 train-mae:1071.17 eval-mae:1156.01



[598] train-rmse:0.444543 eval-rmse:0.480402 train-mae:1070.96 eval-mae:1155.9  
[599] train-rmse:0.444488 eval-rmse:0.480382 train-mae:1070.76 eval-mae:1155.8  
[600] train-rmse:0.444407 eval-rmse:0.48036 train-mae:1070.47 eval-mae:1155.68  
[601] train-rmse:0.444341 eval-rmse:0.480332 train-mae:1070.24 eval-mae:1155.55  
[602] train-rmse:0.444278 eval-rmse:0.48031 train-mae:1070 eval-mae:1155.44  
[603] train-rmse:0.444186 eval-rmse:0.480292 train-mae:1069.73 eval-mae:1155.35  
[604] train-rmse:0.444073 eval-rmse:0.480261 train-mae:1069.37 eval-mae:1155.21  
[605] train-rmse:0.443997 eval-rmse:0.480236 train-mae:1069.12 eval-mae:1155.11  
[606] train-rmse:0.443918 eval-rmse:0.48021 train-mae:1068.86 eval-mae:1155  
[607] train-rmse:0.443856 eval-rmse:0.480185 train-mae:1068.63 eval-mae:1154.88  
[608] train-rmse:0.443758 eval-rmse:0.480162 train-mae:1068.31 eval-mae:1154.76  
[609] train-rmse:0.443685 eval-rmse:0.48014 train-mae:1068.05 eval-mae:1154.65  
[610] train-rmse:0.443608 eval-rmse:0.480117 train-mae:1067.81 eval-mae:1154.55  
[611] train-rmse:0.443546 eval-rmse:0.480094 train-mae:1067.58 eval-mae:1154.45  
[612] train-rmse:0.443486 eval-rmse:0.480072 train-mae:1067.37 eval-mae:1154.35  
[613] train-rmse:0.443397 eval-rmse:0.480049 train-mae:1067.1 eval-mae:1154.27  
[614] train-rmse:0.443323 eval-rmse:0.480034 train-mae:1066.88 eval-mae:1154.2  
[615] train-rmse:0.44325 eval-rmse:0.480013 train-mae:1066.61 eval-mae:1154.09  
[616] train-rmse:0.443179 eval-rmse:0.47999 train-mae:1066.4 eval-mae:1154.01  
[617] train-rmse:0.443095 eval-rmse:0.479968 train-mae:1066.11 eval-mae:1153.89  
[618] train-rmse:0.443027 eval-rmse:0.479943 train-mae:1065.89 eval-mae:1153.77  
[619] train-rmse:0.442959 eval-rmse:0.47993 train-mae:1065.68 eval-mae:1153.7  
[620] train-rmse:0.442857 eval-rmse:0.47991 train-mae:1065.39 eval-mae:1153.62  
[621] train-rmse:0.442758 eval-rmse:0.479883 train-mae:1065.07 eval-mae:1153.49  
[622] train-rmse:0.442706 eval-rmse:0.479861 train-mae:1064.89 eval-mae:1153.39  
[623] train-rmse:0.442581 eval-rmse:0.479833 train-mae:1064.54 eval-mae:1153.28  
[624] train-rmse:0.442541 eval-rmse:0.479818 train-mae:1064.36 eval-mae:1153.2  
[625] train-rmse:0.442478 eval-rmse:0.479797 train-mae:1064.14 eval-mae:1153.11  
[626] train-rmse:0.44238 eval-rmse:0.479766 train-mae:1063.85 eval-mae:1152.98  
[627] train-rmse:0.442335 eval-rmse:0.47975 train-mae:1063.68 eval-mae:1152.91  
[628] train-rmse:0.44226 eval-rmse:0.479734 train-mae:1063.46 eval-mae:1152.82  
[629] train-rmse:0.442169 eval-rmse:0.47971 train-mae:1063.17 eval-mae:1152.71  
[630] train-rmse:0.442101 eval-rmse:0.479688 train-mae:1062.93 eval-mae:1152.61  
[631] train-rmse:0.442046 eval-rmse:0.479669 train-mae:1062.72 eval-mae:1152.52  
[632] train-rmse:0.441993 eval-rmse:0.479654 train-mae:1062.53 eval-mae:1152.45  
[633] train-rmse:0.441932 eval-rmse:0.479637 train-mae:1062.31 eval-mae:1152.38  
[634] train-rmse:0.441875 eval-rmse:0.479617 train-mae:1062.1 eval-mae:1152.28  
[635] train-rmse:0.441835 eval-rmse:0.479603 train-mae:1061.94 eval-mae:1152.21  
[636] train-rmse:0.441721 eval-rmse:0.479576 train-mae:1061.63 eval-mae:1152.11  
[637] train-rmse:0.441645 eval-rmse:0.479551 train-mae:1061.38 eval-mae:1152.02  
[638] train-rmse:0.441551 eval-rmse:0.479521 train-mae:1061.08 eval-mae:1151.9  
[639] train-rmse:0.441487 eval-rmse:0.479504 train-mae:1060.88 eval-mae:1151.83  
[640] train-rmse:0.44141 eval-rmse:0.47947 train-mae:1060.63 eval-mae:1151.7  
[641] train-rmse:0.441346 eval-rmse:0.479456 train-mae:1060.42 eval-mae:1151.63  
[642] train-rmse:0.441301 eval-rmse:0.479439 train-mae:1060.25 eval-mae:1151.55  
[643] train-rmse:0.441201 eval-rmse:0.479416 train-mae:1059.96 eval-mae:1151.45  
[644] train-rmse:0.441115 eval-rmse:0.479395 train-mae:1059.71 eval-mae:1151.36  
[645] train-rmse:0.441052 eval-rmse:0.479376 train-mae:1059.5 eval-mae:1151.27  
[646] train-rmse:0.440992 eval-rmse:0.479364 train-mae:1059.31 eval-mae:1151.22  
[647] train-rmse:0.440941 eval-rmse:0.479345 train-mae:1059.13 eval-mae:1151.12  
[648] train-rmse:0.44088 eval-rmse:0.479336 train-mae:1058.95 eval-mae:1151.07  
[649] train-rmse:0.440811 eval-rmse:0.479321 train-mae:1058.74 eval-mae:1150.99  
[650] train-rmse:0.440739 eval-rmse:0.479302 train-mae:1058.5 eval-mae:1150.91  
[651] train-rmse:0.440679 eval-rmse:0.479288 train-mae:1058.29 eval-mae:1150.83  
[652] train-rmse:0.440586 eval-rmse:0.479261 train-mae:1057.99 eval-mae:1150.73  
[653] train-rmse:0.440541 eval-rmse:0.479249 train-mae:1057.84 eval-mae:1150.67  
[654] train-rmse:0.440477 eval-rmse:0.479234 train-mae:1057.63 eval-mae:1150.6  
[655] train-rmse:0.440419 eval-rmse:0.479219 train-mae:1057.45 eval-mae:1150.53  
[656] train-rmse:0.440369 eval-rmse:0.479203 train-mae:1057.26 eval-mae:1150.45  
[657] train-rmse:0.440319 eval-rmse:0.479191 train-mae:1057.1 eval-mae:1150.39  
[658] train-rmse:0.440284 eval-rmse:0.47918 train-mae:1056.97 eval-mae:1150.33  
[659] train-rmse:0.440195 eval-rmse:0.47916 train-mae:1056.7 eval-mae:1150.25  
[660] train-rmse:0.44014 eval-rmse:0.479141 train-mae:1056.52 eval-mae:1150.17  
[661] train-rmse:0.440089 eval-rmse:0.479128 train-mae:1056.32 eval-mae:1150.11  
[662] train-rmse:0.440036 eval-rmse:0.479111 train-mae:1056.12 eval-mae:1150.03  
[663] train-rmse:0.43995 eval-rmse:0.479094 train-mae:1055.86 eval-mae:1149.95  
[664] train-rmse:0.439888 eval-rmse:0.479082 train-mae:1055.68 eval-mae:1149.91  
[665] train-rmse:0.439836 eval-rmse:0.479069 train-mae:1055.52 eval-mae:1149.85  
[666] train-rmse:0.439771 eval-rmse:0.479043 train-mae:1055.32 eval-mae:1149.75  
[667] train-rmse:0.439736 eval-rmse:0.479035 train-mae:1055.18 eval-mae:1149.7  
[668] train-rmse:0.439666 eval-rmse:0.479016 train-mae:1054.96 eval-mae:1149.61  
[669] train-rmse:0.439606 eval-rmse:0.479008 train-mae:1054.76 eval-mae:1149.55

[670] train-rmse:0.439544 eval-rmse:0.478998 train-mae:1054.57 eval-mae:1149.5  
[671] train-rmse:0.439463 eval-rmse:0.478976 train-mae:1054.32 eval-mae:1149.41  
[672] train-rmse:0.439416 eval-rmse:0.478964 train-mae:1054.16 eval-mae:1149.35  
[673] train-rmse:0.439361 eval-rmse:0.478951 train-mae:1053.98 eval-mae:1149.29  
[674] train-rmse:0.439278 eval-rmse:0.478942 train-mae:1053.75 eval-mae:1149.25  
[675] train-rmse:0.439221 eval-rmse:0.478933 train-mae:1053.56 eval-mae:1149.22  
[676] train-rmse:0.439175 eval-rmse:0.478927 train-mae:1053.4 eval-mae:1149.16  
[677] train-rmse:0.43913 eval-rmse:0.478915 train-mae:1053.24 eval-mae:1149.1  
[678] train-rmse:0.439073 eval-rmse:0.478902 train-mae:1053.08 eval-mae:1149.04  
[679] train-rmse:0.438999 eval-rmse:0.478889 train-mae:1052.88 eval-mae:1148.99  
[680] train-rmse:0.438938 eval-rmse:0.478874 train-mae:1052.69 eval-mae:1148.93  
[681] train-rmse:0.438847 eval-rmse:0.478857 train-mae:1052.43 eval-mae:1148.86  
[682] train-rmse:0.438779 eval-rmse:0.478837 train-mae:1052.22 eval-mae:1148.78  
[683] train-rmse:0.438751 eval-rmse:0.478829 train-mae:1052.12 eval-mae:1148.74  
[684] train-rmse:0.43868 eval-rmse:0.47881 train-mae:1051.89 eval-mae:1148.65  
[685] train-rmse:0.438622 eval-rmse:0.478798 train-mae:1051.7 eval-mae:1148.59  
[686] train-rmse:0.438533 eval-rmse:0.47878 train-mae:1051.44 eval-mae:1148.5  
[687] train-rmse:0.438444 eval-rmse:0.478757 train-mae:1051.17 eval-mae:1148.41  
[688] train-rmse:0.438371 eval-rmse:0.478743 train-mae:1050.96 eval-mae:1148.35  
[689] train-rmse:0.438309 eval-rmse:0.478725 train-mae:1050.76 eval-mae:1148.27  
[690] train-rmse:0.438256 eval-rmse:0.478713 train-mae:1050.59 eval-mae:1148.22  
[691] train-rmse:0.438216 eval-rmse:0.478697 train-mae:1050.44 eval-mae:1148.15  
[692] train-rmse:0.438143 eval-rmse:0.47868 train-mae:1050.22 eval-mae:1148.08  
[693] train-rmse:0.438095 eval-rmse:0.478673 train-mae:1050.08 eval-mae:1148.04  
[694] train-rmse:0.438054 eval-rmse:0.478663 train-mae:1049.95 eval-mae:1147.99  
[695] train-rmse:0.438004 eval-rmse:0.47865 train-mae:1049.76 eval-mae:1147.93  
[696] train-rmse:0.437982 eval-rmse:0.478643 train-mae:1049.67 eval-mae:1147.89  
[697] train-rmse:0.437914 eval-rmse:0.478627 train-mae:1049.46 eval-mae:1147.81  
[698] train-rmse:0.437864 eval-rmse:0.478614 train-mae:1049.31 eval-mae:1147.76  
[699] train-rmse:0.437829 eval-rmse:0.478605 train-mae:1049.19 eval-mae:1147.72  
[700] train-rmse:0.437778 eval-rmse:0.478593 train-mae:1049.04 eval-mae:1147.67  
[701] train-rmse:0.43767 eval-rmse:0.478569 train-mae:1048.76 eval-mae:1147.6  
[702] train-rmse:0.437627 eval-rmse:0.478556 train-mae:1048.62 eval-mae:1147.54  
[703] train-rmse:0.437552 eval-rmse:0.478538 train-mae:1048.42 eval-mae:1147.46  
[704] train-rmse:0.437518 eval-rmse:0.478527 train-mae:1048.31 eval-mae:1147.42  
[705] train-rmse:0.437464 eval-rmse:0.478523 train-mae:1048.17 eval-mae:1147.39  
[706] train-rmse:0.437431 eval-rmse:0.478515 train-mae:1048.06 eval-mae:1147.35  
[707] train-rmse:0.437377 eval-rmse:0.478502 train-mae:1047.89 eval-mae:1147.3  
[708] train-rmse:0.437323 eval-rmse:0.478491 train-mae:1047.73 eval-mae:1147.26  
[709] train-rmse:0.437279 eval-rmse:0.478479 train-mae:1047.57 eval-mae:1147.21  
[710] train-rmse:0.43723 eval-rmse:0.47847 train-mae:1047.41 eval-mae:1147.17  
[711] train-rmse:0.437169 eval-rmse:0.478464 train-mae:1047.24 eval-mae:1147.13  
[712] train-rmse:0.437098 eval-rmse:0.478447 train-mae:1047.02 eval-mae:1147.05  
[713] train-rmse:0.437042 eval-rmse:0.478439 train-mae:1046.86 eval-mae:1147.01  
[714] train-rmse:0.436969 eval-rmse:0.478426 train-mae:1046.65 eval-mae:1146.95  
[715] train-rmse:0.43689 eval-rmse:0.478416 train-mae:1046.42 eval-mae:1146.91  
[716] train-rmse:0.436835 eval-rmse:0.478402 train-mae:1046.22 eval-mae:1146.83  
[717] train-rmse:0.436794 eval-rmse:0.478395 train-mae:1046.1 eval-mae:1146.8  
[718] train-rmse:0.436765 eval-rmse:0.478386 train-mae:1046 eval-mae:1146.75  
[719] train-rmse:0.436712 eval-rmse:0.478378 train-mae:1045.86 eval-mae:1146.72  
[720] train-rmse:0.436625 eval-rmse:0.478365 train-mae:1045.63 eval-mae:1146.68  
[721] train-rmse:0.436531 eval-rmse:0.478347 train-mae:1045.38 eval-mae:1146.6  
[722] train-rmse:0.436482 eval-rmse:0.478334 train-mae:1045.23 eval-mae:1146.55  
[723] train-rmse:0.436378 eval-rmse:0.478312 train-mae:1044.94 eval-mae:1146.46  
[724] train-rmse:0.436325 eval-rmse:0.478301 train-mae:1044.79 eval-mae:1146.41  
[725] train-rmse:0.436276 eval-rmse:0.478293 train-mae:1044.64 eval-mae:1146.38  
[726] train-rmse:0.436221 eval-rmse:0.478283 train-mae:1044.47 eval-mae:1146.33  
[727] train-rmse:0.436159 eval-rmse:0.478277 train-mae:1044.3 eval-mae:1146.28  
[728] train-rmse:0.436126 eval-rmse:0.478265 train-mae:1044.2 eval-mae:1146.25  
[729] train-rmse:0.436023 eval-rmse:0.478248 train-mae:1043.94 eval-mae:1146.19  
[730] train-rmse:0.435999 eval-rmse:0.478243 train-mae:1043.86 eval-mae:1146.15  
[731] train-rmse:0.435957 eval-rmse:0.478235 train-mae:1043.73 eval-mae:1146.1  
[732] train-rmse:0.435922 eval-rmse:0.478229 train-mae:1043.62 eval-mae:1146.08  
[733] train-rmse:0.435843 eval-rmse:0.478208 train-mae:1043.38 eval-mae:1145.99  
[734] train-rmse:0.435773 eval-rmse:0.478199 train-mae:1043.19 eval-mae:1145.94  
[735] train-rmse:0.435715 eval-rmse:0.47819 train-mae:1043.02 eval-mae:1145.91  
[736] train-rmse:0.435654 eval-rmse:0.47818 train-mae:1042.85 eval-mae:1145.86  
[737] train-rmse:0.435592 eval-rmse:0.478171 train-mae:1042.67 eval-mae:1145.82  
[738] train-rmse:0.435514 eval-rmse:0.478166 train-mae:1042.45 eval-mae:1145.79  
[739] train-rmse:0.435477 eval-rmse:0.47816 train-mae:1042.33 eval-mae:1145.75  
[740] train-rmse:0.435418 eval-rmse:0.478149 train-mae:1042.16 eval-mae:1145.71  
[741] train-rmse:0.43534 eval-rmse:0.478133 train-mae:1041.93 eval-mae:1145.64

[742] train-rmse:0.435276 eval-rmse:0.478117 train-mae:1041.71 eval-mae:1145.58  
[743] train-rmse:0.43523 eval-rmse:0.478107 train-mae:1041.6 eval-mae:1145.54  
[744] train-rmse:0.43518 eval-rmse:0.478098 train-mae:1041.44 eval-mae:1145.51  
[745] train-rmse:0.435135 eval-rmse:0.478089 train-mae:1041.3 eval-mae:1145.47  
[746] train-rmse:0.435035 eval-rmse:0.478064 train-mae:1041.03 eval-mae:1145.37  
[747] train-rmse:0.434986 eval-rmse:0.478048 train-mae:1040.88 eval-mae:1145.31  
[748] train-rmse:0.434944 eval-rmse:0.478038 train-mae:1040.76 eval-mae:1145.27  
[749] train-rmse:0.434886 eval-rmse:0.478029 train-mae:1040.6 eval-mae:1145.24  
[750] train-rmse:0.43479 eval-rmse:0.478017 train-mae:1040.35 eval-mae:1145.19  
[751] train-rmse:0.434742 eval-rmse:0.478002 train-mae:1040.2 eval-mae:1145.12  
[752] train-rmse:0.434711 eval-rmse:0.477991 train-mae:1040.09 eval-mae:1145.08  
[753] train-rmse:0.434684 eval-rmse:0.477986 train-mae:1040 eval-mae:1145.06  
[754] train-rmse:0.434652 eval-rmse:0.477977 train-mae:1039.89 eval-mae:1145.02  
[755] train-rmse:0.434599 eval-rmse:0.477965 train-mae:1039.72 eval-mae:1144.96  
[756] train-rmse:0.434568 eval-rmse:0.477957 train-mae:1039.62 eval-mae:1144.93  
[757] train-rmse:0.434529 eval-rmse:0.477948 train-mae:1039.51 eval-mae:1144.91  
[758] train-rmse:0.434476 eval-rmse:0.477938 train-mae:1039.35 eval-mae:1144.85  
[759] train-rmse:0.434413 eval-rmse:0.477928 train-mae:1039.16 eval-mae:1144.81  
[760] train-rmse:0.434368 eval-rmse:0.477919 train-mae:1039.02 eval-mae:1144.76  
[761] train-rmse:0.434316 eval-rmse:0.477912 train-mae:1038.88 eval-mae:1144.73  
[762] train-rmse:0.434277 eval-rmse:0.477904 train-mae:1038.75 eval-mae:1144.7  
[763] train-rmse:0.434219 eval-rmse:0.477896 train-mae:1038.59 eval-mae:1144.66  
[764] train-rmse:0.434173 eval-rmse:0.477895 train-mae:1038.45 eval-mae:1144.65  
[765] train-rmse:0.434086 eval-rmse:0.477873 train-mae:1038.22 eval-mae:1144.58  
[766] train-rmse:0.434038 eval-rmse:0.477867 train-mae:1038.06 eval-mae:1144.55  
[767] train-rmse:0.433992 eval-rmse:0.477852 train-mae:1037.92 eval-mae:1144.5  
[768] train-rmse:0.433954 eval-rmse:0.477849 train-mae:1037.82 eval-mae:1144.47  
[769] train-rmse:0.433907 eval-rmse:0.477843 train-mae:1037.7 eval-mae:1144.45  
[770] train-rmse:0.433858 eval-rmse:0.477831 train-mae:1037.55 eval-mae:1144.4  
[771] train-rmse:0.433803 eval-rmse:0.47782 train-mae:1037.38 eval-mae:1144.34  
[772] train-rmse:0.433761 eval-rmse:0.477808 train-mae:1037.25 eval-mae:1144.3  
[773] train-rmse:0.433705 eval-rmse:0.477797 train-mae:1037.11 eval-mae:1144.26  
[774] train-rmse:0.433652 eval-rmse:0.477785 train-mae:1036.96 eval-mae:1144.22  
[775] train-rmse:0.433602 eval-rmse:0.477775 train-mae:1036.8 eval-mae:1144.16  
[776] train-rmse:0.433575 eval-rmse:0.477772 train-mae:1036.71 eval-mae:1144.14  
[777] train-rmse:0.433539 eval-rmse:0.477757 train-mae:1036.6 eval-mae:1144.08  
[778] train-rmse:0.433493 eval-rmse:0.477751 train-mae:1036.47 eval-mae:1144.05  
[779] train-rmse:0.433456 eval-rmse:0.477744 train-mae:1036.37 eval-mae:1144.03  
[780] train-rmse:0.433428 eval-rmse:0.477738 train-mae:1036.29 eval-mae:1144.01  
[781] train-rmse:0.433368 eval-rmse:0.477729 train-mae:1036.15 eval-mae:1143.97  
[782] train-rmse:0.433327 eval-rmse:0.477721 train-mae:1036.03 eval-mae:1143.94  
[783] train-rmse:0.433285 eval-rmse:0.477714 train-mae:1035.91 eval-mae:1143.91  
[784] train-rmse:0.433206 eval-rmse:0.477702 train-mae:1035.7 eval-mae:1143.87  
[785] train-rmse:0.43317 eval-rmse:0.477697 train-mae:1035.6 eval-mae:1143.84  
[786] train-rmse:0.433131 eval-rmse:0.477687 train-mae:1035.49 eval-mae:1143.8  
[787] train-rmse:0.433087 eval-rmse:0.477677 train-mae:1035.34 eval-mae:1143.77  
[788] train-rmse:0.433006 eval-rmse:0.477661 train-mae:1035.12 eval-mae:1143.7  
[789] train-rmse:0.432962 eval-rmse:0.477656 train-mae:1035.02 eval-mae:1143.68  
[790] train-rmse:0.432904 eval-rmse:0.477643 train-mae:1034.85 eval-mae:1143.61  
[791] train-rmse:0.43287 eval-rmse:0.477636 train-mae:1034.72 eval-mae:1143.57  
[792] train-rmse:0.432819 eval-rmse:0.477625 train-mae:1034.58 eval-mae:1143.53  
[793] train-rmse:0.43279 eval-rmse:0.477622 train-mae:1034.5 eval-mae:1143.52  
[794] train-rmse:0.432748 eval-rmse:0.477609 train-mae:1034.37 eval-mae:1143.47  
[795] train-rmse:0.432724 eval-rmse:0.4776 train-mae:1034.29 eval-mae:1143.43  
[796] train-rmse:0.432676 eval-rmse:0.477589 train-mae:1034.15 eval-mae:1143.4  
[797] train-rmse:0.432625 eval-rmse:0.477586 train-mae:1034.01 eval-mae:1143.37  
[798] train-rmse:0.432588 eval-rmse:0.477583 train-mae:1033.9 eval-mae:1143.35  
[799] train-rmse:0.432557 eval-rmse:0.477577 train-mae:1033.81 eval-mae:1143.32  
[800] train-rmse:0.432521 eval-rmse:0.477569 train-mae:1033.7 eval-mae:1143.28  
[801] train-rmse:0.432461 eval-rmse:0.477562 train-mae:1033.53 eval-mae:1143.26  
[802] train-rmse:0.432433 eval-rmse:0.477561 train-mae:1033.45 eval-mae:1143.24  
[803] train-rmse:0.432365 eval-rmse:0.47755 train-mae:1033.25 eval-mae:1143.18  
[804] train-rmse:0.432309 eval-rmse:0.477546 train-mae:1033.1 eval-mae:1143.16  
[805] train-rmse:0.432265 eval-rmse:0.477531 train-mae:1032.97 eval-mae:1143.11  
[806] train-rmse:0.43224 eval-rmse:0.477524 train-mae:1032.89 eval-mae:1143.09  
[807] train-rmse:0.432197 eval-rmse:0.477515 train-mae:1032.76 eval-mae:1143.05  
[808] train-rmse:0.432153 eval-rmse:0.477509 train-mae:1032.63 eval-mae:1143.02  
[809] train-rmse:0.432113 eval-rmse:0.477499 train-mae:1032.52 eval-mae:1143  
[810] train-rmse:0.432082 eval-rmse:0.477491 train-mae:1032.41 eval-mae:1142.97  
[811] train-rmse:0.432047 eval-rmse:0.477484 train-mae:1032.31 eval-mae:1142.94  
[812] train-rmse:0.431996 eval-rmse:0.477479 train-mae:1032.15 eval-mae:1142.91  
[813] train-rmse:0.431959 eval-rmse:0.477474 train-mae:1032.04 eval-mae:1142.89

[814] train-rmse:0.431927 eval-rmse:0.477469 train-mae:1031.94 eval-mae:1142.87  
[815] train-rmse:0.431872 eval-rmse:0.477458 train-mae:1031.79 eval-mae:1142.83  
[816] train-rmse:0.431846 eval-rmse:0.477457 train-mae:1031.72 eval-mae:1142.81  
[817] train-rmse:0.431817 eval-rmse:0.47745 train-mae:1031.61 eval-mae:1142.78  
[818] train-rmse:0.431781 eval-rmse:0.477444 train-mae:1031.51 eval-mae:1142.76  
[819] train-rmse:0.431748 eval-rmse:0.477439 train-mae:1031.42 eval-mae:1142.75  
[820] train-rmse:0.431692 eval-rmse:0.47743 train-mae:1031.26 eval-mae:1142.72  
[821] train-rmse:0.431653 eval-rmse:0.477424 train-mae:1031.14 eval-mae:1142.69  
[822] train-rmse:0.431597 eval-rmse:0.477415 train-mae:1030.97 eval-mae:1142.67  
[823] train-rmse:0.431541 eval-rmse:0.477406 train-mae:1030.82 eval-mae:1142.64  
[824] train-rmse:0.43151 eval-rmse:0.477398 train-mae:1030.72 eval-mae:1142.62  
[825] train-rmse:0.431455 eval-rmse:0.47739 train-mae:1030.55 eval-mae:1142.58  
[826] train-rmse:0.431417 eval-rmse:0.477383 train-mae:1030.44 eval-mae:1142.56  
[827] train-rmse:0.43139 eval-rmse:0.477381 train-mae:1030.34 eval-mae:1142.54  
[828] train-rmse:0.431317 eval-rmse:0.47737 train-mae:1030.16 eval-mae:1142.5  
[829] train-rmse:0.431299 eval-rmse:0.47737 train-mae:1030.11 eval-mae:1142.49  
[830] train-rmse:0.431269 eval-rmse:0.477361 train-mae:1030.02 eval-mae:1142.45  
[831] train-rmse:0.431231 eval-rmse:0.477352 train-mae:1029.89 eval-mae:1142.42  
[832] train-rmse:0.431149 eval-rmse:0.47734 train-mae:1029.66 eval-mae:1142.37  
[833] train-rmse:0.431118 eval-rmse:0.477334 train-mae:1029.57 eval-mae:1142.35  
[834] train-rmse:0.431051 eval-rmse:0.477324 train-mae:1029.4 eval-mae:1142.32  
[835] train-rmse:0.431031 eval-rmse:0.477319 train-mae:1029.33 eval-mae:1142.3  
[836] train-rmse:0.430967 eval-rmse:0.477314 train-mae:1029.18 eval-mae:1142.3  
[837] train-rmse:0.430922 eval-rmse:0.477306 train-mae:1029.07 eval-mae:1142.27  
[838] train-rmse:0.43086 eval-rmse:0.477298 train-mae:1028.9 eval-mae:1142.24  
[839] train-rmse:0.430825 eval-rmse:0.477292 train-mae:1028.8 eval-mae:1142.22  
[840] train-rmse:0.430799 eval-rmse:0.477288 train-mae:1028.72 eval-mae:1142.2  
[841] train-rmse:0.430769 eval-rmse:0.477284 train-mae:1028.63 eval-mae:1142.19  
[842] train-rmse:0.430738 eval-rmse:0.477276 train-mae:1028.53 eval-mae:1142.15  
[843] train-rmse:0.430668 eval-rmse:0.477265 train-mae:1028.34 eval-mae:1142.1  
[844] train-rmse:0.430634 eval-rmse:0.477257 train-mae:1028.24 eval-mae:1142.08  
[845] train-rmse:0.430574 eval-rmse:0.477252 train-mae:1028.08 eval-mae:1142.06  
[846] train-rmse:0.43054 eval-rmse:0.477244 train-mae:1027.98 eval-mae:1142.03  
[847] train-rmse:0.430502 eval-rmse:0.477239 train-mae:1027.87 eval-mae:1142.01  
[848] train-rmse:0.430443 eval-rmse:0.47723 train-mae:1027.69 eval-mae:1141.98  
[849] train-rmse:0.430414 eval-rmse:0.477227 train-mae:1027.6 eval-mae:1141.96  
[850] train-rmse:0.430374 eval-rmse:0.477225 train-mae:1027.49 eval-mae:1141.94  
[851] train-rmse:0.430345 eval-rmse:0.47722 train-mae:1027.39 eval-mae:1141.92  
[852] train-rmse:0.43028 eval-rmse:0.47721 train-mae:1027.21 eval-mae:1141.87  
[853] train-rmse:0.430258 eval-rmse:0.477209 train-mae:1027.13 eval-mae:1141.86  
[854] train-rmse:0.430221 eval-rmse:0.477203 train-mae:1027.02 eval-mae:1141.83  
[855] train-rmse:0.430179 eval-rmse:0.477202 train-mae:1026.91 eval-mae:1141.82  
[856] train-rmse:0.430121 eval-rmse:0.477191 train-mae:1026.73 eval-mae:1141.77  
[857] train-rmse:0.430079 eval-rmse:0.477181 train-mae:1026.6 eval-mae:1141.75  
[858] train-rmse:0.430041 eval-rmse:0.477177 train-mae:1026.51 eval-mae:1141.73  
[859] train-rmse:0.429963 eval-rmse:0.477173 train-mae:1026.3 eval-mae:1141.71  
[860] train-rmse:0.429919 eval-rmse:0.477167 train-mae:1026.18 eval-mae:1141.68  
[861] train-rmse:0.42989 eval-rmse:0.477159 train-mae:1026.11 eval-mae:1141.66  
[862] train-rmse:0.429865 eval-rmse:0.477158 train-mae:1026.03 eval-mae:1141.65  
[863] train-rmse:0.429846 eval-rmse:0.477156 train-mae:1025.98 eval-mae:1141.64  
[864] train-rmse:0.429803 eval-rmse:0.477151 train-mae:1025.87 eval-mae:1141.63  
[865] train-rmse:0.42978 eval-rmse:0.477146 train-mae:1025.81 eval-mae:1141.61  
[866] train-rmse:0.429742 eval-rmse:0.477145 train-mae:1025.69 eval-mae:1141.61  
[867] train-rmse:0.429677 eval-rmse:0.477136 train-mae:1025.54 eval-mae:1141.58  
[868] train-rmse:0.429648 eval-rmse:0.477131 train-mae:1025.45 eval-mae:1141.56  
[869] train-rmse:0.429606 eval-rmse:0.477128 train-mae:1025.34 eval-mae:1141.54  
[870] train-rmse:0.429576 eval-rmse:0.477125 train-mae:1025.25 eval-mae:1141.52  
[871] train-rmse:0.429534 eval-rmse:0.47712 train-mae:1025.14 eval-mae:1141.49  
[872] train-rmse:0.429517 eval-rmse:0.477116 train-mae:1025.08 eval-mae:1141.48  
[873] train-rmse:0.429463 eval-rmse:0.477112 train-mae:1024.94 eval-mae:1141.46  
[874] train-rmse:0.429432 eval-rmse:0.477109 train-mae:1024.86 eval-mae:1141.44  
[875] train-rmse:0.429396 eval-rmse:0.477106 train-mae:1024.75 eval-mae:1141.43  
[876] train-rmse:0.429373 eval-rmse:0.477099 train-mae:1024.69 eval-mae:1141.41  
[877] train-rmse:0.42935 eval-rmse:0.477096 train-mae:1024.61 eval-mae:1141.4  
[878] train-rmse:0.429312 eval-rmse:0.477085 train-mae:1024.5 eval-mae:1141.36  
[879] train-rmse:0.429276 eval-rmse:0.477082 train-mae:1024.39 eval-mae:1141.35  
[880] train-rmse:0.429242 eval-rmse:0.477078 train-mae:1024.28 eval-mae:1141.33  
[881] train-rmse:0.429229 eval-rmse:0.477078 train-mae:1024.24 eval-mae:1141.33  
[882] train-rmse:0.429177 eval-rmse:0.477076 train-mae:1024.12 eval-mae:1141.32  
[883] train-rmse:0.429143 eval-rmse:0.477069 train-mae:1024.03 eval-mae:1141.3  
[884] train-rmse:0.429109 eval-rmse:0.477067 train-mae:1023.95 eval-mae:1141.29  
[885] train-rmse:0.429065 eval-rmse:0.477064 train-mae:1023.83 eval-mae:1141.27

[886] train-rmse:0.429007 eval-rmse:0.477058 train-mae:1023.68 eval-mae:1141.26  
[887] train-rmse:0.428937 eval-rmse:0.477057 train-mae:1023.51 eval-mae:1141.25  
[888] train-rmse:0.428905 eval-rmse:0.477052 train-mae:1023.42 eval-mae:1141.24  
[889] train-rmse:0.42888 eval-rmse:0.477047 train-mae:1023.35 eval-mae:1141.22  
[890] train-rmse:0.428849 eval-rmse:0.477044 train-mae:1023.25 eval-mae:1141.2  
[891] train-rmse:0.428806 eval-rmse:0.477041 train-mae:1023.14 eval-mae:1141.2  
[892] train-rmse:0.428787 eval-rmse:0.47704 train-mae:1023.09 eval-mae:1141.2  
[893] train-rmse:0.428759 eval-rmse:0.477036 train-mae:1023.01 eval-mae:1141.18  
[894] train-rmse:0.428712 eval-rmse:0.477033 train-mae:1022.9 eval-mae:1141.17  
[895] train-rmse:0.428658 eval-rmse:0.477024 train-mae:1022.75 eval-mae:1141.14  
[896] train-rmse:0.428639 eval-rmse:0.477023 train-mae:1022.69 eval-mae:1141.12  
[897] train-rmse:0.428596 eval-rmse:0.477015 train-mae:1022.57 eval-mae:1141.1  
[898] train-rmse:0.428548 eval-rmse:0.477002 train-mae:1022.44 eval-mae:1141.06  
[899] train-rmse:0.428524 eval-rmse:0.476999 train-mae:1022.37 eval-mae:1141.04  
[900] train-rmse:0.428505 eval-rmse:0.476993 train-mae:1022.29 eval-mae:1141.02  
[901] train-rmse:0.428473 eval-rmse:0.476993 train-mae:1022.19 eval-mae:1141  
[902] train-rmse:0.428427 eval-rmse:0.476993 train-mae:1022.08 eval-mae:1141.01  
[903] train-rmse:0.428398 eval-rmse:0.47699 train-mae:1022 eval-mae:1141  
[904] train-rmse:0.428388 eval-rmse:0.476988 train-mae:1021.96 eval-mae:1140.98  
[905] train-rmse:0.428364 eval-rmse:0.476989 train-mae:1021.9 eval-mae:1140.98  
[906] train-rmse:0.428333 eval-rmse:0.476985 train-mae:1021.81 eval-mae:1140.96  
[907] train-rmse:0.428309 eval-rmse:0.476981 train-mae:1021.74 eval-mae:1140.94  
[908] train-rmse:0.428284 eval-rmse:0.476979 train-mae:1021.66 eval-mae:1140.93  
[909] train-rmse:0.428239 eval-rmse:0.476973 train-mae:1021.55 eval-mae:1140.91  
[910] train-rmse:0.428201 eval-rmse:0.476974 train-mae:1021.46 eval-mae:1140.9  
[911] train-rmse:0.428124 eval-rmse:0.476961 train-mae:1021.24 eval-mae:1140.86  
[912] train-rmse:0.42807 eval-rmse:0.476953 train-mae:1021.11 eval-mae:1140.84  
[913] train-rmse:0.428031 eval-rmse:0.476951 train-mae:1021 eval-mae:1140.83  
[914] train-rmse:0.427985 eval-rmse:0.476944 train-mae:1020.86 eval-mae:1140.8  
[915] train-rmse:0.42793 eval-rmse:0.476937 train-mae:1020.73 eval-mae:1140.79  
[916] train-rmse:0.42789 eval-rmse:0.476924 train-mae:1020.63 eval-mae:1140.75  
[917] train-rmse:0.42783 eval-rmse:0.476916 train-mae:1020.48 eval-mae:1140.73  
[918] train-rmse:0.427789 eval-rmse:0.476901 train-mae:1020.37 eval-mae:1140.69  
[919] train-rmse:0.427737 eval-rmse:0.476895 train-mae:1020.23 eval-mae:1140.67  
[920] train-rmse:0.427697 eval-rmse:0.476894 train-mae:1020.13 eval-mae:1140.67  
[921] train-rmse:0.427654 eval-rmse:0.476889 train-mae:1020.01 eval-mae:1140.65  
[922] train-rmse:0.427631 eval-rmse:0.476885 train-mae:1019.94 eval-mae:1140.63  
[923] train-rmse:0.427599 eval-rmse:0.476878 train-mae:1019.84 eval-mae:1140.61  
[924] train-rmse:0.427578 eval-rmse:0.476871 train-mae:1019.79 eval-mae:1140.58  
[925] train-rmse:0.427548 eval-rmse:0.476868 train-mae:1019.71 eval-mae:1140.57  
[926] train-rmse:0.427518 eval-rmse:0.476861 train-mae:1019.62 eval-mae:1140.55  
[927] train-rmse:0.427472 eval-rmse:0.476853 train-mae:1019.48 eval-mae:1140.52  
[928] train-rmse:0.427392 eval-rmse:0.476846 train-mae:1019.27 eval-mae:1140.5  
[929] train-rmse:0.427339 eval-rmse:0.476839 train-mae:1019.14 eval-mae:1140.47  
[930] train-rmse:0.427283 eval-rmse:0.476835 train-mae:1019 eval-mae:1140.44  
[931] train-rmse:0.427256 eval-rmse:0.476832 train-mae:1018.91 eval-mae:1140.42  
[932] train-rmse:0.42722 eval-rmse:0.476823 train-mae:1018.8 eval-mae:1140.4  
[933] train-rmse:0.427176 eval-rmse:0.476818 train-mae:1018.67 eval-mae:1140.37  
[934] train-rmse:0.42714 eval-rmse:0.476815 train-mae:1018.57 eval-mae:1140.36  
[935] train-rmse:0.42712 eval-rmse:0.476811 train-mae:1018.51 eval-mae:1140.36  
[936] train-rmse:0.427076 eval-rmse:0.476809 train-mae:1018.4 eval-mae:1140.34  
[937] train-rmse:0.427019 eval-rmse:0.476802 train-mae:1018.26 eval-mae:1140.32  
[938] train-rmse:0.426999 eval-rmse:0.476799 train-mae:1018.2 eval-mae:1140.3  
[939] train-rmse:0.426955 eval-rmse:0.47679 train-mae:1018.07 eval-mae:1140.27  
[940] train-rmse:0.426926 eval-rmse:0.476783 train-mae:1017.98 eval-mae:1140.25  
[941] train-rmse:0.426892 eval-rmse:0.476775 train-mae:1017.89 eval-mae:1140.23  
[942] train-rmse:0.426859 eval-rmse:0.476771 train-mae:1017.81 eval-mae:1140.23  
[943] train-rmse:0.4268 eval-rmse:0.476762 train-mae:1017.65 eval-mae:1140.19  
[944] train-rmse:0.426768 eval-rmse:0.47676 train-mae:1017.55 eval-mae:1140.17  
[945] train-rmse:0.426726 eval-rmse:0.476755 train-mae:1017.45 eval-mae:1140.16  
[946] train-rmse:0.426689 eval-rmse:0.476746 train-mae:1017.34 eval-mae:1140.12  
[947] train-rmse:0.426665 eval-rmse:0.476743 train-mae:1017.27 eval-mae:1140.11  
[948] train-rmse:0.42665 eval-rmse:0.476738 train-mae:1017.22 eval-mae:1140.09  
[949] train-rmse:0.426634 eval-rmse:0.476738 train-mae:1017.17 eval-mae:1140.08  
[950] train-rmse:0.426593 eval-rmse:0.476735 train-mae:1017.06 eval-mae:1140.07  
[951] train-rmse:0.426555 eval-rmse:0.476732 train-mae:1016.96 eval-mae:1140.05  
[952] train-rmse:0.426518 eval-rmse:0.47673 train-mae:1016.87 eval-mae:1140.04  
[953] train-rmse:0.426468 eval-rmse:0.476725 train-mae:1016.77 eval-mae:1140.04  
[954] train-rmse:0.426454 eval-rmse:0.476724 train-mae:1016.73 eval-mae:1140.03  
[955] train-rmse:0.426392 eval-rmse:0.476721 train-mae:1016.56 eval-mae:1140.02  
[956] train-rmse:0.426349 eval-rmse:0.476714 train-mae:1016.43 eval-mae:1140  
[957] train-rmse:0.426303 eval-rmse:0.476705 train-mae:1016.3 eval-mae:1139.97

[558] train-rmse:0.426246 eval-rmse:0.476697 train-mae:1016.15 eval-mae:1139.94  
[559] train-rmse:0.42622 eval-rmse:0.476694 train-mae:1016.09 eval-mae:1139.93  
[560] train-rmse:0.426201 eval-rmse:0.476692 train-mae:1016.03 eval-mae:1139.91  
[561] train-rmse:0.426176 eval-rmse:0.476689 train-mae:1015.96 eval-mae:1139.9  
[562] train-rmse:0.426155 eval-rmse:0.476687 train-mae:1015.9 eval-mae:1139.9  
[563] train-rmse:0.426115 eval-rmse:0.476677 train-mae:1015.8 eval-mae:1139.88  
[564] train-rmse:0.426073 eval-rmse:0.476671 train-mae:1015.69 eval-mae:1139.85  
[565] train-rmse:0.42605 eval-rmse:0.476668 train-mae:1015.62 eval-mae:1139.85  
[566] train-rmse:0.426017 eval-rmse:0.476667 train-mae:1015.53 eval-mae:1139.84  
[567] train-rmse:0.425976 eval-rmse:0.476664 train-mae:1015.43 eval-mae:1139.82  
[568] train-rmse:0.425941 eval-rmse:0.47666 train-mae:1015.34 eval-mae:1139.81  
[569] train-rmse:0.425885 eval-rmse:0.476657 train-mae:1015.19 eval-mae:1139.8  
[570] train-rmse:0.425859 eval-rmse:0.476657 train-mae:1015.12 eval-mae:1139.8  
[571] train-rmse:0.425827 eval-rmse:0.476652 train-mae:1015.03 eval-mae:1139.78  
[572] train-rmse:0.425788 eval-rmse:0.476646 train-mae:1014.93 eval-mae:1139.76  
[573] train-rmse:0.425724 eval-rmse:0.476639 train-mae:1014.78 eval-mae:1139.74  
[574] train-rmse:0.425658 eval-rmse:0.476628 train-mae:1014.6 eval-mae:1139.68  
[575] train-rmse:0.425635 eval-rmse:0.476626 train-mae:1014.54 eval-mae:1139.67  
[576] train-rmse:0.425596 eval-rmse:0.47662 train-mae:1014.43 eval-mae:1139.65  
[577] train-rmse:0.425552 eval-rmse:0.476614 train-mae:1014.3 eval-mae:1139.64  
[578] train-rmse:0.425507 eval-rmse:0.47661 train-mae:1014.18 eval-mae:1139.63  
[579] train-rmse:0.425481 eval-rmse:0.476606 train-mae:1014.1 eval-mae:1139.61  
[580] train-rmse:0.425461 eval-rmse:0.476602 train-mae:1014.05 eval-mae:1139.6  
[581] train-rmse:0.425453 eval-rmse:0.476601 train-mae:1014.02 eval-mae:1139.6  
[582] train-rmse:0.425428 eval-rmse:0.476597 train-mae:1013.95 eval-mae:1139.58  
[583] train-rmse:0.425404 eval-rmse:0.476593 train-mae:1013.88 eval-mae:1139.57  
[584] train-rmse:0.425367 eval-rmse:0.476587 train-mae:1013.78 eval-mae:1139.57  
[585] train-rmse:0.425329 eval-rmse:0.476584 train-mae:1013.68 eval-mae:1139.56  
[586] train-rmse:0.425304 eval-rmse:0.476583 train-mae:1013.6 eval-mae:1139.56  
[587] train-rmse:0.425228 eval-rmse:0.476569 train-mae:1013.41 eval-mae:1139.51  
[588] train-rmse:0.425212 eval-rmse:0.476569 train-mae:1013.36 eval-mae:1139.51  
[589] train-rmse:0.425171 eval-rmse:0.476566 train-mae:1013.25 eval-mae:1139.5  
[590] train-rmse:0.425138 eval-rmse:0.47656 train-mae:1013.16 eval-mae:1139.48  
[591] train-rmse:0.425114 eval-rmse:0.476554 train-mae:1013.1 eval-mae:1139.46  
[592] train-rmse:0.42505 eval-rmse:0.476547 train-mae:1012.94 eval-mae:1139.44  
[593] train-rmse:0.425006 eval-rmse:0.476543 train-mae:1012.85 eval-mae:1139.44  
[594] train-rmse:0.424961 eval-rmse:0.47654 train-mae:1012.73 eval-mae:1139.42  
[595] train-rmse:0.424935 eval-rmse:0.476538 train-mae:1012.66 eval-mae:1139.41  
[596] train-rmse:0.42488 eval-rmse:0.476538 train-mae:1012.52 eval-mae:1139.41  
[597] train-rmse:0.424839 eval-rmse:0.47653 train-mae:1012.4 eval-mae:1139.38  
[598] train-rmse:0.424819 eval-rmse:0.476528 train-mae:1012.33 eval-mae:1139.36  
[599] train-rmse:0.424762 eval-rmse:0.476526 train-mae:1012.19 eval-mae:1139.35  
[1000] train-rmse:0.424718 eval-rmse:0.476516 train-mae:1012.07 eval-mae:1139.33  
[1001] train-rmse:0.424707 eval-rmse:0.476514 train-mae:1012.03 eval-mae:1139.32  
[1002] train-rmse:0.424675 eval-rmse:0.476506 train-mae:1011.95 eval-mae:1139.29  
[1003] train-rmse:0.424647 eval-rmse:0.476502 train-mae:1011.86 eval-mae:1139.28  
[1004] train-rmse:0.424573 eval-rmse:0.476494 train-mae:1011.66 eval-mae:1139.23  
[1005] train-rmse:0.424545 eval-rmse:0.476489 train-mae:1011.58 eval-mae:1139.22  
[1006] train-rmse:0.424516 eval-rmse:0.476485 train-mae:1011.5 eval-mae:1139.21  
[1007] train-rmse:0.424499 eval-rmse:0.476483 train-mae:1011.46 eval-mae:1139.21  
[1008] train-rmse:0.42446 eval-rmse:0.476478 train-mae:1011.35 eval-mae:1139.2  
[1009] train-rmse:0.424427 eval-rmse:0.476476 train-mae:1011.25 eval-mae:1139.18  
[1010] train-rmse:0.424412 eval-rmse:0.476473 train-mae:1011.2 eval-mae:1139.18  
[1011] train-rmse:0.424369 eval-rmse:0.476468 train-mae:1011.08 eval-mae:1139.17  
[1012] train-rmse:0.424332 eval-rmse:0.476465 train-mae:1010.98 eval-mae:1139.15  
[1013] train-rmse:0.424299 eval-rmse:0.47646 train-mae:1010.9 eval-mae:1139.13  
[1014] train-rmse:0.424275 eval-rmse:0.476457 train-mae:1010.84 eval-mae:1139.14  
[1015] train-rmse:0.424245 eval-rmse:0.476454 train-mae:1010.75 eval-mae:1139.13  
[1016] train-rmse:0.424209 eval-rmse:0.476448 train-mae:1010.65 eval-mae:1139.11  
[1017] train-rmse:0.424166 eval-rmse:0.476445 train-mae:1010.54 eval-mae:1139.11  
[1018] train-rmse:0.424146 eval-rmse:0.476442 train-mae:1010.48 eval-mae:1139.1  
[1019] train-rmse:0.424121 eval-rmse:0.476437 train-mae:1010.42 eval-mae:1139.08  
[1020] train-rmse:0.424088 eval-rmse:0.476436 train-mae:1010.32 eval-mae:1139.07  
[1021] train-rmse:0.424058 eval-rmse:0.476436 train-mae:1010.25 eval-mae:1139.06  
[1022] train-rmse:0.424031 eval-rmse:0.476433 train-mae:1010.17 eval-mae:1139.05  
[1023] train-rmse:0.423995 eval-rmse:0.476432 train-mae:1010.09 eval-mae:1139.06  
[1024] train-rmse:0.423977 eval-rmse:0.47643 train-mae:1010.05 eval-mae:1139.06  
[1025] train-rmse:0.423962 eval-rmse:0.476429 train-mae:1010.01 eval-mae:1139.05  
[1026] train-rmse:0.42392 eval-rmse:0.476421 train-mae:1009.89 eval-mae:1139.03  
[1027] train-rmse:0.423903 eval-rmse:0.476421 train-mae:1009.84 eval-mae:1139.03  
[1028] train-rmse:0.423876 eval-rmse:0.476419 train-mae:1009.77 eval-mae:1139.03  
[1029] train-rmse:0.423858 eval-rmse:0.476415 train-mae:1009.72 eval-mae:1139.02

[1030] train-rmse:0.423804 eval-rmse:0.476407 train-mae:1009.57 eval-mae:1139  
[1031] train-rmse:0.423781 eval-rmse:0.476407 train-mae:1009.49 eval-mae:1139  
[1032] train-rmse:0.423748 eval-rmse:0.476402 train-mae:1009.4 eval-mae:1138.99  
[1033] train-rmse:0.423689 eval-rmse:0.476401 train-mae:1009.26 eval-mae:1138.99  
[1034] train-rmse:0.423662 eval-rmse:0.476399 train-mae:1009.18 eval-mae:1138.98  
[1035] train-rmse:0.423632 eval-rmse:0.476396 train-mae:1009.09 eval-mae:1138.97  
[1036] train-rmse:0.42361 eval-rmse:0.476393 train-mae:1009.02 eval-mae:1138.95  
[1037] train-rmse:0.423552 eval-rmse:0.476384 train-mae:1008.86 eval-mae:1138.92  
[1038] train-rmse:0.423524 eval-rmse:0.476378 train-mae:1008.79 eval-mae:1138.9  
[1039] train-rmse:0.42346 eval-rmse:0.476372 train-mae:1008.62 eval-mae:1138.88  
[1040] train-rmse:0.423436 eval-rmse:0.47637 train-mae:1008.56 eval-mae:1138.88  
[1041] train-rmse:0.423401 eval-rmse:0.476367 train-mae:1008.49 eval-mae:1138.88  
[1042] train-rmse:0.42335 eval-rmse:0.476364 train-mae:1008.35 eval-mae:1138.87  
[1043] train-rmse:0.423342 eval-rmse:0.476362 train-mae:1008.33 eval-mae:1138.85  
[1044] train-rmse:0.423303 eval-rmse:0.476362 train-mae:1008.22 eval-mae:1138.85  
[1045] train-rmse:0.423274 eval-rmse:0.47636 train-mae:1008.14 eval-mae:1138.85  
[1046] train-rmse:0.423251 eval-rmse:0.47636 train-mae:1008.07 eval-mae:1138.84  
[1047] train-rmse:0.423229 eval-rmse:0.476356 train-mae:1008 eval-mae:1138.82  
[1048] train-rmse:0.423177 eval-rmse:0.476346 train-mae:1007.86 eval-mae:1138.78  
[1049] train-rmse:0.423139 eval-rmse:0.476342 train-mae:1007.74 eval-mae:1138.77  
[1050] train-rmse:0.423106 eval-rmse:0.476339 train-mae:1007.67 eval-mae:1138.76  
[1051] train-rmse:0.423082 eval-rmse:0.476337 train-mae:1007.6 eval-mae:1138.76  
[1052] train-rmse:0.423053 eval-rmse:0.476335 train-mae:1007.53 eval-mae:1138.75  
[1053] train-rmse:0.42302 eval-rmse:0.476329 train-mae:1007.44 eval-mae:1138.74  
[1054] train-rmse:0.422978 eval-rmse:0.476326 train-mae:1007.35 eval-mae:1138.73  
[1055] train-rmse:0.422935 eval-rmse:0.476316 train-mae:1007.22 eval-mae:1138.71  
[1056] train-rmse:0.422876 eval-rmse:0.476311 train-mae:1007.06 eval-mae:1138.69  
[1057] train-rmse:0.42284 eval-rmse:0.476311 train-mae:1006.96 eval-mae:1138.69  
[1058] train-rmse:0.422822 eval-rmse:0.476311 train-mae:1006.91 eval-mae:1138.68  
[1059] train-rmse:0.422795 eval-rmse:0.476302 train-mae:1006.82 eval-mae:1138.65  
[1060] train-rmse:0.422764 eval-rmse:0.476297 train-mae:1006.72 eval-mae:1138.64  
[1061] train-rmse:0.422746 eval-rmse:0.476292 train-mae:1006.66 eval-mae:1138.62  
[1062] train-rmse:0.422677 eval-rmse:0.476285 train-mae:1006.49 eval-mae:1138.59  
[1063] train-rmse:0.422628 eval-rmse:0.476278 train-mae:1006.35 eval-mae:1138.58  
[1064] train-rmse:0.422593 eval-rmse:0.476276 train-mae:1006.26 eval-mae:1138.57  
[1065] train-rmse:0.422572 eval-rmse:0.476275 train-mae:1006.2 eval-mae:1138.57  
[1066] train-rmse:0.422549 eval-rmse:0.476273 train-mae:1006.13 eval-mae:1138.56  
[1067] train-rmse:0.422522 eval-rmse:0.47627 train-mae:1006.06 eval-mae:1138.55  
[1068] train-rmse:0.422481 eval-rmse:0.476268 train-mae:1005.96 eval-mae:1138.55  
[1069] train-rmse:0.422425 eval-rmse:0.476261 train-mae:1005.82 eval-mae:1138.54  
[1070] train-rmse:0.422412 eval-rmse:0.47626 train-mae:1005.78 eval-mae:1138.53  
[1071] train-rmse:0.422377 eval-rmse:0.47626 train-mae:1005.69 eval-mae:1138.52  
[1072] train-rmse:0.42234 eval-rmse:0.476256 train-mae:1005.59 eval-mae:1138.51  
[1073] train-rmse:0.422303 eval-rmse:0.476258 train-mae:1005.5 eval-mae:1138.53  
[1074] train-rmse:0.422277 eval-rmse:0.476255 train-mae:1005.43 eval-mae:1138.51  
[1075] train-rmse:0.42224 eval-rmse:0.476253 train-mae:1005.34 eval-mae:1138.5  
[1076] train-rmse:0.422224 eval-rmse:0.476253 train-mae:1005.29 eval-mae:1138.49  
[1077] train-rmse:0.422209 eval-rmse:0.476249 train-mae:1005.24 eval-mae:1138.48  
[1078] train-rmse:0.422184 eval-rmse:0.476248 train-mae:1005.18 eval-mae:1138.48  
[1079] train-rmse:0.422154 eval-rmse:0.476241 train-mae:1005.08 eval-mae:1138.46  
[1080] train-rmse:0.422132 eval-rmse:0.476239 train-mae:1005.02 eval-mae:1138.45  
[1081] train-rmse:0.422093 eval-rmse:0.476236 train-mae:1004.93 eval-mae:1138.44  
[1082] train-rmse:0.42206 eval-rmse:0.476236 train-mae:1004.85 eval-mae:1138.44  
[1083] train-rmse:0.422035 eval-rmse:0.476236 train-mae:1004.78 eval-mae:1138.43  
[1084] train-rmse:0.422011 eval-rmse:0.476231 train-mae:1004.72 eval-mae:1138.42  
[1085] train-rmse:0.421958 eval-rmse:0.476225 train-mae:1004.58 eval-mae:1138.41  
[1086] train-rmse:0.421927 eval-rmse:0.476224 train-mae:1004.5 eval-mae:1138.4  
[1087] train-rmse:0.42191 eval-rmse:0.476221 train-mae:1004.45 eval-mae:1138.4  
[1088] train-rmse:0.421881 eval-rmse:0.476219 train-mae:1004.37 eval-mae:1138.38  
[1089] train-rmse:0.42186 eval-rmse:0.476217 train-mae:1004.32 eval-mae:1138.37  
[1090] train-rmse:0.42179 eval-rmse:0.476206 train-mae:1004.15 eval-mae:1138.34  
[1091] train-rmse:0.42175 eval-rmse:0.476203 train-mae:1004.04 eval-mae:1138.34  
[1092] train-rmse:0.421707 eval-rmse:0.476198 train-mae:1003.94 eval-mae:1138.33  
[1093] train-rmse:0.421672 eval-rmse:0.476195 train-mae:1003.86 eval-mae:1138.32  
[1094] train-rmse:0.421645 eval-rmse:0.47619 train-mae:1003.79 eval-mae:1138.31  
[1095] train-rmse:0.421622 eval-rmse:0.476186 train-mae:1003.73 eval-mae:1138.3  
[1096] train-rmse:0.421606 eval-rmse:0.476185 train-mae:1003.7 eval-mae:1138.29  
[1097] train-rmse:0.421579 eval-rmse:0.476186 train-mae:1003.62 eval-mae:1138.29  
[1098] train-rmse:0.421566 eval-rmse:0.476187 train-mae:1003.58 eval-mae:1138.29  
[1099] train-rmse:0.421506 eval-rmse:0.476185 train-mae:1003.42 eval-mae:1138.29  
[1100] train-rmse:0.421474 eval-rmse:0.476181 train-mae:1003.34 eval-mae:1138.28  
[1101] train-rmse:0.421449 eval-rmse:0.476179 train-mae:1003.27 eval-mae:1138.27

[1102]	train-rmse:0.421438	eval-rmse:0.476178	train-mae:1003.24	eval-mae:1138.26
[1103]	train-rmse:0.421415	eval-rmse:0.476174	train-mae:1003.17	eval-mae:1138.24
[1104]	train-rmse:0.421377	eval-rmse:0.476173	train-mae:1003.08	eval-mae:1138.23
[1105]	train-rmse:0.42133	eval-rmse:0.476173	train-mae:1002.97	eval-mae:1138.24
[1106]	train-rmse:0.421302	eval-rmse:0.476171	train-mae:1002.91	eval-mae:1138.24
[1107]	train-rmse:0.421255	eval-rmse:0.476164	train-mae:1002.77	eval-mae:1138.22
[1108]	train-rmse:0.421245	eval-rmse:0.476164	train-mae:1002.74	eval-mae:1138.22
[1109]	train-rmse:0.421216	eval-rmse:0.476162	train-mae:1002.66	eval-mae:1138.21
[1110]	train-rmse:0.421171	eval-rmse:0.476154	train-mae:1002.56	eval-mae:1138.19
[1111]	train-rmse:0.421153	eval-rmse:0.476152	train-mae:1002.51	eval-mae:1138.18
[1112]	train-rmse:0.421131	eval-rmse:0.476147	train-mae:1002.45	eval-mae:1138.17
[1113]	train-rmse:0.421066	eval-rmse:0.476139	train-mae:1002.28	eval-mae:1138.14
[1114]	train-rmse:0.421046	eval-rmse:0.476139	train-mae:1002.22	eval-mae:1138.14
[1115]	train-rmse:0.421022	eval-rmse:0.476137	train-mae:1002.16	eval-mae:1138.13
[1116]	train-rmse:0.420972	eval-rmse:0.476135	train-mae:1002.04	eval-mae:1138.13
[1117]	train-rmse:0.420921	eval-rmse:0.476128	train-mae:1001.92	eval-mae:1138.1
[1118]	train-rmse:0.420868	eval-rmse:0.476125	train-mae:1001.78	eval-mae:1138.09
[1119]	train-rmse:0.420838	eval-rmse:0.476124	train-mae:1001.7	eval-mae:1138.07
[1120]	train-rmse:0.420802	eval-rmse:0.476123	train-mae:1001.61	eval-mae:1138.06
[1121]	train-rmse:0.420761	eval-rmse:0.476119	train-mae:1001.49	eval-mae:1138.04
[1122]	train-rmse:0.4207	eval-rmse:0.476117	train-mae:1001.32	eval-mae:1138.04
[1123]	train-rmse:0.420695	eval-rmse:0.476117	train-mae:1001.3	eval-mae:1138.04
[1124]	train-rmse:0.420673	eval-rmse:0.476117	train-mae:1001.24	eval-mae:1138.04
[1125]	train-rmse:0.420642	eval-rmse:0.476117	train-mae:1001.16	eval-mae:1138.04
[1126]	train-rmse:0.420615	eval-rmse:0.476115	train-mae:1001.09	eval-mae:1138.03
[1127]	train-rmse:0.420595	eval-rmse:0.476116	train-mae:1001.03	eval-mae:1138.03
[1128]	train-rmse:0.420569	eval-rmse:0.476111	train-mae:1000.95	eval-mae:1138.01
[1129]	train-rmse:0.420519	eval-rmse:0.476106	train-mae:1000.83	eval-mae:1137.98
[1130]	train-rmse:0.420482	eval-rmse:0.476103	train-mae:1000.73	eval-mae:1137.98
[1131]	train-rmse:0.420464	eval-rmse:0.476099	train-mae:1000.68	eval-mae:1137.98
[1132]	train-rmse:0.420421	eval-rmse:0.476097	train-mae:1000.56	eval-mae:1137.96
[1133]	train-rmse:0.420392	eval-rmse:0.476092	train-mae:1000.48	eval-mae:1137.95
[1134]	train-rmse:0.420346	eval-rmse:0.476088	train-mae:1000.38	eval-mae:1137.93
[1135]	train-rmse:0.42031	eval-rmse:0.476083	train-mae:1000.29	eval-mae:1137.92
[1136]	train-rmse:0.420279	eval-rmse:0.476083	train-mae:1000.19	eval-mae:1137.92
[1137]	train-rmse:0.420243	eval-rmse:0.476078	train-mae:1000.12	eval-mae:1137.91
[1138]	train-rmse:0.420177	eval-rmse:0.476078	train-mae:999.964	eval-mae:1137.88
[1139]	train-rmse:0.420163	eval-rmse:0.476077	train-mae:999.926	eval-mae:1137.88
[1140]	train-rmse:0.420149	eval-rmse:0.476076	train-mae:999.883	eval-mae:1137.87
[1141]	train-rmse:0.420119	eval-rmse:0.476073	train-mae:999.82	eval-mae:1137.86
[1142]	train-rmse:0.420089	eval-rmse:0.47607	train-mae:999.745	eval-mae:1137.86
[1143]	train-rmse:0.420076	eval-rmse:0.476072	train-mae:999.695	eval-mae:1137.86
[1144]	train-rmse:0.420056	eval-rmse:0.47607	train-mae:999.636	eval-mae:1137.86
[1145]	train-rmse:0.420034	eval-rmse:0.476064	train-mae:999.555	eval-mae:1137.82
[1146]	train-rmse:0.420014	eval-rmse:0.47606	train-mae:999.501	eval-mae:1137.81
[1147]	train-rmse:0.419993	eval-rmse:0.47606	train-mae:999.441	eval-mae:1137.81
[1148]	train-rmse:0.419957	eval-rmse:0.476055	train-mae:999.351	eval-mae:1137.8
[1149]	train-rmse:0.419909	eval-rmse:0.476051	train-mae:999.246	eval-mae:1137.79
[1150]	train-rmse:0.419884	eval-rmse:0.476049	train-mae:999.19	eval-mae:1137.78
[1151]	train-rmse:0.419863	eval-rmse:0.476051	train-mae:999.131	eval-mae:1137.78
[1152]	train-rmse:0.419846	eval-rmse:0.47605	train-mae:999.083	eval-mae:1137.78
[1153]	train-rmse:0.419817	eval-rmse:0.476047	train-mae:999.003	eval-mae:1137.77
[1154]	train-rmse:0.419799	eval-rmse:0.476045	train-mae:998.954	eval-mae:1137.77
[1155]	train-rmse:0.419771	eval-rmse:0.476042	train-mae:998.872	eval-mae:1137.75
[1156]	train-rmse:0.419756	eval-rmse:0.47604	train-mae:998.833	eval-mae:1137.74
[1157]	train-rmse:0.419724	eval-rmse:0.476038	train-mae:998.75	eval-mae:1137.73
[1158]	train-rmse:0.4197	eval-rmse:0.476033	train-mae:998.686	eval-mae:1137.72
[1159]	train-rmse:0.419688	eval-rmse:0.476032	train-mae:998.655	eval-mae:1137.72
[1160]	train-rmse:0.419649	eval-rmse:0.476024	train-mae:998.545	eval-mae:1137.69
[1161]	train-rmse:0.41964	eval-rmse:0.476022	train-mae:998.518	eval-mae:1137.68
[1162]	train-rmse:0.419592	eval-rmse:0.476019	train-mae:998.398	eval-mae:1137.67
[1163]	train-rmse:0.419573	eval-rmse:0.476014	train-mae:998.342	eval-mae:1137.65
[1164]	train-rmse:0.419535	eval-rmse:0.476008	train-mae:998.238	eval-mae:1137.63
[1165]	train-rmse:0.419484	eval-rmse:0.476004	train-mae:998.082	eval-mae:1137.62
[1166]	train-rmse:0.419451	eval-rmse:0.475999	train-mae:997.994	eval-mae:1137.6
[1167]	train-rmse:0.419417	eval-rmse:0.475999	train-mae:997.907	eval-mae:1137.59
[1168]	train-rmse:0.41941	eval-rmse:0.475999	train-mae:997.881	eval-mae:1137.59
[1169]	train-rmse:0.419388	eval-rmse:0.475996	train-mae:997.818	eval-mae:1137.59
[1170]	train-rmse:0.419353	eval-rmse:0.475994	train-mae:997.732	eval-mae:1137.58
[1171]	train-rmse:0.419309	eval-rmse:0.475991	train-mae:997.616	eval-mae:1137.57
[1172]	train-rmse:0.419294	eval-rmse:0.475989	train-mae:997.583	eval-mae:1137.56
[1173]	train-rmse:0.419286	eval-rmse:0.475987	train-mae:997.562	eval-mae:1137.55



[1174]	train-rmse:0.419264	eval-rmse:0.475988	train-mae:997.503	eval-mae:1137.55
[1175]	train-rmse:0.419224	eval-rmse:0.475986	train-mae:997.411	eval-mae:1137.55
[1176]	train-rmse:0.419197	eval-rmse:0.475987	train-mae:997.34	eval-mae:1137.54
[1177]	train-rmse:0.419172	eval-rmse:0.475985	train-mae:997.274	eval-mae:1137.54
[1178]	train-rmse:0.419132	eval-rmse:0.475983	train-mae:997.177	eval-mae:1137.53
[1179]	train-rmse:0.419099	eval-rmse:0.475979	train-mae:997.088	eval-mae:1137.52
[1180]	train-rmse:0.419082	eval-rmse:0.475977	train-mae:997.045	eval-mae:1137.51
[1181]	train-rmse:0.419072	eval-rmse:0.475976	train-mae:997.008	eval-mae:1137.51
[1182]	train-rmse:0.419054	eval-rmse:0.475972	train-mae:996.962	eval-mae:1137.5
[1183]	train-rmse:0.419016	eval-rmse:0.475967	train-mae:996.862	eval-mae:1137.48
[1184]	train-rmse:0.418982	eval-rmse:0.475966	train-mae:996.78	eval-mae:1137.46
[1185]	train-rmse:0.418944	eval-rmse:0.475966	train-mae:996.688	eval-mae:1137.47
[1186]	train-rmse:0.418927	eval-rmse:0.475966	train-mae:996.642	eval-mae:1137.47
[1187]	train-rmse:0.418892	eval-rmse:0.475962	train-mae:996.54	eval-mae:1137.47
[1188]	train-rmse:0.418874	eval-rmse:0.47596	train-mae:996.492	eval-mae:1137.47
[1189]	train-rmse:0.418835	eval-rmse:0.47596	train-mae:996.406	eval-mae:1137.46
[1190]	train-rmse:0.418808	eval-rmse:0.475957	train-mae:996.337	eval-mae:1137.45
[1191]	train-rmse:0.418777	eval-rmse:0.475954	train-mae:996.257	eval-mae:1137.45
[1192]	train-rmse:0.418763	eval-rmse:0.475951	train-mae:996.224	eval-mae:1137.44
[1193]	train-rmse:0.418733	eval-rmse:0.475953	train-mae:996.138	eval-mae:1137.44
[1194]	train-rmse:0.418708	eval-rmse:0.47595	train-mae:996.057	eval-mae:1137.43
[1195]	train-rmse:0.4187	eval-rmse:0.47595	train-mae:996.03	eval-mae:1137.42
[1196]	train-rmse:0.418658	eval-rmse:0.475947	train-mae:995.922	eval-mae:1137.4
[1197]	train-rmse:0.418613	eval-rmse:0.475942	train-mae:995.789	eval-mae:1137.38
[1198]	train-rmse:0.418596	eval-rmse:0.475943	train-mae:995.75	eval-mae:1137.38
[1199]	train-rmse:0.418555	eval-rmse:0.47594	train-mae:995.63	eval-mae:1137.37
[1200]	train-rmse:0.418531	eval-rmse:0.475932	train-mae:995.566	eval-mae:1137.34
[1201]	train-rmse:0.418503	eval-rmse:0.475927	train-mae:995.488	eval-mae:1137.31
[1202]	train-rmse:0.418471	eval-rmse:0.475925	train-mae:995.39	eval-mae:1137.3
[1203]	train-rmse:0.418465	eval-rmse:0.475925	train-mae:995.372	eval-mae:1137.3
[1204]	train-rmse:0.41843	eval-rmse:0.475923	train-mae:995.282	eval-mae:1137.3
[1205]	train-rmse:0.418394	eval-rmse:0.475922	train-mae:995.191	eval-mae:1137.3
[1206]	train-rmse:0.418375	eval-rmse:0.475921	train-mae:995.147	eval-mae:1137.3
[1207]	train-rmse:0.418341	eval-rmse:0.47592	train-mae:995.056	eval-mae:1137.29
[1208]	train-rmse:0.418322	eval-rmse:0.475918	train-mae:995.002	eval-mae:1137.28
[1209]	train-rmse:0.418285	eval-rmse:0.475917	train-mae:994.92	eval-mae:1137.28
[1210]	train-rmse:0.418243	eval-rmse:0.475911	train-mae:994.819	eval-mae:1137.27
[1211]	train-rmse:0.418226	eval-rmse:0.475907	train-mae:994.773	eval-mae:1137.26
[1212]	train-rmse:0.418193	eval-rmse:0.475904	train-mae:994.696	eval-mae:1137.25
[1213]	train-rmse:0.418178	eval-rmse:0.475902	train-mae:994.655	eval-mae:1137.24
[1214]	train-rmse:0.418151	eval-rmse:0.475898	train-mae:994.593	eval-mae:1137.24
[1215]	train-rmse:0.418132	eval-rmse:0.475898	train-mae:994.545	eval-mae:1137.24
[1216]	train-rmse:0.418091	eval-rmse:0.475896	train-mae:994.429	eval-mae:1137.23
[1217]	train-rmse:0.418065	eval-rmse:0.475898	train-mae:994.358	eval-mae:1137.24
[1218]	train-rmse:0.418044	eval-rmse:0.475893	train-mae:994.288	eval-mae:1137.22
[1219]	train-rmse:0.41801	eval-rmse:0.47589	train-mae:994.2	eval-mae:1137.21
[1220]	train-rmse:0.417983	eval-rmse:0.475891	train-mae:994.133	eval-mae:1137.21
[1221]	train-rmse:0.417943	eval-rmse:0.475889	train-mae:994.037	eval-mae:1137.2
[1222]	train-rmse:0.417893	eval-rmse:0.475881	train-mae:993.915	eval-mae:1137.18
[1223]	train-rmse:0.417875	eval-rmse:0.475882	train-mae:993.878	eval-mae:1137.17
[1224]	train-rmse:0.417856	eval-rmse:0.47588	train-mae:993.827	eval-mae:1137.16
[1225]	train-rmse:0.41783	eval-rmse:0.47588	train-mae:993.759	eval-mae:1137.16
[1226]	train-rmse:0.4178	eval-rmse:0.475877	train-mae:993.676	eval-mae:1137.15
[1227]	train-rmse:0.41779	eval-rmse:0.475876	train-mae:993.656	eval-mae:1137.14
[1228]	train-rmse:0.417771	eval-rmse:0.475875	train-mae:993.616	eval-mae:1137.14
[1229]	train-rmse:0.417758	eval-rmse:0.475875	train-mae:993.577	eval-mae:1137.14
[1230]	train-rmse:0.417718	eval-rmse:0.47587	train-mae:993.46	eval-mae:1137.11
[1231]	train-rmse:0.417699	eval-rmse:0.475869	train-mae:993.41	eval-mae:1137.1
[1232]	train-rmse:0.417667	eval-rmse:0.475866	train-mae:993.323	eval-mae:1137.09
[1233]	train-rmse:0.417648	eval-rmse:0.475865	train-mae:993.271	eval-mae:1137.09
[1234]	train-rmse:0.417621	eval-rmse:0.475865	train-mae:993.203	eval-mae:1137.09
[1235]	train-rmse:0.417605	eval-rmse:0.475864	train-mae:993.166	eval-mae:1137.09
[1236]	train-rmse:0.417565	eval-rmse:0.475865	train-mae:993.071	eval-mae:1137.09
[1237]	train-rmse:0.417546	eval-rmse:0.475861	train-mae:993.018	eval-mae:1137.08
[1238]	train-rmse:0.417519	eval-rmse:0.475861	train-mae:992.943	eval-mae:1137.08
[1239]	train-rmse:0.417493	eval-rmse:0.47586	train-mae:992.883	eval-mae:1137.07
[1240]	train-rmse:0.417452	eval-rmse:0.475853	train-mae:992.781	eval-mae:1137.04
[1241]	train-rmse:0.417429	eval-rmse:0.475854	train-mae:992.716	eval-mae:1137.05
[1242]	train-rmse:0.417394	eval-rmse:0.475853	train-mae:992.63	eval-mae:1137.05
[1243]	train-rmse:0.417377	eval-rmse:0.475851	train-mae:992.574	eval-mae:1137.03
[1244]	train-rmse:0.417354	eval-rmse:0.475851	train-mae:992.51	eval-mae:1137.02
[1245]	train-rmse:0.417319	eval-rmse:0.475852	train-mae:992.419	eval-mae:1137.03

[1246] train-rmse:0.417295 eval-rmse:0.475849 train-mae:992.364 eval-mae:1137.02  
[1247] train-rmse:0.417278 eval-rmse:0.475851 train-mae:992.323 eval-mae:1137.03  
[1248] train-rmse:0.41724 eval-rmse:0.475848 train-mae:992.217 eval-mae:1137  
[1249] train-rmse:0.417222 eval-rmse:0.475847 train-mae:992.16 eval-mae:1136.99  
[1250] train-rmse:0.417201 eval-rmse:0.475845 train-mae:992.109 eval-mae:1136.99  
[1251] train-rmse:0.417186 eval-rmse:0.475845 train-mae:992.072 eval-mae:1136.98  
[1252] train-rmse:0.417151 eval-rmse:0.475846 train-mae:991.984 eval-mae:1136.98  
[1253] train-rmse:0.417126 eval-rmse:0.475848 train-mae:991.915 eval-mae:1136.98  
[1254] train-rmse:0.417093 eval-rmse:0.475845 train-mae:991.834 eval-mae:1136.98  
[1255] train-rmse:0.417059 eval-rmse:0.475845 train-mae:991.757 eval-mae:1136.98  
[1256] train-rmse:0.417042 eval-rmse:0.475844 train-mae:991.718 eval-mae:1136.97  
[1257] train-rmse:0.417025 eval-rmse:0.475843 train-mae:991.678 eval-mae:1136.96  
[1258] train-rmse:0.417 eval-rmse:0.475839 train-mae:991.625 eval-mae:1136.96  
[1259] train-rmse:0.416969 eval-rmse:0.475839 train-mae:991.541 eval-mae:1136.96  
[1260] train-rmse:0.416953 eval-rmse:0.475835 train-mae:991.499 eval-mae:1136.95  
[1261] train-rmse:0.416935 eval-rmse:0.475835 train-mae:991.445 eval-mae:1136.95  
[1262] train-rmse:0.416923 eval-rmse:0.475834 train-mae:991.411 eval-mae:1136.94  
[1263] train-rmse:0.416908 eval-rmse:0.475834 train-mae:991.377 eval-mae:1136.94  
[1264] train-rmse:0.416866 eval-rmse:0.475832 train-mae:991.271 eval-mae:1136.94  
[1265] train-rmse:0.416843 eval-rmse:0.475831 train-mae:991.215 eval-mae:1136.93  
[1266] train-rmse:0.416818 eval-rmse:0.475829 train-mae:991.134 eval-mae:1136.92  
[1267] train-rmse:0.416806 eval-rmse:0.47583 train-mae:991.1 eval-mae:1136.92  
[1268] train-rmse:0.41678 eval-rmse:0.475825 train-mae:991.041 eval-mae:1136.9  
[1269] train-rmse:0.416762 eval-rmse:0.475825 train-mae:990.992 eval-mae:1136.9  
[1270] train-rmse:0.416749 eval-rmse:0.475822 train-mae:990.949 eval-mae:1136.89  
[1271] train-rmse:0.416723 eval-rmse:0.475817 train-mae:990.873 eval-mae:1136.87  
[1272] train-rmse:0.416687 eval-rmse:0.475818 train-mae:990.772 eval-mae:1136.87  
[1273] train-rmse:0.416652 eval-rmse:0.475818 train-mae:990.682 eval-mae:1136.86  
[1274] train-rmse:0.416628 eval-rmse:0.475816 train-mae:990.615 eval-mae:1136.85  
[1275] train-rmse:0.416619 eval-rmse:0.475816 train-mae:990.6 eval-mae:1136.85  
[1276] train-rmse:0.416591 eval-rmse:0.475813 train-mae:990.539 eval-mae:1136.84  
[1277] train-rmse:0.416565 eval-rmse:0.475812 train-mae:990.476 eval-mae:1136.84  
[1278] train-rmse:0.416533 eval-rmse:0.475812 train-mae:990.391 eval-mae:1136.84  
[1279] train-rmse:0.41651 eval-rmse:0.475814 train-mae:990.345 eval-mae:1136.84  
[1280] train-rmse:0.416495 eval-rmse:0.475813 train-mae:990.306 eval-mae:1136.85  
[1281] train-rmse:0.416464 eval-rmse:0.475814 train-mae:990.217 eval-mae:1136.85  
[1282] train-rmse:0.416447 eval-rmse:0.475811 train-mae:990.169 eval-mae:1136.83  
[1283] train-rmse:0.416417 eval-rmse:0.475808 train-mae:990.097 eval-mae:1136.82  
[1284] train-rmse:0.416405 eval-rmse:0.475806 train-mae:990.062 eval-mae:1136.82  
[1285] train-rmse:0.416362 eval-rmse:0.4758 train-mae:989.938 eval-mae:1136.79  
[1286] train-rmse:0.416346 eval-rmse:0.475799 train-mae:989.894 eval-mae:1136.79  
[1287] train-rmse:0.416329 eval-rmse:0.475798 train-mae:989.851 eval-mae:1136.79  
[1288] train-rmse:0.416294 eval-rmse:0.475801 train-mae:989.761 eval-mae:1136.79  
[1289] train-rmse:0.416276 eval-rmse:0.475797 train-mae:989.714 eval-mae:1136.78  
[1290] train-rmse:0.416255 eval-rmse:0.475795 train-mae:989.658 eval-mae:1136.77  
[1291] train-rmse:0.416227 eval-rmse:0.475794 train-mae:989.587 eval-mae:1136.76  
[1292] train-rmse:0.416211 eval-rmse:0.47579 train-mae:989.546 eval-mae:1136.76  
[1293] train-rmse:0.416175 eval-rmse:0.475788 train-mae:989.46 eval-mae:1136.75  
[1294] train-rmse:0.416167 eval-rmse:0.475788 train-mae:989.44 eval-mae:1136.75  
[1295] train-rmse:0.416134 eval-rmse:0.475784 train-mae:989.355 eval-mae:1136.73  
[1296] train-rmse:0.416112 eval-rmse:0.47578 train-mae:989.29 eval-mae:1136.72  
[1297] train-rmse:0.416081 eval-rmse:0.475775 train-mae:989.206 eval-mae:1136.71  
[1298] train-rmse:0.416053 eval-rmse:0.475772 train-mae:989.129 eval-mae:1136.71  
[1299] train-rmse:0.416029 eval-rmse:0.475771 train-mae:989.064 eval-mae:1136.7  
[1300] train-rmse:0.416013 eval-rmse:0.47577 train-mae:989.023 eval-mae:1136.69  
[1301] train-rmse:0.415983 eval-rmse:0.475768 train-mae:988.927 eval-mae:1136.68  
[1302] train-rmse:0.415957 eval-rmse:0.475766 train-mae:988.86 eval-mae:1136.68  
[1303] train-rmse:0.415929 eval-rmse:0.475765 train-mae:988.786 eval-mae:1136.67  
[1304] train-rmse:0.415909 eval-rmse:0.475764 train-mae:988.737 eval-mae:1136.67  
[1305] train-rmse:0.415892 eval-rmse:0.475763 train-mae:988.689 eval-mae:1136.67  
[1306] train-rmse:0.41585 eval-rmse:0.475759 train-mae:988.573 eval-mae:1136.64  
[1307] train-rmse:0.415833 eval-rmse:0.475756 train-mae:988.531 eval-mae:1136.63  
[1308] train-rmse:0.415824 eval-rmse:0.475757 train-mae:988.504 eval-mae:1136.63  
[1309] train-rmse:0.415774 eval-rmse:0.475758 train-mae:988.378 eval-mae:1136.64  
[1310] train-rmse:0.415746 eval-rmse:0.475755 train-mae:988.298 eval-mae:1136.63  
[1311] train-rmse:0.415727 eval-rmse:0.475754 train-mae:988.245 eval-mae:1136.62  
[1312] train-rmse:0.415699 eval-rmse:0.475756 train-mae:988.175 eval-mae:1136.64  
[1313] train-rmse:0.415679 eval-rmse:0.475754 train-mae:988.121 eval-mae:1136.63  
[1314] train-rmse:0.415659 eval-rmse:0.475754 train-mae:988.067 eval-mae:1136.62  
[1315] train-rmse:0.41565 eval-rmse:0.475754 train-mae:988.04 eval-mae:1136.62  
[1316] train-rmse:0.415614 eval-rmse:0.47575 train-mae:987.94 eval-mae:1136.6  
[1317] train-rmse:0.415589 eval-rmse:0.475749 train-mae:987.876 eval-mae:1136.59

[1318]	train-rmse:0.41556	eval-rmse:0.47545	train-mae:987.813	eval-mae:1136.59
[1319]	train-rmse:0.415523	eval-rmse:0.475745	train-mae:987.72	eval-mae:1136.59
[1320]	train-rmse:0.415481	eval-rmse:0.475744	train-mae:987.609	eval-mae:1136.58
[1321]	train-rmse:0.415452	eval-rmse:0.475743	train-mae:987.54	eval-mae:1136.58
[1322]	train-rmse:0.415443	eval-rmse:0.475743	train-mae:987.519	eval-mae:1136.58
[1323]	train-rmse:0.415412	eval-rmse:0.475742	train-mae:987.441	eval-mae:1136.57
[1324]	train-rmse:0.415384	eval-rmse:0.47574	train-mae:987.359	eval-mae:1136.56
[1325]	train-rmse:0.415363	eval-rmse:0.475738	train-mae:987.309	eval-mae:1136.55
[1326]	train-rmse:0.415321	eval-rmse:0.475736	train-mae:987.211	eval-mae:1136.54
[1327]	train-rmse:0.415294	eval-rmse:0.475735	train-mae:987.139	eval-mae:1136.53
[1328]	train-rmse:0.415257	eval-rmse:0.475734	train-mae:987.056	eval-mae:1136.53
[1329]	train-rmse:0.415237	eval-rmse:0.475737	train-mae:987.004	eval-mae:1136.53
[1330]	train-rmse:0.415191	eval-rmse:0.475734	train-mae:986.886	eval-mae:1136.52
[1331]	train-rmse:0.415159	eval-rmse:0.475732	train-mae:986.795	eval-mae:1136.51
[1332]	train-rmse:0.415146	eval-rmse:0.475732	train-mae:986.767	eval-mae:1136.52
[1333]	train-rmse:0.415124	eval-rmse:0.47573	train-mae:986.709	eval-mae:1136.51
[1334]	train-rmse:0.415107	eval-rmse:0.475726	train-mae:986.662	eval-mae:1136.5
[1335]	train-rmse:0.415088	eval-rmse:0.475728	train-mae:986.615	eval-mae:1136.51
[1336]	train-rmse:0.415065	eval-rmse:0.475724	train-mae:986.55	eval-mae:1136.49
[1337]	train-rmse:0.415043	eval-rmse:0.475725	train-mae:986.487	eval-mae:1136.49
[1338]	train-rmse:0.415035	eval-rmse:0.475723	train-mae:986.462	eval-mae:1136.48
[1339]	train-rmse:0.415003	eval-rmse:0.475722	train-mae:986.382	eval-mae:1136.48
[1340]	train-rmse:0.414976	eval-rmse:0.47572	train-mae:986.31	eval-mae:1136.47
[1341]	train-rmse:0.414957	eval-rmse:0.475716	train-mae:986.253	eval-mae:1136.46
[1342]	train-rmse:0.414932	eval-rmse:0.475716	train-mae:986.191	eval-mae:1136.45
[1343]	train-rmse:0.414903	eval-rmse:0.475717	train-mae:986.119	eval-mae:1136.45
[1344]	train-rmse:0.414873	eval-rmse:0.475715	train-mae:986.042	eval-mae:1136.45
[1345]	train-rmse:0.414855	eval-rmse:0.475713	train-mae:985.986	eval-mae:1136.44
[1346]	train-rmse:0.414845	eval-rmse:0.475712	train-mae:985.961	eval-mae:1136.44
[1347]	train-rmse:0.414805	eval-rmse:0.475711	train-mae:985.862	eval-mae:1136.44
[1348]	train-rmse:0.414751	eval-rmse:0.475706	train-mae:985.709	eval-mae:1136.42
[1349]	train-rmse:0.414725	eval-rmse:0.475704	train-mae:985.639	eval-mae:1136.41
[1350]	train-rmse:0.414711	eval-rmse:0.475703	train-mae:985.605	eval-mae:1136.41
[1351]	train-rmse:0.414693	eval-rmse:0.4757	train-mae:985.558	eval-mae:1136.4
[1352]	train-rmse:0.414652	eval-rmse:0.475694	train-mae:985.439	eval-mae:1136.38
[1353]	train-rmse:0.414638	eval-rmse:0.475693	train-mae:985.397	eval-mae:1136.38
[1354]	train-rmse:0.414623	eval-rmse:0.475692	train-mae:985.353	eval-mae:1136.38
[1355]	train-rmse:0.414609	eval-rmse:0.475692	train-mae:985.318	eval-mae:1136.38
[1356]	train-rmse:0.41459	eval-rmse:0.475691	train-mae:985.267	eval-mae:1136.38
[1357]	train-rmse:0.414533	eval-rmse:0.475688	train-mae:985.124	eval-mae:1136.37
[1358]	train-rmse:0.41451	eval-rmse:0.475687	train-mae:985.053	eval-mae:1136.36
[1359]	train-rmse:0.414473	eval-rmse:0.475686	train-mae:984.963	eval-mae:1136.37
[1360]	train-rmse:0.414462	eval-rmse:0.475684	train-mae:984.936	eval-mae:1136.36
[1361]	train-rmse:0.414439	eval-rmse:0.47568	train-mae:984.88	eval-mae:1136.35
[1362]	train-rmse:0.41442	eval-rmse:0.475679	train-mae:984.831	eval-mae:1136.35
[1363]	train-rmse:0.414391	eval-rmse:0.475671	train-mae:984.765	eval-mae:1136.33
[1364]	train-rmse:0.414362	eval-rmse:0.475671	train-mae:984.698	eval-mae:1136.32
[1365]	train-rmse:0.414346	eval-rmse:0.475671	train-mae:984.658	eval-mae:1136.32
[1366]	train-rmse:0.414328	eval-rmse:0.47567	train-mae:984.603	eval-mae:1136.31
[1367]	train-rmse:0.414299	eval-rmse:0.475669	train-mae:984.521	eval-mae:1136.31
[1368]	train-rmse:0.414276	eval-rmse:0.475666	train-mae:984.45	eval-mae:1136.3
[1369]	train-rmse:0.41425	eval-rmse:0.475663	train-mae:984.382	eval-mae:1136.28
[1370]	train-rmse:0.414218	eval-rmse:0.47566	train-mae:984.305	eval-mae:1136.28
[1371]	train-rmse:0.414205	eval-rmse:0.475661	train-mae:984.274	eval-mae:1136.28
[1372]	train-rmse:0.414177	eval-rmse:0.475659	train-mae:984.202	eval-mae:1136.27
[1373]	train-rmse:0.414173	eval-rmse:0.475657	train-mae:984.192	eval-mae:1136.27
[1374]	train-rmse:0.414157	eval-rmse:0.475655	train-mae:984.145	eval-mae:1136.26
[1375]	train-rmse:0.414124	eval-rmse:0.475655	train-mae:984.061	eval-mae:1136.26
[1376]	train-rmse:0.41409	eval-rmse:0.475657	train-mae:983.98	eval-mae:1136.28
[1377]	train-rmse:0.414047	eval-rmse:0.475656	train-mae:983.857	eval-mae:1136.28
[1378]	train-rmse:0.413996	eval-rmse:0.475652	train-mae:983.718	eval-mae:1136.26
[1379]	train-rmse:0.413976	eval-rmse:0.475651	train-mae:983.671	eval-mae:1136.25
[1380]	train-rmse:0.413945	eval-rmse:0.475648	train-mae:983.592	eval-mae:1136.25
[1381]	train-rmse:0.413921	eval-rmse:0.475649	train-mae:983.533	eval-mae:1136.24
[1382]	train-rmse:0.413905	eval-rmse:0.47565	train-mae:983.479	eval-mae:1136.24
[1383]	train-rmse:0.41388	eval-rmse:0.475651	train-mae:983.421	eval-mae:1136.25
[1384]	train-rmse:0.413856	eval-rmse:0.475651	train-mae:983.368	eval-mae:1136.25
[1385]	train-rmse:0.413844	eval-rmse:0.475648	train-mae:983.332	eval-mae:1136.25
[1386]	train-rmse:0.413832	eval-rmse:0.475647	train-mae:983.3	eval-mae:1136.24
[1387]	train-rmse:0.413819	eval-rmse:0.475646	train-mae:983.258	eval-mae:1136.24
[1388]	train-rmse:0.413797	eval-rmse:0.475643	train-mae:983.205	eval-mae:1136.23
[1389]	train-rmse:0.413769	eval-rmse:0.475641	train-mae:983.13	eval-mae:1136.22

[1390] train-rmse:0.413746 eval-rmse:0.47564 train-mae:983.061 eval-mae:1136.22  
[1391] train-rmse:0.413736 eval-rmse:0.47564 train-mae:983.033 eval-mae:1136.22  
[1392] train-rmse:0.413713 eval-rmse:0.475639 train-mae:982.969 eval-mae:1136.21  
[1393] train-rmse:0.413682 eval-rmse:0.475635 train-mae:982.895 eval-mae:1136.2  
[1394] train-rmse:0.413641 eval-rmse:0.475631 train-mae:982.792 eval-mae:1136.19  
[1395] train-rmse:0.413612 eval-rmse:0.475631 train-mae:982.723 eval-mae:1136.19  
[1396] train-rmse:0.413574 eval-rmse:0.475627 train-mae:982.618 eval-mae:1136.18  
[1397] train-rmse:0.413554 eval-rmse:0.475623 train-mae:982.563 eval-mae:1136.16  
[1398] train-rmse:0.413539 eval-rmse:0.475623 train-mae:982.525 eval-mae:1136.16  
[1399] train-rmse:0.413526 eval-rmse:0.475624 train-mae:982.489 eval-mae:1136.16  
[1400] train-rmse:0.413504 eval-rmse:0.475622 train-mae:982.433 eval-mae:1136.16  
[1401] train-rmse:0.413467 eval-rmse:0.475619 train-mae:982.34 eval-mae:1136.16  
[1402] train-rmse:0.413437 eval-rmse:0.475615 train-mae:982.256 eval-mae:1136.14  
[1403] train-rmse:0.413414 eval-rmse:0.475612 train-mae:982.194 eval-mae:1136.14  
[1404] train-rmse:0.413386 eval-rmse:0.475612 train-mae:982.118 eval-mae:1136.14  
[1405] train-rmse:0.413341 eval-rmse:0.47561 train-mae:981.992 eval-mae:1136.13  
[1406] train-rmse:0.413325 eval-rmse:0.475608 train-mae:981.943 eval-mae:1136.12  
[1407] train-rmse:0.41331 eval-rmse:0.475608 train-mae:981.9 eval-mae:1136.12  
[1408] train-rmse:0.413285 eval-rmse:0.475608 train-mae:981.837 eval-mae:1136.11  
[1409] train-rmse:0.413246 eval-rmse:0.475604 train-mae:981.743 eval-mae:1136.1  
[1410] train-rmse:0.413219 eval-rmse:0.475605 train-mae:981.673 eval-mae:1136.09  
[1411] train-rmse:0.413209 eval-rmse:0.475603 train-mae:981.642 eval-mae:1136.08  
[1412] train-rmse:0.413196 eval-rmse:0.475605 train-mae:981.61 eval-mae:1136.08  
[1413] train-rmse:0.413162 eval-rmse:0.475603 train-mae:981.528 eval-mae:1136.07  
[1414] train-rmse:0.41315 eval-rmse:0.475602 train-mae:981.507 eval-mae:1136.07  
[1415] train-rmse:0.413121 eval-rmse:0.475601 train-mae:981.443 eval-mae:1136.07  
[1416] train-rmse:0.413079 eval-rmse:0.4756 train-mae:981.347 eval-mae:1136.08  
[1417] train-rmse:0.413038 eval-rmse:0.475599 train-mae:981.257 eval-mae:1136.08  
[1418] train-rmse:0.413003 eval-rmse:0.475597 train-mae:981.172 eval-mae:1136.08  
[1419] train-rmse:0.412976 eval-rmse:0.475592 train-mae:981.102 eval-mae:1136.06  
[1420] train-rmse:0.412959 eval-rmse:0.475591 train-mae:981.056 eval-mae:1136.06  
[1421] train-rmse:0.41293 eval-rmse:0.475593 train-mae:980.992 eval-mae:1136.07  
[1422] train-rmse:0.412915 eval-rmse:0.475595 train-mae:980.954 eval-mae:1136.07  
[1423] train-rmse:0.412889 eval-rmse:0.475591 train-mae:980.892 eval-mae:1136.07  
[1424] train-rmse:0.412859 eval-rmse:0.475587 train-mae:980.818 eval-mae:1136.05  
[1425] train-rmse:0.412824 eval-rmse:0.475584 train-mae:980.719 eval-mae:1136.04  
[1426] train-rmse:0.41279 eval-rmse:0.475585 train-mae:980.631 eval-mae:1136.04  
[1427] train-rmse:0.412783 eval-rmse:0.475584 train-mae:980.61 eval-mae:1136.04  
[1428] train-rmse:0.41277 eval-rmse:0.475584 train-mae:980.574 eval-mae:1136.04  
[1429] train-rmse:0.412755 eval-rmse:0.475583 train-mae:980.531 eval-mae:1136.04  
[1430] train-rmse:0.412738 eval-rmse:0.475582 train-mae:980.485 eval-mae:1136.03  
[1431] train-rmse:0.412723 eval-rmse:0.475581 train-mae:980.439 eval-mae:1136.03  
[1432] train-rmse:0.412698 eval-rmse:0.47558 train-mae:980.381 eval-mae:1136.02  
[1433] train-rmse:0.412686 eval-rmse:0.47558 train-mae:980.342 eval-mae:1136.02  
[1434] train-rmse:0.412659 eval-rmse:0.475578 train-mae:980.286 eval-mae:1136  
[1435] train-rmse:0.412636 eval-rmse:0.475579 train-mae:980.225 eval-mae:1136.01  
[1436] train-rmse:0.4126 eval-rmse:0.475577 train-mae:980.143 eval-mae:1136  
[1437] train-rmse:0.412571 eval-rmse:0.475574 train-mae:980.061 eval-mae:1135.99  
[1438] train-rmse:0.412534 eval-rmse:0.475575 train-mae:979.987 eval-mae:1135.98  
[1439] train-rmse:0.412518 eval-rmse:0.475575 train-mae:979.948 eval-mae:1135.99  
[1440] train-rmse:0.412492 eval-rmse:0.475575 train-mae:979.893 eval-mae:1136  
[1441] train-rmse:0.412472 eval-rmse:0.475577 train-mae:979.847 eval-mae:1136  
[1442] train-rmse:0.412456 eval-rmse:0.475577 train-mae:979.812 eval-mae:1136  
[1443] train-rmse:0.412425 eval-rmse:0.475571 train-mae:979.718 eval-mae:1135.98  
[1444] train-rmse:0.412406 eval-rmse:0.475572 train-mae:979.662 eval-mae:1135.99  
[1445] train-rmse:0.412387 eval-rmse:0.475572 train-mae:979.608 eval-mae:1135.99  
[1446] train-rmse:0.412369 eval-rmse:0.475572 train-mae:979.549 eval-mae:1136  
[1447] train-rmse:0.41232 eval-rmse:0.475566 train-mae:979.425 eval-mae:1135.98  
[1448] train-rmse:0.412295 eval-rmse:0.475564 train-mae:979.356 eval-mae:1135.98  
[1449] train-rmse:0.412278 eval-rmse:0.475562 train-mae:979.295 eval-mae:1135.97  
[1450] train-rmse:0.412264 eval-rmse:0.47556 train-mae:979.259 eval-mae:1135.96  
[1451] train-rmse:0.412252 eval-rmse:0.47556 train-mae:979.226 eval-mae:1135.96  
[1452] train-rmse:0.412215 eval-rmse:0.475558 train-mae:979.138 eval-mae:1135.96  
[1453] train-rmse:0.412199 eval-rmse:0.475558 train-mae:979.103 eval-mae:1135.96  
[1454] train-rmse:0.412187 eval-rmse:0.475556 train-mae:979.069 eval-mae:1135.95  
[1455] train-rmse:0.412178 eval-rmse:0.475556 train-mae:979.047 eval-mae:1135.95  
[1456] train-rmse:0.412165 eval-rmse:0.475557 train-mae:979.002 eval-mae:1135.96  
[1457] train-rmse:0.412138 eval-rmse:0.475557 train-mae:978.951 eval-mae:1135.95  
[1458] train-rmse:0.412123 eval-rmse:0.475555 train-mae:978.916 eval-mae:1135.95  
[1459] train-rmse:0.412098 eval-rmse:0.475557 train-mae:978.846 eval-mae:1135.94  
[1460] train-rmse:0.412069 eval-rmse:0.475557 train-mae:978.785 eval-mae:1135.93  
[1461] train-rmse:0.412036 eval-rmse:0.475556 train-mae:978.701 eval-mae:1135.93

[1462] train-rmse:0.412018 eval-rmse:0.475552 train-mae:978.668 eval-mae:1135.92  
[1463] train-rmse:0.412004 eval-rmse:0.475549 train-mae:978.631 eval-mae:1135.91  
[1464] train-rmse:0.41198 eval-rmse:0.475549 train-mae:978.568 eval-mae:1135.92  
[1465] train-rmse:0.411944 eval-rmse:0.475544 train-mae:978.497 eval-mae:1135.91  
[1466] train-rmse:0.411924 eval-rmse:0.475542 train-mae:978.441 eval-mae:1135.9  
[1467] train-rmse:0.411882 eval-rmse:0.475539 train-mae:978.345 eval-mae:1135.9  
[1468] train-rmse:0.411849 eval-rmse:0.475536 train-mae:978.255 eval-mae:1135.88  
[1469] train-rmse:0.41182 eval-rmse:0.475534 train-mae:978.188 eval-mae:1135.87  
[1470] train-rmse:0.411796 eval-rmse:0.475536 train-mae:978.127 eval-mae:1135.88  
[1471] train-rmse:0.41177 eval-rmse:0.475535 train-mae:978.051 eval-mae:1135.86  
[1472] train-rmse:0.411747 eval-rmse:0.475534 train-mae:977.991 eval-mae:1135.86  
[1473] train-rmse:0.411733 eval-rmse:0.475531 train-mae:977.952 eval-mae:1135.86  
[1474] train-rmse:0.411709 eval-rmse:0.475531 train-mae:977.893 eval-mae:1135.87  
[1475] train-rmse:0.411686 eval-rmse:0.475528 train-mae:977.841 eval-mae:1135.86  
[1476] train-rmse:0.411684 eval-rmse:0.475528 train-mae:977.838 eval-mae:1135.86  
[1477] train-rmse:0.411656 eval-rmse:0.475529 train-mae:977.758 eval-mae:1135.86  
[1478] train-rmse:0.411637 eval-rmse:0.475529 train-mae:977.714 eval-mae:1135.86  
[1479] train-rmse:0.411616 eval-rmse:0.475527 train-mae:977.658 eval-mae:1135.85  
[1480] train-rmse:0.411606 eval-rmse:0.475526 train-mae:977.626 eval-mae:1135.83  
[1481] train-rmse:0.411586 eval-rmse:0.475525 train-mae:977.556 eval-mae:1135.83  
[1482] train-rmse:0.411565 eval-rmse:0.475525 train-mae:977.507 eval-mae:1135.83  
[1483] train-rmse:0.411549 eval-rmse:0.475526 train-mae:977.474 eval-mae:1135.84  
[1484] train-rmse:0.41153 eval-rmse:0.475525 train-mae:977.421 eval-mae:1135.84  
[1485] train-rmse:0.411518 eval-rmse:0.475523 train-mae:977.391 eval-mae:1135.83  
[1486] train-rmse:0.411506 eval-rmse:0.475521 train-mae:977.359 eval-mae:1135.83  
[1487] train-rmse:0.411478 eval-rmse:0.475522 train-mae:977.291 eval-mae:1135.83  
[1488] train-rmse:0.411439 eval-rmse:0.475521 train-mae:977.194 eval-mae:1135.85  
[1489] train-rmse:0.41142 eval-rmse:0.475521 train-mae:977.138 eval-mae:1135.84  
[1490] train-rmse:0.411379 eval-rmse:0.47552 train-mae:977.037 eval-mae:1135.84  
[1491] train-rmse:0.411346 eval-rmse:0.475517 train-mae:976.94 eval-mae:1135.82  
[1492] train-rmse:0.411327 eval-rmse:0.475514 train-mae:976.885 eval-mae:1135.81  
[1493] train-rmse:0.411319 eval-rmse:0.475514 train-mae:976.864 eval-mae:1135.8  
[1494] train-rmse:0.411298 eval-rmse:0.475512 train-mae:976.815 eval-mae:1135.8  
[1495] train-rmse:0.411266 eval-rmse:0.47551 train-mae:976.735 eval-mae:1135.8  
[1496] train-rmse:0.411249 eval-rmse:0.475511 train-mae:976.688 eval-mae:1135.8  
[1497] train-rmse:0.41121 eval-rmse:0.47551 train-mae:976.598 eval-mae:1135.81  
[1498] train-rmse:0.411188 eval-rmse:0.475507 train-mae:976.535 eval-mae:1135.79  
[1499] train-rmse:0.411161 eval-rmse:0.475508 train-mae:976.467 eval-mae:1135.8  
[1500] train-rmse:0.411145 eval-rmse:0.475508 train-mae:976.419 eval-mae:1135.8  
[1501] train-rmse:0.411135 eval-rmse:0.475508 train-mae:976.388 eval-mae:1135.8  
[1502] train-rmse:0.411095 eval-rmse:0.475506 train-mae:976.295 eval-mae:1135.79  
[1503] train-rmse:0.411077 eval-rmse:0.475502 train-mae:976.241 eval-mae:1135.78  
[1504] train-rmse:0.41105 eval-rmse:0.475503 train-mae:976.177 eval-mae:1135.78  
[1505] train-rmse:0.411018 eval-rmse:0.475504 train-mae:976.093 eval-mae:1135.78  
[1506] train-rmse:0.410993 eval-rmse:0.475504 train-mae:976.039 eval-mae:1135.78  
[1507] train-rmse:0.410955 eval-rmse:0.475503 train-mae:975.945 eval-mae:1135.78  
[1508] train-rmse:0.410942 eval-rmse:0.475503 train-mae:975.903 eval-mae:1135.78  
[1509] train-rmse:0.410925 eval-rmse:0.475502 train-mae:975.851 eval-mae:1135.77  
[1510] train-rmse:0.410913 eval-rmse:0.475503 train-mae:975.82 eval-mae:1135.78  
[1511] train-rmse:0.410897 eval-rmse:0.475502 train-mae:975.778 eval-mae:1135.78  
[1512] train-rmse:0.410887 eval-rmse:0.4755 train-mae:975.749 eval-mae:1135.77  
[1513] train-rmse:0.410874 eval-rmse:0.4755 train-mae:975.712 eval-mae:1135.77  
[1514] train-rmse:0.410856 eval-rmse:0.475499 train-mae:975.668 eval-mae:1135.77  
[1515] train-rmse:0.410824 eval-rmse:0.475497 train-mae:975.577 eval-mae:1135.76  
[1516] train-rmse:0.410797 eval-rmse:0.475495 train-mae:975.504 eval-mae:1135.75  
[1517] train-rmse:0.410788 eval-rmse:0.475494 train-mae:975.48 eval-mae:1135.76  
[1518] train-rmse:0.410771 eval-rmse:0.475495 train-mae:975.442 eval-mae:1135.77  
[1519] train-rmse:0.410756 eval-rmse:0.475495 train-mae:975.408 eval-mae:1135.76  
[1520] train-rmse:0.410749 eval-rmse:0.475495 train-mae:975.381 eval-mae:1135.76  
[1521] train-rmse:0.410731 eval-rmse:0.475495 train-mae:975.334 eval-mae:1135.75  
[1522] train-rmse:0.410714 eval-rmse:0.475496 train-mae:975.294 eval-mae:1135.75  
[1523] train-rmse:0.410691 eval-rmse:0.475499 train-mae:975.235 eval-mae:1135.75  
[1524] train-rmse:0.410682 eval-rmse:0.475497 train-mae:975.213 eval-mae:1135.75  
[1525] train-rmse:0.410663 eval-rmse:0.475494 train-mae:975.168 eval-mae:1135.75  
[1526] train-rmse:0.410651 eval-rmse:0.475495 train-mae:975.142 eval-mae:1135.76  
[1527] train-rmse:0.41063 eval-rmse:0.475496 train-mae:975.098 eval-mae:1135.76  
[1528] train-rmse:0.410611 eval-rmse:0.475493 train-mae:975.043 eval-mae:1135.76  
[1529] train-rmse:0.410586 eval-rmse:0.475493 train-mae:974.981 eval-mae:1135.76  
[1530] train-rmse:0.410548 eval-rmse:0.475493 train-mae:974.873 eval-mae:1135.75  
[1531] train-rmse:0.410519 eval-rmse:0.475492 train-mae:974.799 eval-mae:1135.75  
[1532] train-rmse:0.410506 eval-rmse:0.475492 train-mae:974.759 eval-mae:1135.75  
[1533] train-rmse:0.410482 eval-rmse:0.475492 train-mae:974.695 eval-mae:1135.74

[1534]	train-rmse:0.410452	eval-rmse:0.475491	train-mae:974.618	eval-mae:1135.74
[1535]	train-rmse:0.410413	eval-rmse:0.475491	train-mae:974.526	eval-mae:1135.74
[1536]	train-rmse:0.410379	eval-rmse:0.475489	train-mae:974.443	eval-mae:1135.73
[1537]	train-rmse:0.410354	eval-rmse:0.475485	train-mae:974.389	eval-mae:1135.71
[1538]	train-rmse:0.410346	eval-rmse:0.475484	train-mae:974.368	eval-mae:1135.71
[1539]	train-rmse:0.410334	eval-rmse:0.475486	train-mae:974.331	eval-mae:1135.71
[1540]	train-rmse:0.410321	eval-rmse:0.475482	train-mae:974.301	eval-mae:1135.71
[1541]	train-rmse:0.410297	eval-rmse:0.475481	train-mae:974.244	eval-mae:1135.7
[1542]	train-rmse:0.410289	eval-rmse:0.475479	train-mae:974.222	eval-mae:1135.7
[1543]	train-rmse:0.410284	eval-rmse:0.475479	train-mae:974.203	eval-mae:1135.7
[1544]	train-rmse:0.410268	eval-rmse:0.475476	train-mae:974.164	eval-mae:1135.69
[1545]	train-rmse:0.410259	eval-rmse:0.475476	train-mae:974.135	eval-mae:1135.69
[1546]	train-rmse:0.41024	eval-rmse:0.475475	train-mae:974.075	eval-mae:1135.69
[1547]	train-rmse:0.410221	eval-rmse:0.475475	train-mae:974.023	eval-mae:1135.69
[1548]	train-rmse:0.410189	eval-rmse:0.475474	train-mae:973.933	eval-mae:1135.68
[1549]	train-rmse:0.410183	eval-rmse:0.475474	train-mae:973.917	eval-mae:1135.68
[1550]	train-rmse:0.410172	eval-rmse:0.475475	train-mae:973.884	eval-mae:1135.68
[1551]	train-rmse:0.410135	eval-rmse:0.475472	train-mae:973.794	eval-mae:1135.67
[1552]	train-rmse:0.410116	eval-rmse:0.475471	train-mae:973.74	eval-mae:1135.67
[1553]	train-rmse:0.410097	eval-rmse:0.475473	train-mae:973.694	eval-mae:1135.68
[1554]	train-rmse:0.410087	eval-rmse:0.475471	train-mae:973.663	eval-mae:1135.67
[1555]	train-rmse:0.410069	eval-rmse:0.475472	train-mae:973.609	eval-mae:1135.68
[1556]	train-rmse:0.410044	eval-rmse:0.475472	train-mae:973.543	eval-mae:1135.67
[1557]	train-rmse:0.410015	eval-rmse:0.47547	train-mae:973.471	eval-mae:1135.67
[1558]	train-rmse:0.409976	eval-rmse:0.47547	train-mae:973.37	eval-mae:1135.67
[1559]	train-rmse:0.409954	eval-rmse:0.475469	train-mae:973.322	eval-mae:1135.66
[1560]	train-rmse:0.409939	eval-rmse:0.475467	train-mae:973.281	eval-mae:1135.66
[1561]	train-rmse:0.409922	eval-rmse:0.475467	train-mae:973.244	eval-mae:1135.65
[1562]	train-rmse:0.4099	eval-rmse:0.475463	train-mae:973.185	eval-mae:1135.64
[1563]	train-rmse:0.409876	eval-rmse:0.475464	train-mae:973.128	eval-mae:1135.64
[1564]	train-rmse:0.409838	eval-rmse:0.475461	train-mae:973.04	eval-mae:1135.64
[1565]	train-rmse:0.409815	eval-rmse:0.47546	train-mae:972.981	eval-mae:1135.64
[1566]	train-rmse:0.409787	eval-rmse:0.475462	train-mae:972.911	eval-mae:1135.65
[1567]	train-rmse:0.409769	eval-rmse:0.475463	train-mae:972.864	eval-mae:1135.66
[1568]	train-rmse:0.409748	eval-rmse:0.475466	train-mae:972.816	eval-mae:1135.66
[1569]	train-rmse:0.40973	eval-rmse:0.475466	train-mae:972.768	eval-mae:1135.66
[1570]	train-rmse:0.409721	eval-rmse:0.475466	train-mae:972.737	eval-mae:1135.66
[1571]	train-rmse:0.409709	eval-rmse:0.475466	train-mae:972.694	eval-mae:1135.65
[1572]	train-rmse:0.409684	eval-rmse:0.475466	train-mae:972.635	eval-mae:1135.65
[1573]	train-rmse:0.409663	eval-rmse:0.475467	train-mae:972.582	eval-mae:1135.65
[1574]	train-rmse:0.409652	eval-rmse:0.475468	train-mae:972.556	eval-mae:1135.66
[1575]	train-rmse:0.409639	eval-rmse:0.475465	train-mae:972.526	eval-mae:1135.65
[1576]	train-rmse:0.409624	eval-rmse:0.475463	train-mae:972.492	eval-mae:1135.65
[1577]	train-rmse:0.409583	eval-rmse:0.475463	train-mae:972.392	eval-mae:1135.65
[1578]	train-rmse:0.409559	eval-rmse:0.475462	train-mae:972.324	eval-mae:1135.65
[1579]	train-rmse:0.409548	eval-rmse:0.47546	train-mae:972.298	eval-mae:1135.65
[1580]	train-rmse:0.409539	eval-rmse:0.475461	train-mae:972.277	eval-mae:1135.65
[1581]	train-rmse:0.409525	eval-rmse:0.47546	train-mae:972.233	eval-mae:1135.64
[1582]	train-rmse:0.409513	eval-rmse:0.475462	train-mae:972.203	eval-mae:1135.64
[1583]	train-rmse:0.409506	eval-rmse:0.47546	train-mae:972.185	eval-mae:1135.64
[1584]	train-rmse:0.409496	eval-rmse:0.475461	train-mae:972.158	eval-mae:1135.63
[1585]	train-rmse:0.409484	eval-rmse:0.475464	train-mae:972.13	eval-mae:1135.64
[1586]	train-rmse:0.409461	eval-rmse:0.475462	train-mae:972.075	eval-mae:1135.64
[1587]	train-rmse:0.409428	eval-rmse:0.47546	train-mae:971.999	eval-mae:1135.63
[1588]	train-rmse:0.409412	eval-rmse:0.475459	train-mae:971.952	eval-mae:1135.63
[1589]	train-rmse:0.409395	eval-rmse:0.475459	train-mae:971.905	eval-mae:1135.63
[1590]	train-rmse:0.40937	eval-rmse:0.475458	train-mae:971.845	eval-mae:1135.63
[1591]	train-rmse:0.409331	eval-rmse:0.475458	train-mae:971.763	eval-mae:1135.64
[1592]	train-rmse:0.409318	eval-rmse:0.475456	train-mae:971.722	eval-mae:1135.62
[1593]	train-rmse:0.409293	eval-rmse:0.475455	train-mae:971.651	eval-mae:1135.61
[1594]	train-rmse:0.409262	eval-rmse:0.475452	train-mae:971.573	eval-mae:1135.6
[1595]	train-rmse:0.409243	eval-rmse:0.475451	train-mae:971.526	eval-mae:1135.59
[1596]	train-rmse:0.409213	eval-rmse:0.475448	train-mae:971.465	eval-mae:1135.58
[1597]	train-rmse:0.409197	eval-rmse:0.475447	train-mae:971.423	eval-mae:1135.58
[1598]	train-rmse:0.409176	eval-rmse:0.475446	train-mae:971.359	eval-mae:1135.58
[1599]	train-rmse:0.409144	eval-rmse:0.475443	train-mae:971.27	eval-mae:1135.58
[1600]	train-rmse:0.409115	eval-rmse:0.475442	train-mae:971.203	eval-mae:1135.58
[1601]	train-rmse:0.409104	eval-rmse:0.475441	train-mae:971.168	eval-mae:1135.58
[1602]	train-rmse:0.409079	eval-rmse:0.475437	train-mae:971.107	eval-mae:1135.56
[1603]	train-rmse:0.409063	eval-rmse:0.475436	train-mae:971.067	eval-mae:1135.56
[1604]	train-rmse:0.409045	eval-rmse:0.475436	train-mae:971.028	eval-mae:1135.55
[1605]	train-rmse:0.409022	eval-rmse:0.475435	train-mae:970.964	eval-mae:1135.54

[1606] train-rmse:0.409009 eval-rmse:0.475431 train-mae:970.935 eval-mae:1135.54  
[1607] train-rmse:0.408991 eval-rmse:0.475431 train-mae:970.89 eval-mae:1135.53  
[1608] train-rmse:0.408974 eval-rmse:0.475432 train-mae:970.847 eval-mae:1135.53  
[1609] train-rmse:0.408945 eval-rmse:0.475432 train-mae:970.771 eval-mae:1135.54  
[1610] train-rmse:0.408931 eval-rmse:0.47543 train-mae:970.733 eval-mae:1135.53  
[1611] train-rmse:0.408916 eval-rmse:0.475429 train-mae:970.699 eval-mae:1135.52  
[1612] train-rmse:0.408882 eval-rmse:0.475425 train-mae:970.603 eval-mae:1135.52  
[1613] train-rmse:0.408868 eval-rmse:0.475424 train-mae:970.559 eval-mae:1135.51  
[1614] train-rmse:0.408847 eval-rmse:0.475421 train-mae:970.51 eval-mae:1135.51  
[1615] train-rmse:0.40882 eval-rmse:0.475424 train-mae:970.446 eval-mae:1135.51  
[1616] train-rmse:0.4088 eval-rmse:0.475424 train-mae:970.393 eval-mae:1135.52  
[1617] train-rmse:0.40877 eval-rmse:0.475422 train-mae:970.331 eval-mae:1135.51  
[1618] train-rmse:0.408756 eval-rmse:0.475421 train-mae:970.293 eval-mae:1135.51  
[1619] train-rmse:0.408744 eval-rmse:0.475421 train-mae:970.251 eval-mae:1135.51  
[1620] train-rmse:0.408721 eval-rmse:0.475419 train-mae:970.197 eval-mae:1135.51  
[1621] train-rmse:0.408696 eval-rmse:0.475417 train-mae:970.132 eval-mae:1135.5  
[1622] train-rmse:0.408675 eval-rmse:0.475416 train-mae:970.073 eval-mae:1135.5  
[1623] train-rmse:0.408645 eval-rmse:0.475415 train-mae:970.009 eval-mae:1135.49  
[1624] train-rmse:0.408622 eval-rmse:0.475415 train-mae:969.948 eval-mae:1135.49  
[1625] train-rmse:0.408615 eval-rmse:0.475416 train-mae:969.929 eval-mae:1135.49  
[1626] train-rmse:0.408607 eval-rmse:0.475416 train-mae:969.908 eval-mae:1135.49  
[1627] train-rmse:0.408603 eval-rmse:0.475415 train-mae:969.896 eval-mae:1135.49  
[1628] train-rmse:0.408587 eval-rmse:0.475415 train-mae:969.85 eval-mae:1135.49  
[1629] train-rmse:0.408558 eval-rmse:0.475414 train-mae:969.778 eval-mae:1135.49  
[1630] train-rmse:0.408541 eval-rmse:0.475415 train-mae:969.74 eval-mae:1135.49  
[1631] train-rmse:0.408528 eval-rmse:0.475413 train-mae:969.703 eval-mae:1135.5  
[1632] train-rmse:0.408517 eval-rmse:0.475414 train-mae:969.674 eval-mae:1135.5  
[1633] train-rmse:0.408499 eval-rmse:0.475413 train-mae:969.625 eval-mae:1135.49  
[1634] train-rmse:0.408489 eval-rmse:0.475412 train-mae:969.593 eval-mae:1135.49  
[1635] train-rmse:0.408464 eval-rmse:0.475412 train-mae:969.52 eval-mae:1135.48  
[1636] train-rmse:0.40844 eval-rmse:0.475414 train-mae:969.465 eval-mae:1135.49  
[1637] train-rmse:0.408416 eval-rmse:0.475413 train-mae:969.41 eval-mae:1135.48  
[1638] train-rmse:0.408399 eval-rmse:0.475412 train-mae:969.37 eval-mae:1135.48  
[1639] train-rmse:0.408372 eval-rmse:0.475411 train-mae:969.314 eval-mae:1135.47  
[1640] train-rmse:0.408336 eval-rmse:0.475406 train-mae:969.224 eval-mae:1135.46  
[1641] train-rmse:0.40831 eval-rmse:0.475406 train-mae:969.164 eval-mae:1135.46  
[1642] train-rmse:0.40829 eval-rmse:0.475406 train-mae:969.119 eval-mae:1135.47  
[1643] train-rmse:0.408253 eval-rmse:0.475404 train-mae:969.027 eval-mae:1135.46  
[1644] train-rmse:0.408246 eval-rmse:0.475404 train-mae:969.01 eval-mae:1135.46  
[1645] train-rmse:0.408225 eval-rmse:0.475405 train-mae:968.945 eval-mae:1135.45  
[1646] train-rmse:0.408214 eval-rmse:0.475403 train-mae:968.915 eval-mae:1135.45  
[1647] train-rmse:0.408203 eval-rmse:0.475404 train-mae:968.889 eval-mae:1135.45  
[1648] train-rmse:0.408172 eval-rmse:0.475403 train-mae:968.807 eval-mae:1135.44  
[1649] train-rmse:0.408151 eval-rmse:0.475403 train-mae:968.76 eval-mae:1135.45  
[1650] train-rmse:0.408105 eval-rmse:0.475404 train-mae:968.654 eval-mae:1135.45  
[1651] train-rmse:0.408098 eval-rmse:0.475403 train-mae:968.632 eval-mae:1135.45  
[1652] train-rmse:0.408085 eval-rmse:0.475403 train-mae:968.599 eval-mae:1135.44  
[1653] train-rmse:0.408065 eval-rmse:0.475402 train-mae:968.541 eval-mae:1135.45  
[1654] train-rmse:0.408057 eval-rmse:0.475402 train-mae:968.523 eval-mae:1135.45  
[1655] train-rmse:0.408046 eval-rmse:0.475403 train-mae:968.493 eval-mae:1135.45  
[1656] train-rmse:0.40804 eval-rmse:0.475403 train-mae:968.474 eval-mae:1135.45  
[1657] train-rmse:0.408025 eval-rmse:0.475403 train-mae:968.44 eval-mae:1135.46  
[1658] train-rmse:0.407999 eval-rmse:0.475403 train-mae:968.376 eval-mae:1135.46  
[1659] train-rmse:0.407964 eval-rmse:0.475403 train-mae:968.279 eval-mae:1135.46  
[1660] train-rmse:0.407956 eval-rmse:0.475403 train-mae:968.264 eval-mae:1135.46  
[1661] train-rmse:0.40794 eval-rmse:0.475403 train-mae:968.226 eval-mae:1135.46  
[1662] train-rmse:0.407921 eval-rmse:0.475398 train-mae:968.177 eval-mae:1135.44  
[1663] train-rmse:0.407904 eval-rmse:0.475397 train-mae:968.124 eval-mae:1135.44  
[1664] train-rmse:0.407875 eval-rmse:0.475395 train-mae:968.056 eval-mae:1135.43  
[1665] train-rmse:0.407841 eval-rmse:0.475398 train-mae:967.976 eval-mae:1135.43  
[1666] train-rmse:0.407832 eval-rmse:0.475397 train-mae:967.956 eval-mae:1135.43  
[1667] train-rmse:0.4078 eval-rmse:0.475399 train-mae:967.879 eval-mae:1135.43  
[1668] train-rmse:0.40779 eval-rmse:0.475399 train-mae:967.857 eval-mae:1135.43  
[1669] train-rmse:0.407778 eval-rmse:0.475399 train-mae:967.823 eval-mae:1135.43  
[1670] train-rmse:0.407757 eval-rmse:0.475395 train-mae:967.776 eval-mae:1135.43  
[1671] train-rmse:0.407733 eval-rmse:0.475394 train-mae:967.702 eval-mae:1135.42  
[1672] train-rmse:0.407707 eval-rmse:0.475397 train-mae:967.652 eval-mae:1135.43  
[1673] train-rmse:0.407691 eval-rmse:0.475397 train-mae:967.604 eval-mae:1135.42  
[1674] train-rmse:0.407658 eval-rmse:0.475397 train-mae:967.523 eval-mae:1135.42  
[1675] train-rmse:0.407632 eval-rmse:0.475397 train-mae:967.459 eval-mae:1135.42  
[1676] train-rmse:0.407617 eval-rmse:0.475395 train-mae:967.414 eval-mae:1135.41  
[1677] train-rmse:0.407599 eval-rmse:0.475395 train-mae:967.357 eval-mae:1135.41

[1678] train-rmse:0.407585 eval-rmse:0.475383 train-mae:967.317 eval-mae:1135.4  
[1679] train-rmse:0.407571 eval-rmse:0.475394 train-mae:967.281 eval-mae:1135.39  
[1680] train-rmse:0.407557 eval-rmse:0.475393 train-mae:967.249 eval-mae:1135.4  
[1681] train-rmse:0.407536 eval-rmse:0.475394 train-mae:967.198 eval-mae:1135.4  
[1682] train-rmse:0.407525 eval-rmse:0.475394 train-mae:967.176 eval-mae:1135.4  
[1683] train-rmse:0.407495 eval-rmse:0.475391 train-mae:967.108 eval-mae:1135.4  
[1684] train-rmse:0.407482 eval-rmse:0.475392 train-mae:967.065 eval-mae:1135.41  
[1685] train-rmse:0.40747 eval-rmse:0.475393 train-mae:967.04 eval-mae:1135.41  
[1686] train-rmse:0.407437 eval-rmse:0.475389 train-mae:966.963 eval-mae:1135.4  
[1687] train-rmse:0.407403 eval-rmse:0.47539 train-mae:966.885 eval-mae:1135.41  
[1688] train-rmse:0.407395 eval-rmse:0.47539 train-mae:966.861 eval-mae:1135.4  
[1689] train-rmse:0.407364 eval-rmse:0.475387 train-mae:966.766 eval-mae:1135.39  
[1690] train-rmse:0.407355 eval-rmse:0.475388 train-mae:966.746 eval-mae:1135.4  
[1691] train-rmse:0.407329 eval-rmse:0.475387 train-mae:966.686 eval-mae:1135.39  
[1692] train-rmse:0.407303 eval-rmse:0.475387 train-mae:966.617 eval-mae:1135.39  
[1693] train-rmse:0.407265 eval-rmse:0.475388 train-mae:966.517 eval-mae:1135.4  
[1694] train-rmse:0.407228 eval-rmse:0.475386 train-mae:966.417 eval-mae:1135.39  
[1695] train-rmse:0.407207 eval-rmse:0.475386 train-mae:966.355 eval-mae:1135.4  
[1696] train-rmse:0.407178 eval-rmse:0.475385 train-mae:966.272 eval-mae:1135.4  
[1697] train-rmse:0.407152 eval-rmse:0.475388 train-mae:966.21 eval-mae:1135.4  
[1698] train-rmse:0.407142 eval-rmse:0.475388 train-mae:966.173 eval-mae:1135.41  
[1699] train-rmse:0.407124 eval-rmse:0.475389 train-mae:966.133 eval-mae:1135.41  
[1700] train-rmse:0.407095 eval-rmse:0.475389 train-mae:966.065 eval-mae:1135.41  
[1701] train-rmse:0.407064 eval-rmse:0.475388 train-mae:965.998 eval-mae:1135.42  
[1702] train-rmse:0.407037 eval-rmse:0.475384 train-mae:965.907 eval-mae:1135.39  
[1703] train-rmse:0.407016 eval-rmse:0.475383 train-mae:965.856 eval-mae:1135.39  
[1704] train-rmse:0.407004 eval-rmse:0.47538 train-mae:965.824 eval-mae:1135.38  
[1705] train-rmse:0.40698 eval-rmse:0.475382 train-mae:965.763 eval-mae:1135.39  
[1706] train-rmse:0.406953 eval-rmse:0.475382 train-mae:965.693 eval-mae:1135.38  
[1707] train-rmse:0.406939 eval-rmse:0.475381 train-mae:965.662 eval-mae:1135.38  
[1708] train-rmse:0.406921 eval-rmse:0.475383 train-mae:965.608 eval-mae:1135.38  
[1709] train-rmse:0.406894 eval-rmse:0.475384 train-mae:965.527 eval-mae:1135.39  
[1710] train-rmse:0.406873 eval-rmse:0.475383 train-mae:965.477 eval-mae:1135.39  
[1711] train-rmse:0.406865 eval-rmse:0.475382 train-mae:965.456 eval-mae:1135.39  
[1712] train-rmse:0.406859 eval-rmse:0.475382 train-mae:965.441 eval-mae:1135.38  
[1713] train-rmse:0.406853 eval-rmse:0.475381 train-mae:965.424 eval-mae:1135.38  
[1714] train-rmse:0.406836 eval-rmse:0.47538 train-mae:965.387 eval-mae:1135.38  
[1715] train-rmse:0.406814 eval-rmse:0.475378 train-mae:965.334 eval-mae:1135.38  
[1716] train-rmse:0.406802 eval-rmse:0.475378 train-mae:965.299 eval-mae:1135.38  
[1717] train-rmse:0.406787 eval-rmse:0.475375 train-mae:965.254 eval-mae:1135.37  
[1718] train-rmse:0.406771 eval-rmse:0.475376 train-mae:965.22 eval-mae:1135.37  
[1719] train-rmse:0.406749 eval-rmse:0.475375 train-mae:965.156 eval-mae:1135.36  
[1720] train-rmse:0.406734 eval-rmse:0.475375 train-mae:965.111 eval-mae:1135.36  
[1721] train-rmse:0.406704 eval-rmse:0.475375 train-mae:965.034 eval-mae:1135.35  
[1722] train-rmse:0.406675 eval-rmse:0.475373 train-mae:964.963 eval-mae:1135.35  
[1723] train-rmse:0.406645 eval-rmse:0.475374 train-mae:964.89 eval-mae:1135.36  
[1724] train-rmse:0.40663 eval-rmse:0.475372 train-mae:964.851 eval-mae:1135.35  
[1725] train-rmse:0.406624 eval-rmse:0.475372 train-mae:964.839 eval-mae:1135.35  
[1726] train-rmse:0.40661 eval-rmse:0.475371 train-mae:964.805 eval-mae:1135.35  
[1727] train-rmse:0.4066 eval-rmse:0.475371 train-mae:964.778 eval-mae:1135.35  
[1728] train-rmse:0.406579 eval-rmse:0.475371 train-mae:964.73 eval-mae:1135.35  
[1729] train-rmse:0.406563 eval-rmse:0.475372 train-mae:964.698 eval-mae:1135.36  
[1730] train-rmse:0.406555 eval-rmse:0.475371 train-mae:964.672 eval-mae:1135.35  
[1731] train-rmse:0.406536 eval-rmse:0.47537 train-mae:964.609 eval-mae:1135.35  
[1732] train-rmse:0.406517 eval-rmse:0.475368 train-mae:964.567 eval-mae:1135.35  
[1733] train-rmse:0.406494 eval-rmse:0.475366 train-mae:964.509 eval-mae:1135.34  
[1734] train-rmse:0.406475 eval-rmse:0.475365 train-mae:964.461 eval-mae:1135.34  
[1735] train-rmse:0.406456 eval-rmse:0.475363 train-mae:964.417 eval-mae:1135.34  
[1736] train-rmse:0.406432 eval-rmse:0.475362 train-mae:964.358 eval-mae:1135.34  
[1737] train-rmse:0.406421 eval-rmse:0.475361 train-mae:964.325 eval-mae:1135.33  
[1738] train-rmse:0.406389 eval-rmse:0.475357 train-mae:964.254 eval-mae:1135.31  
[1739] train-rmse:0.406375 eval-rmse:0.475356 train-mae:964.217 eval-mae:1135.3  
[1740] train-rmse:0.406366 eval-rmse:0.475355 train-mae:964.191 eval-mae:1135.3  
[1741] train-rmse:0.406356 eval-rmse:0.475355 train-mae:964.168 eval-mae:1135.3  
[1742] train-rmse:0.406338 eval-rmse:0.475352 train-mae:964.123 eval-mae:1135.29  
[1743] train-rmse:0.406325 eval-rmse:0.475352 train-mae:964.087 eval-mae:1135.29  
[1744] train-rmse:0.406315 eval-rmse:0.475352 train-mae:964.057 eval-mae:1135.29  
[1745] train-rmse:0.406293 eval-rmse:0.475351 train-mae:964.005 eval-mae:1135.29  
[1746] train-rmse:0.406269 eval-rmse:0.475352 train-mae:963.951 eval-mae:1135.29  
[1747] train-rmse:0.406244 eval-rmse:0.475353 train-mae:963.882 eval-mae:1135.3  
[1748] train-rmse:0.406233 eval-rmse:0.475353 train-mae:963.85 eval-mae:1135.29  
[1749] train-rmse:0.40622 eval-rmse:0.475351 train-mae:963.82 eval-mae:1135.29



[1750] train-rmse:0.406204 eval-rmse:0.475349 train-mae:963.784 eval-mae:1135.28  
[1751] train-rmse:0.406188 eval-rmse:0.47535 train-mae:963.743 eval-mae:1135.28  
[1752] train-rmse:0.40618 eval-rmse:0.47535 train-mae:963.722 eval-mae:1135.28  
[1753] train-rmse:0.406173 eval-rmse:0.475349 train-mae:963.702 eval-mae:1135.28  
[1754] train-rmse:0.406153 eval-rmse:0.475352 train-mae:963.652 eval-mae:1135.28  
[1755] train-rmse:0.406138 eval-rmse:0.475351 train-mae:963.612 eval-mae:1135.28  
[1756] train-rmse:0.406133 eval-rmse:0.47535 train-mae:963.605 eval-mae:1135.28  
[1757] train-rmse:0.406109 eval-rmse:0.47535 train-mae:963.55 eval-mae:1135.28  
[1758] train-rmse:0.406093 eval-rmse:0.475351 train-mae:963.509 eval-mae:1135.29  
[1759] train-rmse:0.406063 eval-rmse:0.475349 train-mae:963.437 eval-mae:1135.28  
[1760] train-rmse:0.406043 eval-rmse:0.475349 train-mae:963.391 eval-mae:1135.28  
[1761] train-rmse:0.406024 eval-rmse:0.475346 train-mae:963.335 eval-mae:1135.28  
[1762] train-rmse:0.406013 eval-rmse:0.475345 train-mae:963.309 eval-mae:1135.27  
[1763] train-rmse:0.406003 eval-rmse:0.475345 train-mae:963.283 eval-mae:1135.26  
[1764] train-rmse:0.405997 eval-rmse:0.475344 train-mae:963.259 eval-mae:1135.26  
[1765] train-rmse:0.405966 eval-rmse:0.475344 train-mae:963.172 eval-mae:1135.27  
[1766] train-rmse:0.405956 eval-rmse:0.475343 train-mae:963.146 eval-mae:1135.27  
[1767] train-rmse:0.405926 eval-rmse:0.47534 train-mae:963.067 eval-mae:1135.26  
[1768] train-rmse:0.405891 eval-rmse:0.475339 train-mae:962.984 eval-mae:1135.26  
[1769] train-rmse:0.405879 eval-rmse:0.47534 train-mae:962.954 eval-mae:1135.26  
[1770] train-rmse:0.40586 eval-rmse:0.475338 train-mae:962.905 eval-mae:1135.26  
[1771] train-rmse:0.405855 eval-rmse:0.475337 train-mae:962.891 eval-mae:1135.26  
[1772] train-rmse:0.405846 eval-rmse:0.475338 train-mae:962.867 eval-mae:1135.26  
[1773] train-rmse:0.405839 eval-rmse:0.475338 train-mae:962.85 eval-mae:1135.26  
[1774] train-rmse:0.405816 eval-rmse:0.475341 train-mae:962.789 eval-mae:1135.27  
[1775] train-rmse:0.405792 eval-rmse:0.475339 train-mae:962.727 eval-mae:1135.27  
[1776] train-rmse:0.405772 eval-rmse:0.475338 train-mae:962.68 eval-mae:1135.26  
[1777] train-rmse:0.405752 eval-rmse:0.475337 train-mae:962.632 eval-mae:1135.25  
[1778] train-rmse:0.405738 eval-rmse:0.475336 train-mae:962.594 eval-mae:1135.25  
[1779] train-rmse:0.405735 eval-rmse:0.475337 train-mae:962.585 eval-mae:1135.25  
[1780] train-rmse:0.40573 eval-rmse:0.475338 train-mae:962.57 eval-mae:1135.24  
[1781] train-rmse:0.405717 eval-rmse:0.475337 train-mae:962.543 eval-mae:1135.24  
[1782] train-rmse:0.405701 eval-rmse:0.47534 train-mae:962.494 eval-mae:1135.23  
[1783] train-rmse:0.405674 eval-rmse:0.475342 train-mae:962.439 eval-mae:1135.24  
[1784] train-rmse:0.405658 eval-rmse:0.475344 train-mae:962.399 eval-mae:1135.25  
[1785] train-rmse:0.405629 eval-rmse:0.475345 train-mae:962.323 eval-mae:1135.25  
[1786] train-rmse:0.405602 eval-rmse:0.475345 train-mae:962.26 eval-mae:1135.25  
[1787] train-rmse:0.405575 eval-rmse:0.475343 train-mae:962.185 eval-mae:1135.25  
[1788] train-rmse:0.405554 eval-rmse:0.475346 train-mae:962.133 eval-mae:1135.26  
[1789] train-rmse:0.405541 eval-rmse:0.475346 train-mae:962.092 eval-mae:1135.26  
[1790] train-rmse:0.405512 eval-rmse:0.475345 train-mae:962.026 eval-mae:1135.25  
[1791] train-rmse:0.405497 eval-rmse:0.475347 train-mae:961.992 eval-mae:1135.25  
[1792] train-rmse:0.405482 eval-rmse:0.475346 train-mae:961.957 eval-mae:1135.25  
[1793] train-rmse:0.405478 eval-rmse:0.475347 train-mae:961.948 eval-mae:1135.25  
[1794] train-rmse:0.405464 eval-rmse:0.475345 train-mae:961.91 eval-mae:1135.24  
[1795] train-rmse:0.405441 eval-rmse:0.475345 train-mae:961.849 eval-mae:1135.24  
[1796] train-rmse:0.405428 eval-rmse:0.475344 train-mae:961.819 eval-mae:1135.24  
[1797] train-rmse:0.405402 eval-rmse:0.475343 train-mae:961.759 eval-mae:1135.24  
[1798] train-rmse:0.40538 eval-rmse:0.475342 train-mae:961.696 eval-mae:1135.24  
[1799] train-rmse:0.405363 eval-rmse:0.475343 train-mae:961.644 eval-mae:1135.23  
[1800] train-rmse:0.405346 eval-rmse:0.475344 train-mae:961.596 eval-mae:1135.23  
[1801] train-rmse:0.405328 eval-rmse:0.475345 train-mae:961.549 eval-mae:1135.24  
[1802] train-rmse:0.405319 eval-rmse:0.475344 train-mae:961.522 eval-mae:1135.23  
[1803] train-rmse:0.405301 eval-rmse:0.475345 train-mae:961.48 eval-mae:1135.23  
[1804] train-rmse:0.405299 eval-rmse:0.475344 train-mae:961.473 eval-mae:1135.23  
[1805] train-rmse:0.405287 eval-rmse:0.475343 train-mae:961.448 eval-mae:1135.23  
[1806] train-rmse:0.405275 eval-rmse:0.475342 train-mae:961.419 eval-mae:1135.23  
[1807] train-rmse:0.405268 eval-rmse:0.475343 train-mae:961.403 eval-mae:1135.23  
[1808] train-rmse:0.405237 eval-rmse:0.475342 train-mae:961.327 eval-mae:1135.23  
[1809] train-rmse:0.405227 eval-rmse:0.475342 train-mae:961.299 eval-mae:1135.22  
[1810] train-rmse:0.405213 eval-rmse:0.475343 train-mae:961.267 eval-mae:1135.22  
[1811] train-rmse:0.405181 eval-rmse:0.475343 train-mae:961.193 eval-mae:1135.22  
[1812] train-rmse:0.405164 eval-rmse:0.47534 train-mae:961.154 eval-mae:1135.21  
[1813] train-rmse:0.405159 eval-rmse:0.475339 train-mae:961.139 eval-mae:1135.21  
[1814] train-rmse:0.405152 eval-rmse:0.475339 train-mae:961.115 eval-mae:1135.21  
[1815] train-rmse:0.405112 eval-rmse:0.475337 train-mae:961.029 eval-mae:1135.2  
[1816] train-rmse:0.405077 eval-rmse:0.475335 train-mae:960.936 eval-mae:1135.2  
[1817] train-rmse:0.405065 eval-rmse:0.475333 train-mae:960.891 eval-mae:1135.2  
[1818] train-rmse:0.405046 eval-rmse:0.47533 train-mae:960.843 eval-mae:1135.18  
[1819] train-rmse:0.405031 eval-rmse:0.47533 train-mae:960.807 eval-mae:1135.18  
[1820] train-rmse:0.405004 eval-rmse:0.475331 train-mae:960.741 eval-mae:1135.19  
[1821] train-rmse:0.404984 eval-rmse:0.475329 train-mae:960.687 eval-mae:1135.19

[1822]	train-rmse:0.404963	eval-rmse:0.475331	train-mae:960.629	eval-mae:1135.18
[1823]	train-rmse:0.404939	eval-rmse:0.475329	train-mae:960.573	eval-mae:1135.18
[1824]	train-rmse:0.404917	eval-rmse:0.47533	train-mae:960.511	eval-mae:1135.18
[1825]	train-rmse:0.404895	eval-rmse:0.475331	train-mae:960.447	eval-mae:1135.18
[1826]	train-rmse:0.404868	eval-rmse:0.475328	train-mae:960.385	eval-mae:1135.16
[1827]	train-rmse:0.404854	eval-rmse:0.475328	train-mae:960.352	eval-mae:1135.16
[1828]	train-rmse:0.404833	eval-rmse:0.475326	train-mae:960.299	eval-mae:1135.16
[1829]	train-rmse:0.404816	eval-rmse:0.475327	train-mae:960.263	eval-mae:1135.16
[1830]	train-rmse:0.404791	eval-rmse:0.475329	train-mae:960.196	eval-mae:1135.17
[1831]	train-rmse:0.404785	eval-rmse:0.475329	train-mae:960.18	eval-mae:1135.17
[1832]	train-rmse:0.404769	eval-rmse:0.47533	train-mae:960.141	eval-mae:1135.17
[1833]	train-rmse:0.404755	eval-rmse:0.47533	train-mae:960.109	eval-mae:1135.17
[1834]	train-rmse:0.404733	eval-rmse:0.475329	train-mae:960.061	eval-mae:1135.17
[1835]	train-rmse:0.404718	eval-rmse:0.475328	train-mae:960.024	eval-mae:1135.17
[1836]	train-rmse:0.404709	eval-rmse:0.475327	train-mae:959.995	eval-mae:1135.16
[1837]	train-rmse:0.404675	eval-rmse:0.475329	train-mae:959.92	eval-mae:1135.16
[1838]	train-rmse:0.404654	eval-rmse:0.47533	train-mae:959.873	eval-mae:1135.17
[1839]	train-rmse:0.404644	eval-rmse:0.47533	train-mae:959.841	eval-mae:1135.16
[1840]	train-rmse:0.40463	eval-rmse:0.47533	train-mae:959.812	eval-mae:1135.16
[1841]	train-rmse:0.404606	eval-rmse:0.475329	train-mae:959.738	eval-mae:1135.15
[1842]	train-rmse:0.404599	eval-rmse:0.475329	train-mae:959.719	eval-mae:1135.15
[1843]	train-rmse:0.404566	eval-rmse:0.475331	train-mae:959.638	eval-mae:1135.15
[1844]	train-rmse:0.40454	eval-rmse:0.475328	train-mae:959.577	eval-mae:1135.13
[1845]	train-rmse:0.404531	eval-rmse:0.475327	train-mae:959.554	eval-mae:1135.13
[1846]	train-rmse:0.404506	eval-rmse:0.475326	train-mae:959.491	eval-mae:1135.12
[1847]	train-rmse:0.404458	eval-rmse:0.475323	train-mae:959.365	eval-mae:1135.11
[1848]	train-rmse:0.404453	eval-rmse:0.475322	train-mae:959.355	eval-mae:1135.1
[1849]	train-rmse:0.404429	eval-rmse:0.475324	train-mae:959.302	eval-mae:1135.1
[1850]	train-rmse:0.404423	eval-rmse:0.475324	train-mae:959.289	eval-mae:1135.1
[1851]	train-rmse:0.404413	eval-rmse:0.475325	train-mae:959.267	eval-mae:1135.1
[1852]	train-rmse:0.404387	eval-rmse:0.475323	train-mae:959.205	eval-mae:1135.1
[1853]	train-rmse:0.404353	eval-rmse:0.475324	train-mae:959.117	eval-mae:1135.1
[1854]	train-rmse:0.404339	eval-rmse:0.475325	train-mae:959.082	eval-mae:1135.11
[1855]	train-rmse:0.404324	eval-rmse:0.475326	train-mae:959.046	eval-mae:1135.12
[1856]	train-rmse:0.404317	eval-rmse:0.475327	train-mae:959.02	eval-mae:1135.12
[1857]	train-rmse:0.404302	eval-rmse:0.475328	train-mae:958.987	eval-mae:1135.13
[1858]	train-rmse:0.404288	eval-rmse:0.475328	train-mae:958.951	eval-mae:1135.13
[1859]	train-rmse:0.404275	eval-rmse:0.475327	train-mae:958.924	eval-mae:1135.13
[1860]	train-rmse:0.404264	eval-rmse:0.475326	train-mae:958.898	eval-mae:1135.12
[1861]	train-rmse:0.404252	eval-rmse:0.475326	train-mae:958.868	eval-mae:1135.12
[1862]	train-rmse:0.404235	eval-rmse:0.475326	train-mae:958.828	eval-mae:1135.13
[1863]	train-rmse:0.404194	eval-rmse:0.475322	train-mae:958.729	eval-mae:1135.12
[1864]	train-rmse:0.404185	eval-rmse:0.475322	train-mae:958.701	eval-mae:1135.12
[1865]	train-rmse:0.40415	eval-rmse:0.47532	train-mae:958.615	eval-mae:1135.12
[1866]	train-rmse:0.404139	eval-rmse:0.475319	train-mae:958.587	eval-mae:1135.12
[1867]	train-rmse:0.404128	eval-rmse:0.475318	train-mae:958.553	eval-mae:1135.11
[1868]	train-rmse:0.404116	eval-rmse:0.475316	train-mae:958.518	eval-mae:1135.1
[1869]	train-rmse:0.404097	eval-rmse:0.475316	train-mae:958.475	eval-mae:1135.1
[1870]	train-rmse:0.404092	eval-rmse:0.475315	train-mae:958.46	eval-mae:1135.1
[1871]	train-rmse:0.404081	eval-rmse:0.475316	train-mae:958.43	eval-mae:1135.1
[1872]	train-rmse:0.404071	eval-rmse:0.475315	train-mae:958.409	eval-mae:1135.1
[1873]	train-rmse:0.404055	eval-rmse:0.475313	train-mae:958.346	eval-mae:1135.08
[1874]	train-rmse:0.40405	eval-rmse:0.475312	train-mae:958.333	eval-mae:1135.08
[1875]	train-rmse:0.404027	eval-rmse:0.475313	train-mae:958.283	eval-mae:1135.07
[1876]	train-rmse:0.404022	eval-rmse:0.475313	train-mae:958.27	eval-mae:1135.07
[1877]	train-rmse:0.404006	eval-rmse:0.475314	train-mae:958.232	eval-mae:1135.08
[1878]	train-rmse:0.403986	eval-rmse:0.475312	train-mae:958.171	eval-mae:1135.07
[1879]	train-rmse:0.403942	eval-rmse:0.475314	train-mae:958.064	eval-mae:1135.07
[1880]	train-rmse:0.403928	eval-rmse:0.475311	train-mae:958.024	eval-mae:1135.06
[1881]	train-rmse:0.403897	eval-rmse:0.475309	train-mae:957.96	eval-mae:1135.06
[1882]	train-rmse:0.403879	eval-rmse:0.475311	train-mae:957.915	eval-mae:1135.07
[1883]	train-rmse:0.403872	eval-rmse:0.475311	train-mae:957.9	eval-mae:1135.07
[1884]	train-rmse:0.403853	eval-rmse:0.47531	train-mae:957.852	eval-mae:1135.06
[1885]	train-rmse:0.403834	eval-rmse:0.475313	train-mae:957.802	eval-mae:1135.06
[1886]	train-rmse:0.403819	eval-rmse:0.475313	train-mae:957.767	eval-mae:1135.06
[1887]	train-rmse:0.403806	eval-rmse:0.475311	train-mae:957.735	eval-mae:1135.06
[1888]	train-rmse:0.403791	eval-rmse:0.475311	train-mae:957.698	eval-mae:1135.05
[1889]	train-rmse:0.403782	eval-rmse:0.47531	train-mae:957.674	eval-mae:1135.06
[1890]	train-rmse:0.403774	eval-rmse:0.47531	train-mae:957.653	eval-mae:1135.05
[1891]	train-rmse:0.403765	eval-rmse:0.47531	train-mae:957.622	eval-mae:1135.06
[1892]	train-rmse:0.403746	eval-rmse:0.475312	train-mae:957.565	eval-mae:1135.06
[1893]	train-rmse:0.403735	eval-rmse:0.475311	train-mae:957.535	eval-mae:1135.05

[1894] train-rmse:0.403719 eval-rmse:0.475313 train-mae:957.498 eval-mae:1135.05  
[1895] train-rmse:0.4037 eval-rmse:0.475311 train-mae:957.451 eval-mae:1135.05  
[1896] train-rmse:0.403678 eval-rmse:0.475308 train-mae:957.394 eval-mae:1135.04  
[1897] train-rmse:0.403663 eval-rmse:0.475308 train-mae:957.363 eval-mae:1135.04  
[1898] train-rmse:0.403646 eval-rmse:0.475307 train-mae:957.318 eval-mae:1135.05  
[1899] train-rmse:0.403625 eval-rmse:0.475309 train-mae:957.255 eval-mae:1135.05  
[1900] train-rmse:0.403608 eval-rmse:0.475306 train-mae:957.213 eval-mae:1135.04  
[1901] train-rmse:0.403594 eval-rmse:0.475306 train-mae:957.183 eval-mae:1135.04  
[1902] train-rmse:0.403572 eval-rmse:0.475309 train-mae:957.137 eval-mae:1135.05  
[1903] train-rmse:0.403555 eval-rmse:0.475306 train-mae:957.085 eval-mae:1135.04  
[1904] train-rmse:0.403548 eval-rmse:0.475306 train-mae:957.064 eval-mae:1135.04  
[1905] train-rmse:0.403542 eval-rmse:0.475307 train-mae:957.039 eval-mae:1135.04  
[1906] train-rmse:0.403532 eval-rmse:0.475307 train-mae:957.012 eval-mae:1135.04  
[1907] train-rmse:0.403511 eval-rmse:0.475308 train-mae:956.957 eval-mae:1135.04  
[1908] train-rmse:0.403497 eval-rmse:0.475309 train-mae:956.924 eval-mae:1135.05  
[1909] train-rmse:0.403485 eval-rmse:0.47531 train-mae:956.888 eval-mae:1135.05  
[1910] train-rmse:0.40347 eval-rmse:0.475308 train-mae:956.855 eval-mae:1135.04  
[1911] train-rmse:0.403455 eval-rmse:0.475307 train-mae:956.823 eval-mae:1135.03  
[1912] train-rmse:0.403438 eval-rmse:0.47531 train-mae:956.785 eval-mae:1135.04  
[1913] train-rmse:0.40342 eval-rmse:0.475309 train-mae:956.735 eval-mae:1135.03  
[1914] train-rmse:0.403401 eval-rmse:0.475309 train-mae:956.68 eval-mae:1135.03  
[1915] train-rmse:0.403373 eval-rmse:0.475306 train-mae:956.593 eval-mae:1135.02  
[1916] train-rmse:0.403358 eval-rmse:0.475307 train-mae:956.55 eval-mae:1135.03  
[1917] train-rmse:0.403345 eval-rmse:0.475305 train-mae:956.517 eval-mae:1135.03  
[1918] train-rmse:0.403323 eval-rmse:0.475306 train-mae:956.474 eval-mae:1135.03  
[1919] train-rmse:0.403308 eval-rmse:0.475306 train-mae:956.433 eval-mae:1135.03  
[1920] train-rmse:0.403301 eval-rmse:0.475306 train-mae:956.417 eval-mae:1135.02  
[1921] train-rmse:0.403291 eval-rmse:0.475305 train-mae:956.383 eval-mae:1135.02  
[1922] train-rmse:0.403282 eval-rmse:0.475304 train-mae:956.364 eval-mae:1135.02  
[1923] train-rmse:0.403261 eval-rmse:0.475305 train-mae:956.306 eval-mae:1135.02  
[1924] train-rmse:0.403247 eval-rmse:0.475305 train-mae:956.264 eval-mae:1135.02  
[1925] train-rmse:0.403233 eval-rmse:0.475305 train-mae:956.228 eval-mae:1135.01  
[1926] train-rmse:0.403223 eval-rmse:0.475307 train-mae:956.197 eval-mae:1135.02  
[1927] train-rmse:0.403202 eval-rmse:0.475308 train-mae:956.142 eval-mae:1135.02  
[1928] train-rmse:0.403187 eval-rmse:0.475306 train-mae:956.095 eval-mae:1135.01  
[1929] train-rmse:0.403181 eval-rmse:0.475306 train-mae:956.077 eval-mae:1135.01  
[1930] train-rmse:0.403167 eval-rmse:0.475307 train-mae:956.045 eval-mae:1135.02  
[1931] train-rmse:0.403158 eval-rmse:0.475308 train-mae:956.023 eval-mae:1135.02  
[1932] train-rmse:0.403139 eval-rmse:0.475308 train-mae:955.976 eval-mae:1135.02  
[1933] train-rmse:0.403129 eval-rmse:0.47531 train-mae:955.951 eval-mae:1135.03  
[1934] train-rmse:0.403119 eval-rmse:0.47531 train-mae:955.922 eval-mae:1135.03  
[1935] train-rmse:0.403103 eval-rmse:0.47531 train-mae:955.881 eval-mae:1135.02  
[1936] train-rmse:0.403099 eval-rmse:0.475309 train-mae:955.863 eval-mae:1135.02  
[1937] train-rmse:0.403072 eval-rmse:0.475308 train-mae:955.802 eval-mae:1135.02  
[1938] train-rmse:0.403054 eval-rmse:0.475309 train-mae:955.746 eval-mae:1135.02  
[1939] train-rmse:0.403044 eval-rmse:0.47531 train-mae:955.715 eval-mae:1135.02  
[1940] train-rmse:0.40303 eval-rmse:0.47531 train-mae:955.683 eval-mae:1135.02  
[1941] train-rmse:0.403023 eval-rmse:0.475311 train-mae:955.667 eval-mae:1135.02  
[1942] train-rmse:0.403011 eval-rmse:0.47531 train-mae:955.634 eval-mae:1135.02  
[1943] train-rmse:0.402991 eval-rmse:0.475312 train-mae:955.579 eval-mae:1135.01  
[1944] train-rmse:0.402986 eval-rmse:0.475311 train-mae:955.569 eval-mae:1135.02  
[1945] train-rmse:0.402977 eval-rmse:0.475312 train-mae:955.54 eval-mae:1135.01  
[1946] train-rmse:0.402966 eval-rmse:0.475313 train-mae:955.519 eval-mae:1135.01  
[1947] train-rmse:0.402946 eval-rmse:0.475309 train-mae:955.468 eval-mae:1135.01  
[1948] train-rmse:0.402922 eval-rmse:0.475308 train-mae:955.406 eval-mae:1135  
[1949] train-rmse:0.402904 eval-rmse:0.475307 train-mae:955.361 eval-mae:1135  
[1950] train-rmse:0.402893 eval-rmse:0.475306 train-mae:955.337 eval-mae:1135.01  
[1951] train-rmse:0.402885 eval-rmse:0.475305 train-mae:955.325 eval-mae:1135.01  
[1952] train-rmse:0.402859 eval-rmse:0.475304 train-mae:955.266 eval-mae:1135.01  
[1953] train-rmse:0.402832 eval-rmse:0.475303 train-mae:955.196 eval-mae:1135.01  
[1954] train-rmse:0.402823 eval-rmse:0.475304 train-mae:955.172 eval-mae:1135.01  
[1955] train-rmse:0.402811 eval-rmse:0.475305 train-mae:955.142 eval-mae:1135.01  
[1956] train-rmse:0.402785 eval-rmse:0.475303 train-mae:955.075 eval-mae:1135  
[1957] train-rmse:0.402777 eval-rmse:0.475304 train-mae:955.049 eval-mae:1135  
[1958] train-rmse:0.402759 eval-rmse:0.475303 train-mae:955.007 eval-mae:1135  
[1959] train-rmse:0.402733 eval-rmse:0.475304 train-mae:954.94 eval-mae:1135.01  
[1960] train-rmse:0.402726 eval-rmse:0.475305 train-mae:954.915 eval-mae:1135.01  
[1961] train-rmse:0.402717 eval-rmse:0.475305 train-mae:954.891 eval-mae:1135  
[1962] train-rmse:0.40268 eval-rmse:0.475302 train-mae:954.802 eval-mae:1135  
[1963] train-rmse:0.402665 eval-rmse:0.475304 train-mae:954.768 eval-mae:1135  
[1964] train-rmse:0.402645 eval-rmse:0.475302 train-mae:954.728 eval-mae:1135  
[1965] train-rmse:0.40264 eval-rmse:0.475301 train-mae:954.715 eval-mae:1135

```
[1966] train-rmse:0.402625 eval-rmse:0.475303 train-mae:954.679 eval-mae:1134.99
[1967] train-rmse:0.402603 eval-rmse:0.475304 train-mae:954.623 eval-mae:1134.99
[1968] train-rmse:0.402598 eval-rmse:0.475303 train-mae:954.606 eval-mae:1134.98
[1969] train-rmse:0.402591 eval-rmse:0.4753 train-mae:954.593 eval-mae:1134.98
[1970] train-rmse:0.402565 eval-rmse:0.475298 train-mae:954.53 eval-mae:1134.97
[1971] train-rmse:0.402552 eval-rmse:0.475298 train-mae:954.49 eval-mae:1134.97
[1972] train-rmse:0.402539 eval-rmse:0.475299 train-mae:954.458 eval-mae:1134.97
[1973] train-rmse:0.402537 eval-rmse:0.475298 train-mae:954.451 eval-mae:1134.97
[1974] train-rmse:0.402509 eval-rmse:0.475297 train-mae:954.391 eval-mae:1134.97
[1975] train-rmse:0.402495 eval-rmse:0.475298 train-mae:954.358 eval-mae:1134.97
[1976] train-rmse:0.402463 eval-rmse:0.475297 train-mae:954.284 eval-mae:1134.96
[1977] train-rmse:0.402457 eval-rmse:0.475298 train-mae:954.275 eval-mae:1134.96
[1978] train-rmse:0.402435 eval-rmse:0.475297 train-mae:954.226 eval-mae:1134.96
[1979] train-rmse:0.40243 eval-rmse:0.475297 train-mae:954.213 eval-mae:1134.96
[1980] train-rmse:0.402418 eval-rmse:0.475297 train-mae:954.187 eval-mae:1134.96
[1981] train-rmse:0.402401 eval-rmse:0.475297 train-mae:954.145 eval-mae:1134.96
[1982] train-rmse:0.402387 eval-rmse:0.475297 train-mae:954.107 eval-mae:1134.96
[1983] train-rmse:0.402374 eval-rmse:0.475296 train-mae:954.071 eval-mae:1134.95
[1984] train-rmse:0.402347 eval-rmse:0.475295 train-mae:954.004 eval-mae:1134.95
[1985] train-rmse:0.402338 eval-rmse:0.475294 train-mae:953.976 eval-mae:1134.94
[1986] train-rmse:0.40233 eval-rmse:0.475293 train-mae:953.959 eval-mae:1134.94
[1987] train-rmse:0.40232 eval-rmse:0.475293 train-mae:953.929 eval-mae:1134.93
[1988] train-rmse:0.402309 eval-rmse:0.475292 train-mae:953.898 eval-mae:1134.93
[1989] train-rmse:0.402285 eval-rmse:0.475294 train-mae:953.846 eval-mae:1134.94
[1990] train-rmse:0.402274 eval-rmse:0.475296 train-mae:953.817 eval-mae:1134.94
[1991] train-rmse:0.402266 eval-rmse:0.475296 train-mae:953.792 eval-mae:1134.95
[1992] train-rmse:0.402257 eval-rmse:0.475298 train-mae:953.769 eval-mae:1134.95
[1993] train-rmse:0.40225 eval-rmse:0.475296 train-mae:953.745 eval-mae:1134.94
[1994] train-rmse:0.402239 eval-rmse:0.475296 train-mae:953.716 eval-mae:1134.95
[1995] train-rmse:0.402217 eval-rmse:0.475299 train-mae:953.665 eval-mae:1134.95
[1996] train-rmse:0.402191 eval-rmse:0.475297 train-mae:953.605 eval-mae:1134.94
[1997] train-rmse:0.40218 eval-rmse:0.475297 train-mae:953.58 eval-mae:1134.94
[1998] train-rmse:0.402165 eval-rmse:0.475297 train-mae:953.542 eval-mae:1134.94
[1999] train-rmse:0.402153 eval-rmse:0.475296 train-mae:953.516 eval-mae:1134.94
time: 50min 17s
```

In [ ]:

```
import pickle
filename = 'finalized_model.sav'
pickle.dump(model, open(filename, 'wb'))
```

time: 474 ms

In [ ]:

```
from google.colab import files
uploaded = files.upload()
```

Choose File

No file selected

Upload widget is only available when the cell has been executed in the current browser session. Please rerun this cell to enable.

Saving 261.PNG to 261.PNG  
Saving 3045.PNG to 3045.PNG  
Saving best\_score.PNG to best\_score.PNG

In [ ]:

```
from IPython.display import Image
Image(filename='best_score.PNG')
```

Out [ ]:

Your most recent submission

Name	Submitted	Wait time	Execution time	Score
score.csv	just now	0 seconds	1 seconds	1115.11669

Complete

[Jump to your position on the leaderboard](#) ▾

```
>_ kaggle competitions submit -c allstate-claims-severity -f submission.csv -m "Message"
```



Make a submission for [Satishkumar Moparthi](#)

In [ ]:

```
Image(filename='3045.PNG')
```

Out [ ]:

Overview	Data	Notebooks	Discussion	Leaderboard	Rules	Team	My Submissions	Late Submission
45	▲ 14	poteman					1112.701... 82 4y	
46	▲ 25	datajanitor					1112.739... 54 4y	
47	▲ 18	Tilii					1112.743... 218 4y	
48	▼ 6	PaulTodo					1112.824... 168 4y	
49	▲ 39	Li Li					1112.826... 50 4y	
50	▲ 13	Kele Xu					1112.833... 136 4y	
51	3045							
+ Load 2995 More ↻								

In [ ]:

```
Image(filename='261.PNG')
```

Out [ ]:

259	▼ 49	Hyun Ook Ryu		1115.074... 26 4y
260	▲ 15	skyfish		1115.112... 19 4y
261	▲ 108	dott		1115.123... 17 4y
262	▲ 11	Marcus Luck		1115.124... 16 4y

In [ ]:

```
Total_entries = 3045
Best_score_position = 261
my_percentage = (Best_score_position/Total_entries)*100
print(my_percentage)
```

8.571428571428571