

机器学习工程师纳米学位毕业项目

预测 *Rossmann* 未来销量项目

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1 定义

1.1 项目背景

Rossmann 公司在 7 个欧洲国家拥有超过 3000 家药店。Rossmann 的经理的任务是提前六周预测药店的日常销售金额。药店销售额会受到包括促销、竞赛、学校和州的节假日，季节以及所在地址等等因素的影响。Rossmann 的经理目前已经根据实际情况，用个人的方式进行了种种预测，由于预测方式的不同，实际准确性上有较大的区别。

为此，Rossmann 公司举行了预测日常销售金额的竞赛项目。作为竞赛参与者，需要对在德国的 1115 家药店预测 6 周日常销售额。准确率高且可靠的销售预测模型可以为 Rossmann 公司各个药店的经理创建更加有效的员工日程安排，从而提高员工的劳动力与工作积极性。同时，为 Rossmann 建立预测模型，也可以帮助各位药店经理将重点和焦点放在如何提高客户满意度以及优化团队建设这些更加重要的方面上。

为解决此问题，需要先对历史销售数据进行探索性数据分析(EDA)，处理异常值，发现潜在结构;提取合适的特征，建立预测模型;对模型进行训练，获得模型较优参数，提高预测准确性。

1.2 问题陈述

为 Rossmann 公司的 1115 家德国药店建立预测未来 6 周的销售的模型。该任务是一个回归预测类问题，即根据现有的历史数据:各药店历史日期中的销售、药店规模、促销方案、假期安排等等数据，进行特征分析以及预测目标分析。从历史数据合理划分训练集和验证集，使用试 GBDT 类模型，例如 xgboost、lightgbm 等模型预测未来 6 周的销售情况。

1.3 评估指标

采用 RMSPE 评估，数学表达式为:

$$\text{RMSPE} = \sqrt{\frac{1}{n} \sum_{i=1}^n \left(\frac{y_i - \hat{y}_i}{y_i} \right)^2},$$

注释:

y_i :在某日期某个 store 的实际销售;

\hat{y}_i :经模型预测在某日期某个 store 的实际销售。

2 分析

2.1 数据集和输入

- 文档

train.csv - 包含销售的历史数据

test.csv - 无销售的历史数据，用于输入模型后得出预测值，与实际销售比较计算准确率

sample_submission.csv - 正确提交的数据格式

store.csv - 关于商店的补充信息(包含商店规模、促销方案与时间等信息)

- 文档字段说明

Id - 每个日期的每个药店的识别序号

Store - 每个药店的唯一序号

Sales - 每个已知日期的药店的周转(turnover) (目标预测值)

Customers - 已知日期的客户量

Open - 药店是否营业的标示符: 0 = 不营业, 1 = 营业

StateHoliday - 表示州假日。通常情况下，除了少数例外，所有商店都会在州假期关闭。所有的学校在公共假日和周末都是 close 的。 a =

public holiday, b =Easter holiday, c = Christmas, 0 = None SchoolHoliday - 表明(商店，日期)是否受到公立学校关闭的影响

StoreType - 区分 4 种不同的商店规模: a, b, c, d

Assortment - 描述了一个分类级别: a = basic, b = extra, c = extended

CompetitionDistance - 距离最近的竞争对手商店的距离

CompetitionOpenSince[Month/Year] - 距离最近的竞争对手开业的时间(月/年)

Promo - 表示当天该药店是否在进行促销活动

Promo2 - 表示一些药店持续的促销活动: 0 = 药店未参与, 1 = 药店正在参与

Promo2Since[Year/Week] - 描述商店开始参与持续促销活动的年份和日历周

PromoInterval - 描述持续促销活动, 启动的连续间隔, 以促销月份命名 E.g.

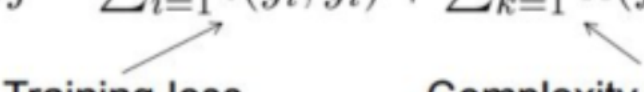
"Feb,May,Aug,Nov" means each round starts in February, May, August, November of any given year for that store

2.2 基准模型

准备使用回归模型:XGBoost 模型.

Xgboost的目标函数如下, 它的loss有两部分构成, 前者优化经验误差, 后者控制泛化误差。

$$Obj = \sum_{i=1}^n l(y_i, \hat{y}_i) + \sum_{k=1}^K \Omega(f_k)$$


Training loss Complexity of the Trees

相较于传统的GBDT, Xgboost正则更加细化, 包括传统L2正则以及叶子数目的正则项:

$$\Omega(f_t) = \underbrace{\gamma T}_{\text{Number of leaves}} + \underbrace{\frac{1}{2} \lambda \sum_{j=1}^T w_j^2}_{\text{L2 norm of leaf scores}}$$

XGBoost 模型的优势:

- 在寻找最佳分割点时，考虑传统的枚举每个特征的所有可能分割点的贪心法效率太低，xgboost实现了一种近似的算法。大致的思想是根据百分位法列举几个可能成为分割点的候选者，然后从候选者中根据上面求分割点的公式计算找出最佳的分割点。
- xgboost考虑了训练数据为稀疏值的情况，可以为缺失值或者指定的值指定分支的默认方向，这能大大提升算法的效率，paper提到50倍。
- 特征列排序后以块的形式存储在内存中，在迭代中可以重复使用；虽然boosting算法迭代必须串行，但是在处理每个特征列时可以做到并行。
- 按照特征列方式存储能优化寻找最佳的分割点，但是当以行计算梯度数据时会导致内存的不连续访问，严重时会导致cache miss，降低算法效率。paper中提到，可先将数据收集到线程内部的buffer，然后再计算，提高算法的效率。
- xgboost 还考虑了当数据量比较大，内存不够时怎么有效的使用磁盘，主要是结合多线程、数据压缩、分片的方法，尽可能的提高算法的效率。

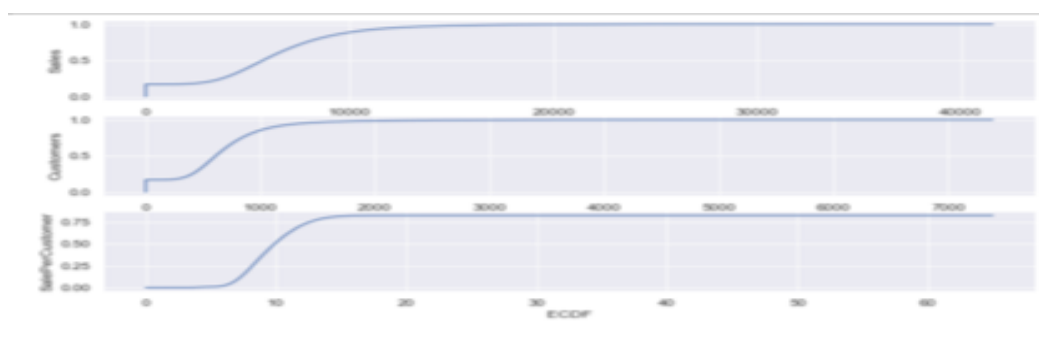
参数设定: `params = {"objective": "reg:linear", "booster": "gbtree", "eta": 0.04, "max_depth": 10, "subsample": 0.9, "colsample_bytree": 0.7, "silent": 1, "seed": 13 }`

用 XGBoost 模型递归地构建二叉决策树的过程，基于训练数据集生成决策树，使用最小二乘偏差(LSD)或最小绝对偏差(LAD)来获取最优分裂属性;用验证数据集对已生成的树进行剪枝并选择最优子树，这时损失函数最小 作为剪枝的标准。

任何销量为 0 的预测在评价中都会被忽略。

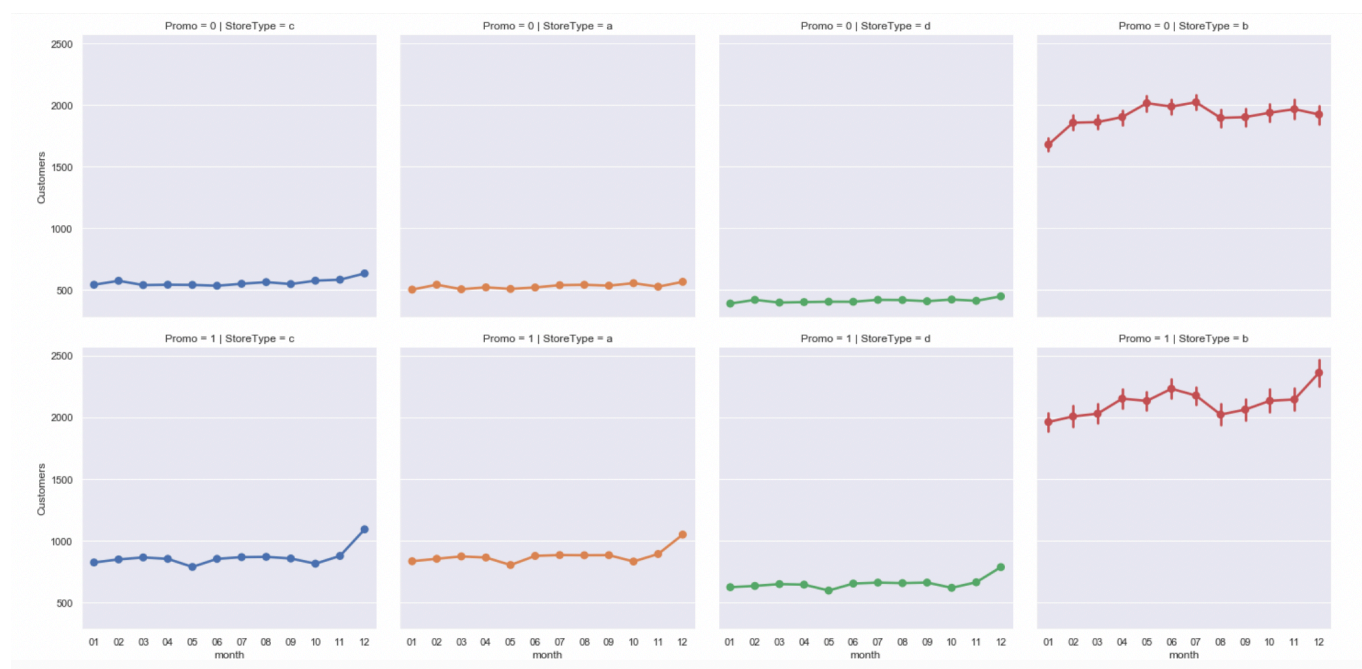
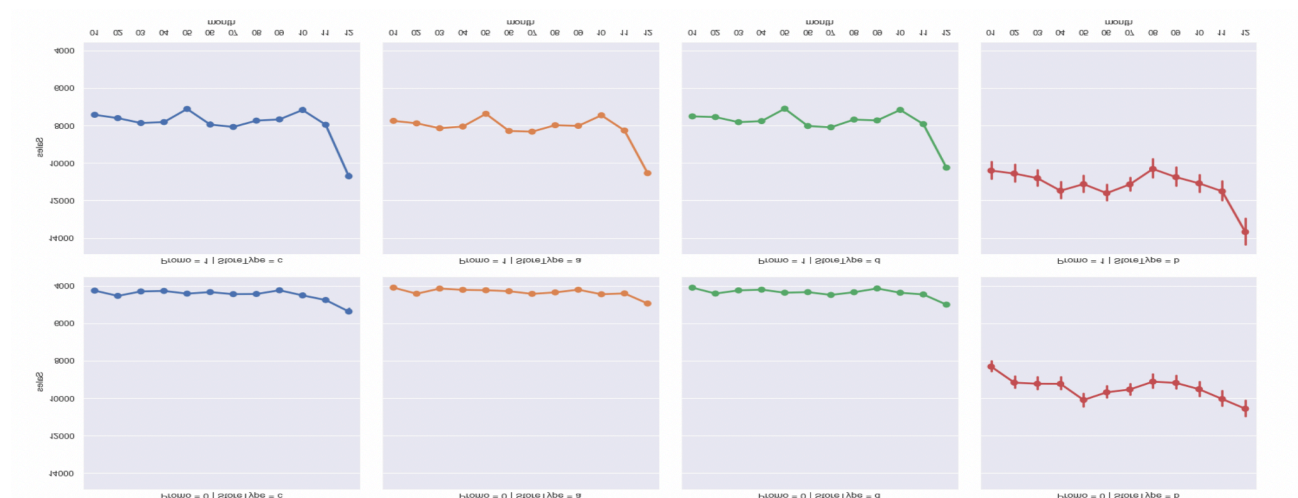
2.3 可视化分析

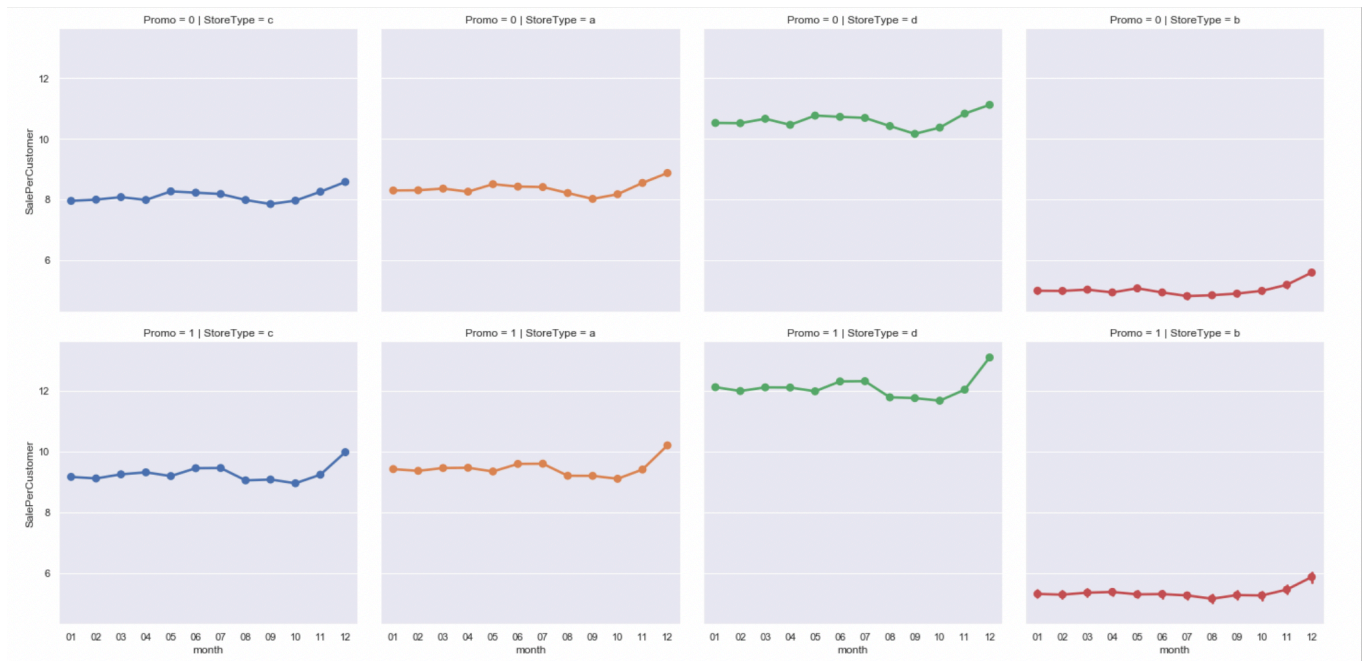
1. 关键数据的 ECDF 分析(Sales/Customers/SalePerCustomer)



训练集(train.csv)当中有约 28%的数据没有 Sales 和 Customers 记录，主要原因是 store 未营业，极少数是由于极端情况导致在营业情况下无营业额。

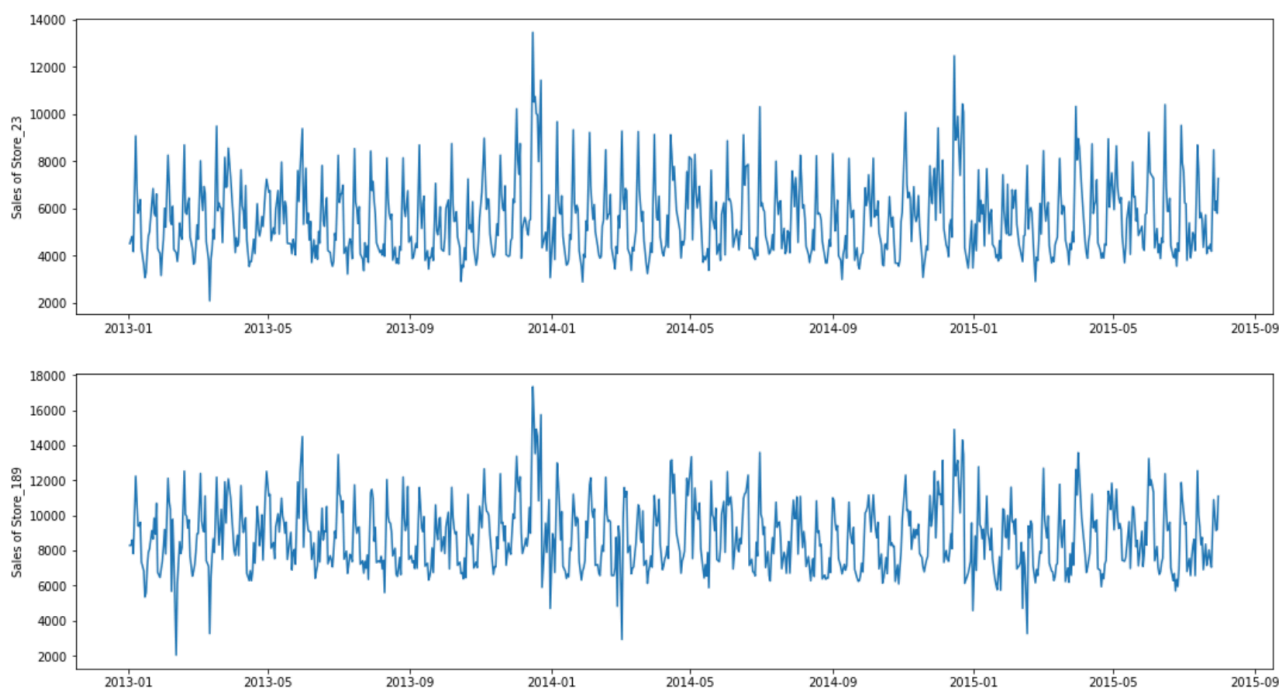
2. 关键数据逐月分析





根据 Sales/Customers 的变化，可合理推测，store 的销售与 StoreType 有直接关系，且虽然 StoreType 为 b 的 store 的客户量和销售额高于其他类型的 store，但是人均销售却是最低的，推测 b store 主要销售小类多量商品；4 类 store 的销量在月份上基本呈现相同的波动趋势，推测实际销量与月份有较大的联系。

3. 随机 store 的销售趋势（选择 store_23 与 store_189）：



简览随机两个store的销售趋势，在2013年-2015年的三年间的波动趋势基本保持一致，而且明显在12月圣诞节附近有较大的增加，推测销售与节假日有较大关系。

3 解决方案

3.1 数据特征处理

1."Open"为空赋值为1，默认所有无Open状态的Store均为营业状态;

2.train.csv训练集当中只看open为1且sales>0的子集记录;

- 3.合并store.csv和train.csv&test.csv,在训练集和预测集上增加store状态明细，扩张特征;
- 4.所有空值填0;
- 5.对分类向量'StoreType','Assortment','StateHoliday'中将0abcd转换成数值 01234;
- 6.从日期中抽出Year,Month,Day,DOW(DayofWeek),WOY(Week of Year);
7. 创建竞争对手开店月数，优惠月数，每条记录的所处月份是否是优惠月，作为新的特征向量。

```
def data_EDA(data):
    data[['year', 'month', 'day']] = data.Date.str.split('-', expand=True).apply(pd.to_numeric)
    data['WeekofYear'] = pd.to_datetime(data['Date']).dt.weekofyear

    data['CompetitionOpen'] = 12 * (data.year - data.CompetitionOpenSinceYear) + (data.month - data.CompetitionOpenSinceMonth)
    data['CompetitionOpen'] = data['CompetitionOpen'].apply(lambda x: x if x > 0 else 0)

    data['Promo2Open'] = 12 * (data.year - data.Promo2SinceYear) + (data.WeekofYear - data.Promo2SinceWeek) / 4.0
    data['Promo2Open'] = data['Promo2Open'].apply(lambda x: x if x > 0 else 0)

    month2str = {1: 'Jan', 2: 'Feb', 3: 'Mar', 4: 'Apr', 5: 'May', 6: 'Jun',
                  7: 'Jul', 8: 'Aug', 9: 'Sept', 10: 'Oct', 11: 'Nov', 12: 'Dec'}
    trans = {'0': 0, 'a': 1, 'b': 2, 'c': 3, 'd': 4}

    data['monthStr'] = data.month.map(month2str)

    #data['StoreType'] = data.StoreType.map(trans)
    #data['Assortment'] = data.Assortment.map(trans)
    #data['StateHoliday'] = data.StateHoliday.map(trans)
    data = data.join(pd.get_dummies(data[['Assortment', 'StoreType', 'StateHoliday']]))

    data.fillna(0, inplace=True)
    data.loc[data.PromoInterval == 0, 'PromoInterval'] = ''
    data['IsPromoMonth'] = 0
    for item in data.PromoInterval.unique():
        if item != '':
            for month in item.split(','):
                data.loc[(data.monthStr == month) & (data.PromoInterval == item), 'IsPromoMonth'] = 1
    return data
```

3.1 建立模型

1.选择模型 XGBoost 模型

2.参数设定: `params = {"objective": "reg:linear", "booster" : "gbtree", "eta": 0.04, "max_depth": 10, "subsample": 0.9, "colsample_bytree": 0.7,"silent": 1, "seed": 13 }`

3. 拆分训练集，取其中1.2%数据作为验证集，验证模型预测准确率情况

4. 用训练完成的模型预测测试集，获得预测值。

4 结果

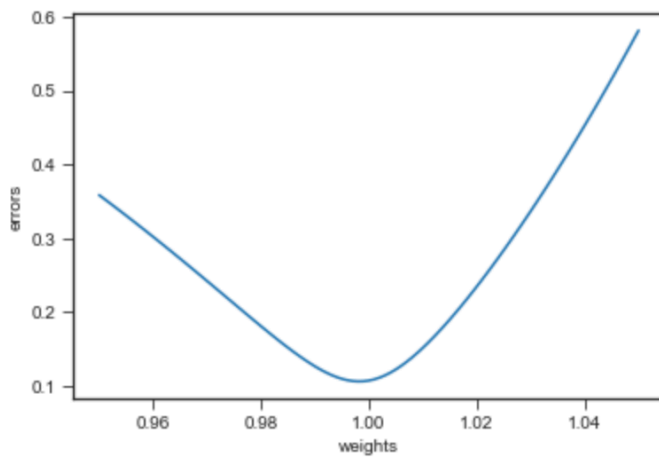
4.1 验证集误差

验证集选择:

按日期排序后，选择距离测试集最近的 1.2%的训练数据作为验证集数据进行模型验证。

```
1 [61]: select_weights()
```

the min error weight is: 0.998,and the error is 0.10636211308414344



占0.012的验证集在模型训练后的考虑到误差权重，最终error=0.106

4.2 模型训练收敛

具体收敛loss请见附录，实际收敛次数为2500次。

4.3 测试集误差

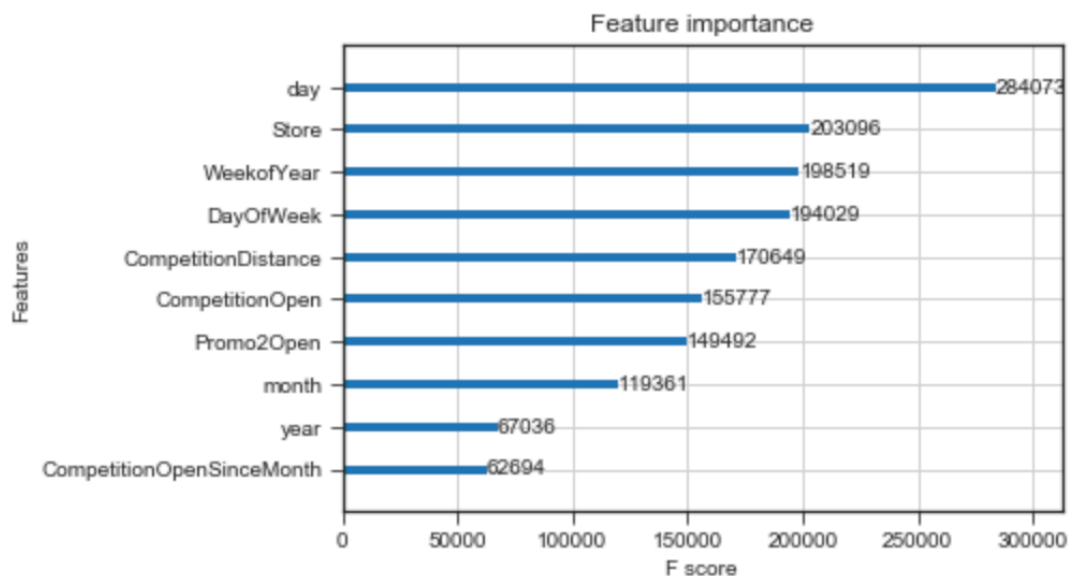
如下，原 Rossmann_Sales 项目总参赛人数为 3303 名，以 Private Score 为 0.11726 占当时比赛的 290 名，即前 8.7%。

| All Successful Selected | | | | | | |
|---|-------|------------|---------------|--------------|--------------------------|----|
| Submission and Description | | | Private Score | Public Score | Use for Final Score | |
| sub_df15.csv 8 minutes ago by Juni Yao add submission details | | | 0.11726 | 0.10724 | <input type="checkbox"/> | |
| 289 | ▼ 118 | AA2015 | | 0.11724 | 9 | 3y |
| 290 | ▼ 49 | ManOfStats | | 0.11726 | 126 | 3y |

4.4 特征重要性分析

从模型训练的特征重要性分析：

- 对销售影响最大的是所在日期，store 等因素；
- 与竞争者的距离以及竞争者开业时间也有很大的关系，所以在专注销售的时候，更加要关注对手的情况，知己知彼，才能百战百胜；
- 是否有促销活动对销售也有相应的影响，但是较上面的影响因素而言，其影响效果反而比较小。店铺促销需要适当。



5 参考文献与链接:

1. 模型建立: <https://www.jianshu.com/p/7467e616f227>
2. 数据可视化与处理: <https://www.kaggle.com/elenapetrova/time-series-analysis-and-forecasts-with-prophet>

3. 数据模型分析: <https://www.kaggle.com/danspace/rossmann-store-sales-xgboost/notebook>

6 附录

```
[0]      train-rmse:7.9381      eval-rmse:7.98486      train-rmspe:0.999777  eval
-rmspe:0.999788
```

Multiple eval metrics have been passed: 'eval-rmspe' will be used for early stopping.

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

```
[1]      train-rmse:7.62132      eval-rmse:7.66858      train-rmspe:0.999631  eval
-rmspe:0.999649
[2]      train-rmse:7.31711      eval-rmse:7.36234      train-rmspe:0.99944   eval
-rmspe:0.999466
[3]      train-rmse:7.02509      eval-rmse:7.06952      train-rmspe:0.999193  eval
-rmspe:0.999231
[4]      train-rmse:6.74472      eval-rmse:6.7878      train-rmspe:0.99888   eval
-rmspe:0.998931
[5]      train-rmse:6.4756      eval-rmse:6.51712      train-rmspe:0.998484  eval
-rmspe:0.998552
[6]      train-rmse:6.21726      eval-rmse:6.25631      train-rmspe:0.997991  eval
-rmspe:0.998076
[7]      train-rmse:5.96929      eval-rmse:6.00592      train-rmspe:0.997383  eval
-rmspe:0.997487
[8]      train-rmse:5.73127      eval-rmse:5.76572      train-rmspe:0.996638  eval
-rmspe:0.996766
[9]      train-rmse:5.50282      eval-rmse:5.53608      train-rmspe:0.995738  eval
-rmspe:0.995895
[10]     train-rmse:5.28354      eval-rmse:5.31556      train-rmspe:0.994656  eval
-rmspe:0.994846
[11]     train-rmse:5.07303      eval-rmse:5.10317      train-rmspe:0.993373  eval
-rmspe:0.993597
[12]     train-rmse:4.87092      eval-rmse:4.89965      train-rmspe:0.991863  eval
-rmspe:0.992127
[13]     train-rmse:4.67701      eval-rmse:4.70387      train-rmspe:0.990094  eval
-rmspe:0.990397
[14]     train-rmse:4.49078      eval-rmse:4.51609      train-rmspe:0.988047  eval
-rmspe:0.988394
[15]     train-rmse:4.31206      eval-rmse:4.33545      train-rmspe:0.985691  eval
-rmspe:0.986079
[16]     train-rmse:4.14051      eval-rmse:4.16232      train-rmspe:0.983     eval
-rmspe:0.983434
[17]     train-rmse:3.97592      eval-rmse:3.99707      train-rmspe:0.979941  eval
-rmspe:0.980439
```

| | | | | |
|------|---------------------------------------|-------------------|----------------------|------|
| [18] | train-rmse:3.81795 -rmspe:0.977045 | eval-rmse:3.83785 | train-rmspe:0.976495 | eval |
| [19] | train-rmse:3.66624 -rmspe:0.973261 | eval-rmse:3.68529 | train-rmspe:0.972645 | eval |
| [20] | train-rmse:3.52056 -rmspe:0.96906 | eval-rmse:3.53891 | train-rmspe:0.968371 | eval |
| [21] | train-rmse:3.3808 -rmspe:0.964429 | eval-rmse:3.39924 | train-rmspe:0.963638 | eval |
| [22] | train-rmse:3.24674 -rmspe:0.95931 | eval-rmse:3.2648 | train-rmspe:0.958421 | eval |
| [23] | train-rmse:3.11799 -rmspe:0.953694 | eval-rmse:3.13517 | train-rmspe:0.95273 | eval |
| [24] | train-rmse:2.99446 -rmspe:0.947559 | eval-rmse:3.01069 | train-rmspe:0.94654 | eval |
| [25] | train-rmse:2.87591 -rmspe:0.94088 | eval-rmse:2.89068 | train-rmspe:0.939834 | eval |
| [26] | train-rmse:2.76216 -rmspe:0.933746 | eval-rmse:2.77642 | train-rmspe:0.932614 | eval |
| [27] | train-rmse:2.65295 -rmspe:0.926076 | eval-rmse:2.66631 | train-rmspe:0.924886 | eval |
| [28] | train-rmse:2.54819 -rmspe:0.917858 | eval-rmse:2.5606 | train-rmspe:0.916629 | eval |
| [29] | train-rmse:2.44765 -rmspe:0.909123 | eval-rmse:2.45925 | train-rmspe:0.907871 | eval |
| [30] | train-rmse:2.35113 -rmspe:0.899934 | eval-rmse:2.36235 | train-rmspe:0.89861 | eval |
| [31] | train-rmse:2.25858 -rmspe:0.890174 | eval-rmse:2.26891 | train-rmspe:0.888838 | eval |
| [32] | train-rmse:2.16982 -rmspe:0.879957 | eval-rmse:2.17979 | train-rmspe:0.878569 | eval |
| [33] | train-rmse:2.0845 -rmspe:0.869292 | eval-rmse:2.09393 | train-rmspe:0.867877 | eval |
| [34] | train-rmse:2.00277 -rmspe:0.858052 | eval-rmse:2.01132 | train-rmspe:0.856704 | eval |
| [35] | train-rmse:1.92427 -rmspe:0.846459 | eval-rmse:1.93223 | train-rmspe:0.845124 | eval |
| [36] | train-rmse:1.84911 -rmspe:0.834461 | eval-rmse:1.85685 | train-rmspe:0.833108 | eval |
| [37] | train-rmse:1.77687 -rmspe:0.822135 | eval-rmse:1.78446 | train-rmspe:0.82075 | eval |
| [38] | train-rmse:1.7077 -rmspe:0.80935 | eval-rmse:1.71483 | train-rmspe:0.808017 | eval |
| [39] | train-rmse:1.64129 -rmspe:0.79631 | eval-rmse:1.64813 | train-rmspe:0.79499 | eval |

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| [40] | train-rmse:1.57767 -rmspe:0.782867 | eval-rmse:1.58395 | train-rmspe:0.781656 | eval |
| [41] | train-rmse:1.51657 -rmspe:0.769221 | eval-rmse:1.52244 | train-rmspe:0.76809 | eval |
| [42] | train-rmse:1.45772 -rmspe:0.755427 | eval-rmse:1.46333 | train-rmspe:0.754367 | eval |
| [43] | train-rmse:1.40161 -rmspe:0.741302 | eval-rmse:1.40687 | train-rmspe:0.740376 | eval |
| [44] | train-rmse:1.3476 -rmspe:0.727139 | eval-rmse:1.35281 | train-rmspe:0.726277 | eval |
| [45] | train-rmse:1.29585 -rmspe:0.712891 | eval-rmse:1.30123 | train-rmspe:0.712046 | eval |
| [46] | train-rmse:1.24641 -rmspe:0.698175 | eval-rmse:1.25089 | train-rmspe:0.697697 | eval |
| [47] | train-rmse:1.19888 -rmspe:0.683709 | eval-rmse:1.20342 | train-rmspe:0.683299 | eval |
| [48] | train-rmse:1.15337 -rmspe:0.66917 | eval-rmse:1.15782 | train-rmspe:0.668891 | eval |
| [49] | train-rmse:1.10949 -rmspe:0.6546 | eval-rmse:1.11362 | train-rmspe:0.654521 | eval |
| [50] | train-rmse:1.06783 -rmspe:0.63997 | eval-rmse:1.07175 | train-rmspe:0.640125 | eval |
| [51] | train-rmse:1.02769 -rmspe:0.62522 | eval-rmse:1.03076 | train-rmspe:0.625846 | eval |
| [52] | train-rmse:0.989344 -rmspe:0.610677 | eval-rmse:0.99208 | train-rmspe:0.611644 | eval |
| [53] | train-rmse:0.95263 -rmspe:0.596403 | eval-rmse:0.955461 | train-rmspe:0.59755 | eval |
| [54] | train-rmse:0.917548 -rmspe:0.582218 | eval-rmse:0.920337 | train-rmspe:0.583601 | eval |
| [55] | train-rmse:0.883928 -rmspe:0.568239 | eval-rmse:0.88674 | train-rmspe:0.569862 | eval |
| [56] | train-rmse:0.851868 -rmspe:0.554494 | eval-rmse:0.854783 | train-rmspe:0.556338 | eval |
| [57] | train-rmse:0.821123 -rmspe:0.540786 | eval-rmse:0.823898 | train-rmspe:0.54307 | eval |
| [58] | train-rmse:0.791265 -rmspe:0.527404 | eval-rmse:0.794035 | train-rmspe:0.530035 | eval |
| [59] | train-rmse:0.763029 -rmspe:0.514028 | eval-rmse:0.765404 | train-rmspe:0.517224 | eval |
| [60] | train-rmse:0.736072 -rmspe:0.501022 | eval-rmse:0.738189 | train-rmspe:0.504719 | eval |
| [61] | train-rmse:0.710435 -rmspe:0.488619 | eval-rmse:0.712885 | train-rmspe:0.492549 | eval |

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| [62] | train-rmse:0.685618 -rmspe:0.476404 | eval-rmse:0.688212 | train-rmspe:0.480647 | eval |
| [63] | train-rmse:0.662136 -rmspe:0.464394 | eval-rmse:0.664767 | train-rmspe:0.469136 | eval |
| [64] | train-rmse:0.639583 -rmspe:0.452584 | eval-rmse:0.642043 | train-rmspe:0.457927 | eval |
| [65] | train-rmse:0.618213 -rmspe:0.441283 | eval-rmse:0.620736 | train-rmspe:0.447106 | eval |
| [66] | train-rmse:0.597743 -rmspe:0.430204 | eval-rmse:0.60021 | train-rmspe:0.436599 | eval |
| [67] | train-rmse:0.578299 -rmspe:0.419615 | eval-rmse:0.58085 | train-rmspe:0.426548 | eval |
| [68] | train-rmse:0.559782 -rmspe:0.409253 | eval-rmse:0.562127 | train-rmspe:0.416802 | eval |
| [69] | train-rmse:0.541999 -rmspe:0.399246 | eval-rmse:0.54426 | train-rmspe:0.407422 | eval |
| [70] | train-rmse:0.52513 -rmspe:0.389227 | eval-rmse:0.526602 | train-rmspe:0.398416 | eval |
| [71] | train-rmse:0.508874 -rmspe:0.379862 | eval-rmse:0.510242 | train-rmspe:0.389684 | eval |
| [72] | train-rmse:0.49307 -rmspe:0.370644 | eval-rmse:0.494195 | train-rmspe:0.381269 | eval |
| [73] | train-rmse:0.478547 -rmspe:0.362031 | eval-rmse:0.479366 | train-rmspe:0.373495 | eval |
| [74] | train-rmse:0.464509 -rmspe:0.353801 | eval-rmse:0.465242 | train-rmspe:0.365992 | eval |
| [75] | train-rmse:0.451442 -rmspe:0.345977 | eval-rmse:0.451869 | train-rmspe:0.359018 | eval |
| [76] | train-rmse:0.438934 -rmspe:0.33849 | eval-rmse:0.439158 | train-rmspe:0.352342 | eval |
| [77] | train-rmse:0.427192 -rmspe:0.331723 | eval-rmse:0.427671 | train-rmspe:0.346151 | eval |
| [78] | train-rmse:0.415612 -rmspe:0.324881 | eval-rmse:0.416037 | train-rmspe:0.339994 | eval |
| [79] | train-rmse:0.404886 -rmspe:0.318738 | eval-rmse:0.405594 | train-rmspe:0.334428 | eval |
| [80] | train-rmse:0.394569 -rmspe:0.312695 | eval-rmse:0.395397 | train-rmspe:0.32897 | eval |
| [81] | train-rmse:0.385077 -rmspe:0.307257 | eval-rmse:0.386044 | train-rmspe:0.324031 | eval |
| [82] | train-rmse:0.375675 -rmspe:0.301491 | eval-rmse:0.376228 | train-rmspe:0.319244 | eval |
| [83] | train-rmse:0.366695 -rmspe:0.296115 | eval-rmse:0.367047 | train-rmspe:0.314764 | eval |

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| [84] | train-rmse:0.358532 | eval-rmse:0.358315 | train-rmspe:0.310803 | eval-rmspe:0.291123 |
| [85] | train-rmse:0.350922 | eval-rmse:0.35004 | train-rmspe:0.307149 | eval-rmspe:0.286319 |
| [86] | train-rmse:0.343489 | eval-rmse:0.342593 | train-rmspe:0.303622 | eval-rmspe:0.282106 |
| [87] | train-rmse:0.336592 | eval-rmse:0.335566 | train-rmspe:0.300421 | eval-rmspe:0.278233 |
| [88] | train-rmse:0.328137 | eval-rmse:0.327213 | train-rmspe:0.296068 | eval-rmspe:0.273205 |
| [89] | train-rmse:0.322002 | eval-rmse:0.320367 | train-rmspe:0.293338 | eval-rmspe:0.269382 |
| [90] | train-rmse:0.315769 | eval-rmse:0.314131 | train-rmspe:0.290527 | eval-rmspe:0.265932 |
| [91] | train-rmse:0.309648 | eval-rmse:0.307569 | train-rmspe:0.287733 | eval-rmspe:0.262113 |
| [92] | train-rmse:0.304235 | eval-rmse:0.302102 | train-rmspe:0.285391 | eval-rmspe:0.259206 |
| [93] | train-rmse:0.298701 | eval-rmse:0.296445 | train-rmspe:0.283055 | eval-rmspe:0.256104 |
| [94] | train-rmse:0.29375 | eval-rmse:0.291543 | train-rmspe:0.281096 | eval-rmspe:0.253594 |
| [95] | train-rmse:0.289674 | eval-rmse:0.287514 | train-rmspe:0.279827 | eval-rmspe:0.251771 |
| [96] | train-rmse:0.285145 | eval-rmse:0.282666 | train-rmspe:0.278026 | eval-rmspe:0.249065 |
| [97] | train-rmse:0.28101 | eval-rmse:0.278614 | train-rmspe:0.276465 | eval-rmspe:0.246973 |
| [98] | train-rmse:0.277539 | eval-rmse:0.275467 | train-rmspe:0.275507 | eval-rmspe:0.245673 |
| [99] | train-rmse:0.273696 | eval-rmse:0.271549 | train-rmspe:0.274089 | eval-rmspe:0.24359 |
| [100] | train-rmse:0.269916 | eval-rmse:0.267865 | train-rmspe:0.272592 | eval-rmspe:0.241763 |
| [101] | train-rmse:0.266872 | eval-rmse:0.264687 | train-rmspe:0.27166 | eval-rmspe:0.240509 |
| [102] | train-rmse:0.262707 | eval-rmse:0.260565 | train-rmspe:0.26989 | eval-rmspe:0.238055 |
| [103] | train-rmse:0.260007 | eval-rmse:0.257966 | train-rmspe:0.269245 | eval-rmspe:0.237079 |
| [104] | train-rmse:0.257706 | eval-rmse:0.255693 | train-rmspe:0.268876 | eval-rmspe:0.236399 |
| [105] | train-rmse:0.254282 | eval-rmse:0.25244 | train-rmspe:0.26754 | eval-rmspe:0.23456 |

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| [106] | train-rmse:0.251587 | eval-rmse:0.249748 | train-rmspe:0.266398 | eval-rmspe:0.233265 |
| [107] | train-rmse:0.249408 | eval-rmse:0.247523 | train-rmspe:0.265622 | eval-rmspe:0.232409 |
| [108] | train-rmse:0.247197 | eval-rmse:0.245394 | train-rmspe:0.265147 | eval-rmspe:0.231596 |
| [109] | train-rmse:0.244256 | eval-rmse:0.242637 | train-rmspe:0.263787 | eval-rmspe:0.230017 |
| [110] | train-rmse:0.242549 | eval-rmse:0.240944 | train-rmspe:0.263477 | eval-rmspe:0.229747 |
| [111] | train-rmse:0.239701 | eval-rmse:0.238207 | train-rmspe:0.262367 | eval-rmspe:0.228143 |
| [112] | train-rmse:0.23834 | eval-rmse:0.236729 | train-rmspe:0.262473 | eval-rmspe:0.227862 |
| [113] | train-rmse:0.23576 | eval-rmse:0.234121 | train-rmspe:0.261478 | eval-rmspe:0.226217 |
| [114] | train-rmse:0.233891 | eval-rmse:0.232446 | train-rmspe:0.260712 | eval-rmspe:0.225427 |
| [115] | train-rmse:0.232424 | eval-rmse:0.231018 | train-rmspe:0.260492 | eval-rmspe:0.225019 |
| [116] | train-rmse:0.231009 | eval-rmse:0.229709 | train-rmspe:0.260305 | eval-rmspe:0.224659 |
| [117] | train-rmse:0.228857 | eval-rmse:0.227789 | train-rmspe:0.259311 | eval-rmspe:0.223545 |
| [118] | train-rmse:0.227849 | eval-rmse:0.227016 | train-rmspe:0.259388 | eval-rmspe:0.223527 |
| [119] | train-rmse:0.226753 | eval-rmse:0.226006 | train-rmspe:0.25937 | eval-rmspe:0.223357 |
| [120] | train-rmse:0.225842 | eval-rmse:0.225324 | train-rmspe:0.259452 | eval-rmspe:0.223302 |
| [121] | train-rmse:0.224985 | eval-rmse:0.224511 | train-rmspe:0.259691 | eval-rmspe:0.223282 |
| [122] | train-rmse:0.223165 | eval-rmse:0.222893 | train-rmspe:0.258872 | eval-rmspe:0.222502 |
| [123] | train-rmse:0.222199 | eval-rmse:0.221994 | train-rmspe:0.258639 | eval-rmspe:0.222237 |
| [124] | train-rmse:0.220739 | eval-rmse:0.220534 | train-rmspe:0.25823 | eval-rmspe:0.221393 |
| [125] | train-rmse:0.220168 | eval-rmse:0.220022 | train-rmspe:0.258448 | eval-rmspe:0.221561 |
| [126] | train-rmse:0.218089 | eval-rmse:0.218017 | train-rmspe:0.257085 | eval-rmspe:0.219828 |
| [127] | train-rmse:0.217511 | eval-rmse:0.217554 | train-rmspe:0.257097 | eval-rmspe:0.219878 |

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| [128] | train-rmse:0.215121 -rmspe:0.217941 | eval-rmse:0.215238 | train-rmspe:0.255497 | eval |
| [129] | train-rmse:0.214038 -rmspe:0.217421 | eval-rmse:0.21428 | train-rmspe:0.255109 | eval |
| [130] | train-rmse:0.213411 -rmspe:0.217297 | eval-rmse:0.21367 | train-rmspe:0.255138 | eval |
| [131] | train-rmse:0.211507 -rmspe:0.215925 | eval-rmse:0.211939 | train-rmspe:0.25381 | eval |
| [132] | train-rmse:0.209553 -rmspe:0.214329 | eval-rmse:0.210061 | train-rmspe:0.25255 | eval |
| [133] | train-rmse:0.20908 -rmspe:0.214325 | eval-rmse:0.209624 | train-rmspe:0.25265 | eval |
| [134] | train-rmse:0.208307 -rmspe:0.214089 | eval-rmse:0.208944 | train-rmspe:0.252427 | eval |
| [135] | train-rmse:0.207337 -rmspe:0.213533 | eval-rmse:0.207979 | train-rmspe:0.252036 | eval |
| [136] | train-rmse:0.205554 -rmspe:0.212343 | eval-rmse:0.206353 | train-rmspe:0.250881 | eval |
| [137] | train-rmse:0.205018 -rmspe:0.212083 | eval-rmse:0.205876 | train-rmspe:0.250005 | eval |
| [138] | train-rmse:0.204419 -rmspe:0.211677 | eval-rmse:0.205249 | train-rmspe:0.249885 | eval |
| [139] | train-rmse:0.203829 -rmspe:0.211369 | eval-rmse:0.204593 | train-rmspe:0.249669 | eval |
| [140] | train-rmse:0.202093 -rmspe:0.210149 | eval-rmse:0.203025 | train-rmspe:0.24851 | eval |
| [141] | train-rmse:0.201641 -rmspe:0.209907 | eval-rmse:0.202598 | train-rmspe:0.248442 | eval |
| [142] | train-rmse:0.200706 -rmspe:0.209473 | eval-rmse:0.20179 | train-rmspe:0.24801 | eval |
| [143] | train-rmse:0.200099 -rmspe:0.209188 | eval-rmse:0.201227 | train-rmspe:0.246396 | eval |
| [144] | train-rmse:0.199472 -rmspe:0.208872 | eval-rmse:0.200596 | train-rmspe:0.246097 | eval |
| [145] | train-rmse:0.198925 -rmspe:0.208558 | eval-rmse:0.20011 | train-rmspe:0.245716 | eval |
| [146] | train-rmse:0.19876 -rmspe:0.208697 | eval-rmse:0.199968 | train-rmspe:0.245903 | eval |
| [147] | train-rmse:0.197599 -rmspe:0.20754 | eval-rmse:0.198657 | train-rmspe:0.245139 | eval |
| [148] | train-rmse:0.19716 -rmspe:0.207168 | eval-rmse:0.198201 | train-rmspe:0.244641 | eval |
| [149] | train-rmse:0.196632 -rmspe:0.206846 | eval-rmse:0.197637 | train-rmspe:0.244497 | eval |

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| [150] | train-rmse:0.195937 -rmspe:0.206353 | eval-rmse:0.196983 | train-rmspe:0.24409 | eval |
| [151] | train-rmse:0.195749 -rmspe:0.206372 | eval-rmse:0.196837 | train-rmspe:0.244163 | eval |
| [152] | train-rmse:0.19548 -rmspe:0.206226 | eval-rmse:0.19653 | train-rmspe:0.244106 | eval |
| [153] | train-rmse:0.193913 -rmspe:0.204646 | eval-rmse:0.194967 | train-rmspe:0.242919 | eval |
| [154] | train-rmse:0.193667 -rmspe:0.204534 | eval-rmse:0.1947 | train-rmspe:0.242826 | eval |
| [155] | train-rmse:0.193232 -rmspe:0.204128 | eval-rmse:0.19431 | train-rmspe:0.2425 | eval |
| [156] | train-rmse:0.192346 -rmspe:0.203551 | eval-rmse:0.193535 | train-rmspe:0.241844 | eval |
| [157] | train-rmse:0.192153 -rmspe:0.203565 | eval-rmse:0.19338 | train-rmspe:0.241864 | eval |
| [158] | train-rmse:0.191556 -rmspe:0.203193 | eval-rmse:0.192857 | train-rmspe:0.240556 | eval |
| [159] | train-rmse:0.190418 -rmspe:0.202126 | eval-rmse:0.191771 | train-rmspe:0.239813 | eval |
| [160] | train-rmse:0.189753 -rmspe:0.201268 | eval-rmse:0.190806 | train-rmspe:0.23751 | eval |
| [161] | train-rmse:0.188553 -rmspe:0.200123 | eval-rmse:0.189725 | train-rmspe:0.236309 | eval |
| [162] | train-rmse:0.188222 -rmspe:0.199806 | eval-rmse:0.189455 | train-rmspe:0.234536 | eval |
| [163] | train-rmse:0.187664 -rmspe:0.199319 | eval-rmse:0.188922 | train-rmspe:0.234172 | eval |
| [164] | train-rmse:0.186737 -rmspe:0.198652 | eval-rmse:0.188135 | train-rmspe:0.23344 | eval |
| [165] | train-rmse:0.186317 -rmspe:0.198353 | eval-rmse:0.18769 | train-rmspe:0.233156 | eval |
| [166] | train-rmse:0.185569 -rmspe:0.197644 | eval-rmse:0.186945 | train-rmspe:0.232618 | eval |
| [167] | train-rmse:0.184795 -rmspe:0.196943 | eval-rmse:0.186234 | train-rmspe:0.231827 | eval |
| [168] | train-rmse:0.183682 -rmspe:0.196041 | eval-rmse:0.185287 | train-rmspe:0.230988 | eval |
| [169] | train-rmse:0.1835 -rmspe:0.195972 | eval-rmse:0.185235 | train-rmspe:0.2309 | eval |
| [170] | train-rmse:0.182736 -rmspe:0.195263 | eval-rmse:0.184519 | train-rmspe:0.230316 | eval |
| [171] | train-rmse:0.182563 -rmspe:0.195146 | eval-rmse:0.184276 | train-rmspe:0.230262 | eval |

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| [172] | train-rmse:0.181437 -rmspe:0.193992 | eval-rmse:0.183169 | train-rmspe:0.229339 | eval |
| [173] | train-rmse:0.180719 -rmspe:0.193234 | eval-rmse:0.182438 | train-rmspe:0.2288 | eval |
| [174] | train-rmse:0.180395 -rmspe:0.193099 | eval-rmse:0.18237 | train-rmspe:0.228676 | eval |
| [175] | train-rmse:0.179321 -rmspe:0.192178 | eval-rmse:0.18145 | train-rmspe:0.227831 | eval |
| [176] | train-rmse:0.178967 -rmspe:0.191875 | eval-rmse:0.181059 | train-rmspe:0.227563 | eval |
| [177] | train-rmse:0.178446 -rmspe:0.191536 | eval-rmse:0.180662 | train-rmspe:0.227194 | eval |
| [178] | train-rmse:0.177872 -rmspe:0.191014 | eval-rmse:0.180163 | train-rmspe:0.226743 | eval |
| [179] | train-rmse:0.177309 -rmspe:0.190464 | eval-rmse:0.179658 | train-rmspe:0.226325 | eval |
| [180] | train-rmse:0.176795 -rmspe:0.18993 | eval-rmse:0.17915 | train-rmspe:0.225896 | eval |
| [181] | train-rmse:0.176375 -rmspe:0.189614 | eval-rmse:0.178801 | train-rmspe:0.225598 | eval |
| [182] | train-rmse:0.176046 -rmspe:0.18935 | eval-rmse:0.178535 | train-rmspe:0.22536 | eval |
| [183] | train-rmse:0.175556 -rmspe:0.188833 | eval-rmse:0.178058 | train-rmspe:0.224883 | eval |
| [184] | train-rmse:0.174873 -rmspe:0.188171 | eval-rmse:0.177433 | train-rmspe:0.224331 | eval |
| [185] | train-rmse:0.174376 -rmspe:0.187805 | eval-rmse:0.17704 | train-rmspe:0.223941 | eval |
| [186] | train-rmse:0.174012 -rmspe:0.187504 | eval-rmse:0.176691 | train-rmspe:0.223601 | eval |
| [187] | train-rmse:0.173747 -rmspe:0.187327 | eval-rmse:0.17654 | train-rmspe:0.223475 | eval |
| [188] | train-rmse:0.173234 -rmspe:0.187 | eval-rmse:0.176172 | train-rmspe:0.223059 | eval |
| [189] | train-rmse:0.172689 -rmspe:0.186459 | eval-rmse:0.175732 | train-rmspe:0.222314 | eval |
| [190] | train-rmse:0.172233 -rmspe:0.18599 | eval-rmse:0.175295 | train-rmspe:0.221852 | eval |
| [191] | train-rmse:0.171706 -rmspe:0.18546 | eval-rmse:0.174819 | train-rmspe:0.221294 | eval |
| [192] | train-rmse:0.170863 -rmspe:0.184725 | eval-rmse:0.174101 | train-rmspe:0.220583 | eval |
| [193] | train-rmse:0.170702 -rmspe:0.18452 | eval-rmse:0.173943 | train-rmspe:0.220289 | eval |

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| [194] | train-rmse:0.170095 -rmspe:0.184045 | eval-rmse:0.173438 | train-rmspe:0.219762 | eval |
| [195] | train-rmse:0.169746 -rmspe:0.18372 | eval-rmse:0.173145 | train-rmspe:0.219468 | eval |
| [196] | train-rmse:0.168961 -rmspe:0.183119 | eval-rmse:0.172522 | train-rmspe:0.218721 | eval |
| [197] | train-rmse:0.168501 -rmspe:0.182645 | eval-rmse:0.172057 | train-rmspe:0.218373 | eval |
| [198] | train-rmse:0.168214 -rmspe:0.18243 | eval-rmse:0.171729 | train-rmspe:0.218131 | eval |
| [199] | train-rmse:0.168063 -rmspe:0.182438 | eval-rmse:0.171633 | train-rmspe:0.21802 | eval |
| [200] | train-rmse:0.167682 -rmspe:0.182112 | eval-rmse:0.171292 | train-rmspe:0.215948 | eval |
| [201] | train-rmse:0.167352 -rmspe:0.181793 | eval-rmse:0.171013 | train-rmspe:0.215667 | eval |
| [202] | train-rmse:0.166908 -rmspe:0.181446 | eval-rmse:0.17068 | train-rmspe:0.215356 | eval |
| [203] | train-rmse:0.166654 -rmspe:0.181317 | eval-rmse:0.170484 | train-rmspe:0.215164 | eval |
| [204] | train-rmse:0.166055 -rmspe:0.180815 | eval-rmse:0.169995 | train-rmspe:0.214645 | eval |
| [205] | train-rmse:0.165743 -rmspe:0.180457 | eval-rmse:0.169681 | train-rmspe:0.214356 | eval |
| [206] | train-rmse:0.165153 -rmspe:0.17992 | eval-rmse:0.169221 | train-rmspe:0.213782 | eval |
| [207] | train-rmse:0.164364 -rmspe:0.179231 | eval-rmse:0.168569 | train-rmspe:0.213047 | eval |
| [208] | train-rmse:0.163667 -rmspe:0.178647 | eval-rmse:0.168026 | train-rmspe:0.212341 | eval |
| [209] | train-rmse:0.163565 -rmspe:0.178326 | eval-rmse:0.167827 | train-rmspe:0.212205 | eval |
| [210] | train-rmse:0.163024 -rmspe:0.177754 | eval-rmse:0.167349 | train-rmspe:0.211706 | eval |
| [211] | train-rmse:0.162274 -rmspe:0.176845 | eval-rmse:0.1666 | train-rmspe:0.211025 | eval |
| [212] | train-rmse:0.162088 -rmspe:0.176686 | eval-rmse:0.166433 | train-rmspe:0.210865 | eval |
| [213] | train-rmse:0.16192 -rmspe:0.176564 | eval-rmse:0.166332 | train-rmspe:0.210718 | eval |
| [214] | train-rmse:0.161335 -rmspe:0.175843 | eval-rmse:0.165773 | train-rmspe:0.210168 | eval |
| [215] | train-rmse:0.160623 -rmspe:0.175556 | eval-rmse:0.165456 | train-rmspe:0.209578 | eval |

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| [216] | train-rmse:0.160394 -rmspe:0.175404 | eval-rmse:0.165328 | train-rmspe:0.209241 | eval |
| [217] | train-rmse:0.160073 -rmspe:0.175077 | eval-rmse:0.165037 | train-rmspe:0.208947 | eval |
| [218] | train-rmse:0.159345 -rmspe:0.174433 | eval-rmse:0.164439 | train-rmspe:0.208242 | eval |
| [219] | train-rmse:0.158876 -rmspe:0.173986 | eval-rmse:0.163975 | train-rmspe:0.207855 | eval |
| [220] | train-rmse:0.158638 -rmspe:0.17377 | eval-rmse:0.163736 | train-rmspe:0.207582 | eval |
| [221] | train-rmse:0.157944 -rmspe:0.173147 | eval-rmse:0.163188 | train-rmspe:0.206893 | eval |
| [222] | train-rmse:0.157681 -rmspe:0.172795 | eval-rmse:0.162891 | train-rmspe:0.206649 | eval |
| [223] | train-rmse:0.157526 -rmspe:0.172626 | eval-rmse:0.162688 | train-rmspe:0.206496 | eval |
| [224] | train-rmse:0.15705 -rmspe:0.172146 | eval-rmse:0.162267 | train-rmspe:0.20609 | eval |
| [225] | train-rmse:0.156726 -rmspe:0.171849 | eval-rmse:0.16198 | train-rmspe:0.205794 | eval |
| [226] | train-rmse:0.156399 -rmspe:0.171512 | eval-rmse:0.161679 | train-rmspe:0.20549 | eval |
| [227] | train-rmse:0.156127 -rmspe:0.171263 | eval-rmse:0.161449 | train-rmspe:0.205274 | eval |
| [228] | train-rmse:0.155936 -rmspe:0.171142 | eval-rmse:0.161347 | train-rmspe:0.205098 | eval |
| [229] | train-rmse:0.155449 -rmspe:0.170635 | eval-rmse:0.160926 | train-rmspe:0.204662 | eval |
| [230] | train-rmse:0.154952 -rmspe:0.170046 | eval-rmse:0.160475 | train-rmspe:0.204195 | eval |
| [231] | train-rmse:0.154431 -rmspe:0.169469 | eval-rmse:0.160043 | train-rmspe:0.203622 | eval |
| [232] | train-rmse:0.154228 -rmspe:0.169267 | eval-rmse:0.159887 | train-rmspe:0.203392 | eval |
| [233] | train-rmse:0.154005 -rmspe:0.169088 | eval-rmse:0.159698 | train-rmspe:0.203178 | eval |
| [234] | train-rmse:0.15381 -rmspe:0.168865 | eval-rmse:0.159443 | train-rmspe:0.203004 | eval |
| [235] | train-rmse:0.153492 -rmspe:0.168544 | eval-rmse:0.159145 | train-rmspe:0.20273 | eval |
| [236] | train-rmse:0.153349 -rmspe:0.168487 | eval-rmse:0.159116 | train-rmspe:0.20261 | eval |
| [237] | train-rmse:0.152561 -rmspe:0.167672 | eval-rmse:0.158472 | train-rmspe:0.20183 | eval |

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| [238] | train-rmse:0.152164 | eval-rmse:0.158106 | train-rmspe:0.201477 | eval-rmspe:0.167257 |
| [239] | train-rmse:0.151991 | eval-rmse:0.157923 | train-rmspe:0.201276 | eval-rmspe:0.167087 |
| [240] | train-rmse:0.151857 | eval-rmse:0.157754 | train-rmspe:0.201138 | eval-rmspe:0.166939 |
| [241] | train-rmse:0.151704 | eval-rmse:0.157608 | train-rmspe:0.20087 | eval-rmspe:0.166795 |
| [242] | train-rmse:0.151442 | eval-rmse:0.157418 | train-rmspe:0.200644 | eval-rmspe:0.166575 |
| [243] | train-rmse:0.150852 | eval-rmse:0.156935 | train-rmspe:0.200117 | eval-rmspe:0.166053 |
| [244] | train-rmse:0.150577 | eval-rmse:0.156675 | train-rmspe:0.199881 | eval-rmspe:0.165775 |
| [245] | train-rmse:0.150451 | eval-rmse:0.156589 | train-rmspe:0.199811 | eval-rmspe:0.165703 |
| [246] | train-rmse:0.14995 | eval-rmse:0.156177 | train-rmspe:0.199361 | eval-rmspe:0.165264 |
| [247] | train-rmse:0.149597 | eval-rmse:0.155851 | train-rmspe:0.198967 | eval-rmspe:0.164846 |
| [248] | train-rmse:0.149093 | eval-rmse:0.155344 | train-rmspe:0.19852 | eval-rmspe:0.164231 |
| [249] | train-rmse:0.148795 | eval-rmse:0.155022 | train-rmspe:0.198249 | eval-rmspe:0.163929 |
| [250] | train-rmse:0.148451 | eval-rmse:0.154711 | train-rmspe:0.197945 | eval-rmspe:0.163584 |
| [251] | train-rmse:0.148219 | eval-rmse:0.154462 | train-rmspe:0.197677 | eval-rmspe:0.163244 |
| [252] | train-rmse:0.147798 | eval-rmse:0.154115 | train-rmspe:0.197329 | eval-rmspe:0.162831 |
| [253] | train-rmse:0.147395 | eval-rmse:0.153793 | train-rmspe:0.196858 | eval-rmspe:0.162469 |
| [254] | train-rmse:0.147258 | eval-rmse:0.153652 | train-rmspe:0.196701 | eval-rmspe:0.162338 |
| [255] | train-rmse:0.147047 | eval-rmse:0.153463 | train-rmspe:0.196474 | eval-rmspe:0.162139 |
| [256] | train-rmse:0.146274 | eval-rmse:0.152811 | train-rmspe:0.195694 | eval-rmspe:0.16138 |
| [257] | train-rmse:0.146118 | eval-rmse:0.152772 | train-rmspe:0.195509 | eval-rmspe:0.161289 |
| [258] | train-rmse:0.145727 | eval-rmse:0.152364 | train-rmspe:0.195166 | eval-rmspe:0.160808 |
| [259] | train-rmse:0.145318 | eval-rmse:0.151969 | train-rmspe:0.194771 | eval-rmspe:0.160322 |

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| [260] | train-rmse:0.145076 | eval-rmse:0.151734 | train-rmspe:0.19454 | eval-rmspe:0.160049 |
| [261] | train-rmse:0.144392 | eval-rmse:0.151114 | train-rmspe:0.193962 | eval-rmspe:0.159412 |
| [262] | train-rmse:0.144132 | eval-rmse:0.150875 | train-rmspe:0.193694 | eval-rmspe:0.159151 |
| [263] | train-rmse:0.143552 | eval-rmse:0.150375 | train-rmspe:0.193163 | eval-rmspe:0.15857 |
| [264] | train-rmse:0.143425 | eval-rmse:0.150237 | train-rmspe:0.193086 | eval-rmspe:0.15844 |
| [265] | train-rmse:0.1433 | eval-rmse:0.150124 | train-rmspe:0.192937 | eval-rmspe:0.158333 |
| [266] | train-rmse:0.143098 | eval-rmse:0.149908 | train-rmspe:0.192749 | eval-rmspe:0.15805 |
| [267] | train-rmse:0.142973 | eval-rmse:0.149845 | train-rmspe:0.192733 | eval-rmspe:0.158008 |
| [268] | train-rmse:0.142789 | eval-rmse:0.149667 | train-rmspe:0.192617 | eval-rmspe:0.157817 |
| [269] | train-rmse:0.142495 | eval-rmse:0.149463 | train-rmspe:0.191925 | eval-rmspe:0.157565 |
| [270] | train-rmse:0.142368 | eval-rmse:0.149399 | train-rmspe:0.191767 | eval-rmspe:0.157495 |
| [271] | train-rmse:0.14228 | eval-rmse:0.149322 | train-rmspe:0.189407 | eval-rmspe:0.157409 |
| [272] | train-rmse:0.142188 | eval-rmse:0.149212 | train-rmspe:0.189346 | eval-rmspe:0.157305 |
| [273] | train-rmse:0.142041 | eval-rmse:0.149088 | train-rmspe:0.189221 | eval-rmspe:0.157185 |
| [274] | train-rmse:0.141604 | eval-rmse:0.148735 | train-rmspe:0.188657 | eval-rmspe:0.156765 |
| [275] | train-rmse:0.141476 | eval-rmse:0.148592 | train-rmspe:0.188557 | eval-rmspe:0.156607 |
| [276] | train-rmse:0.140996 | eval-rmse:0.148212 | train-rmspe:0.188072 | eval-rmspe:0.156152 |
| [277] | train-rmse:0.140537 | eval-rmse:0.147844 | train-rmspe:0.187641 | eval-rmspe:0.155794 |
| [278] | train-rmse:0.140416 | eval-rmse:0.147705 | train-rmspe:0.187525 | eval-rmspe:0.155645 |
| [279] | train-rmse:0.139983 | eval-rmse:0.147349 | train-rmspe:0.187172 | eval-rmspe:0.155259 |
| [280] | train-rmse:0.13975 | eval-rmse:0.147193 | train-rmspe:0.18694 | eval-rmspe:0.155081 |
| [281] | train-rmse:0.139674 | eval-rmse:0.147124 | train-rmspe:0.186861 | eval-rmspe:0.154956 |

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| [282] | train-rmse:0.139095 | eval-rmse:0.146616 | train-rmspe:0.186343 | eval-rmspe:0.15433 |
| [283] | train-rmse:0.138839 | eval-rmse:0.146387 | train-rmspe:0.186107 | eval-rmspe:0.154072 |
| [284] | train-rmse:0.138563 | eval-rmse:0.146129 | train-rmspe:0.185892 | eval-rmspe:0.153785 |
| [285] | train-rmse:0.13839 | eval-rmse:0.145877 | train-rmspe:0.185732 | eval-rmspe:0.153512 |
| [286] | train-rmse:0.138111 | eval-rmse:0.145575 | train-rmspe:0.185503 | eval-rmspe:0.153164 |
| [287] | train-rmse:0.13803 | eval-rmse:0.1455 | train-rmspe:0.185431 | eval-rmspe:0.153075 |
| [288] | train-rmse:0.13788 | eval-rmse:0.145372 | train-rmspe:0.18537 | eval-rmspe:0.152982 |
| [289] | train-rmse:0.137768 | eval-rmse:0.145269 | train-rmspe:0.185265 | eval-rmspe:0.152866 |
| [290] | train-rmse:0.137358 | eval-rmse:0.144902 | train-rmspe:0.184955 | eval-rmspe:0.152478 |
| [291] | train-rmse:0.137222 | eval-rmse:0.14478 | train-rmspe:0.184845 | eval-rmspe:0.152346 |
| [292] | train-rmse:0.137053 | eval-rmse:0.144626 | train-rmspe:0.184613 | eval-rmspe:0.152187 |
| [293] | train-rmse:0.136628 | eval-rmse:0.144253 | train-rmspe:0.183969 | eval-rmspe:0.151768 |
| [294] | train-rmse:0.136125 | eval-rmse:0.143745 | train-rmspe:0.183519 | eval-rmspe:0.15123 |
| [295] | train-rmse:0.136033 | eval-rmse:0.143684 | train-rmspe:0.181492 | eval-rmspe:0.151162 |
| [296] | train-rmse:0.135827 | eval-rmse:0.143399 | train-rmspe:0.181318 | eval-rmspe:0.150823 |
| [297] | train-rmse:0.135115 | eval-rmse:0.142786 | train-rmspe:0.180763 | eval-rmspe:0.150149 |
| [298] | train-rmse:0.134961 | eval-rmse:0.142586 | train-rmspe:0.180616 | eval-rmspe:0.149954 |
| [299] | train-rmse:0.134673 | eval-rmse:0.142358 | train-rmspe:0.180213 | eval-rmspe:0.149696 |
| [300] | train-rmse:0.134254 | eval-rmse:0.142 | train-rmspe:0.179832 | eval-rmspe:0.149245 |
| [301] | train-rmse:0.133941 | eval-rmse:0.141777 | train-rmspe:0.179576 | eval-rmspe:0.149028 |
| [302] | train-rmse:0.133672 | eval-rmse:0.141515 | train-rmspe:0.179379 | eval-rmspe:0.148742 |
| [303] | train-rmse:0.133016 | eval-rmse:0.140966 | train-rmspe:0.178811 | eval-rmspe:0.148106 |

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| [304] | train-rmse:0.132855 | eval-rmse:0.140817 | train-rmspe:0.178724 | eval-rmspe:0.14793 |
| [305] | train-rmse:0.132767 | eval-rmse:0.140727 | train-rmspe:0.178627 | eval-rmspe:0.147834 |
| [306] | train-rmse:0.132583 | eval-rmse:0.140583 | train-rmspe:0.178454 | eval-rmspe:0.147742 |
| [307] | train-rmse:0.132052 | eval-rmse:0.140152 | train-rmspe:0.178015 | eval-rmspe:0.14727 |
| [308] | train-rmse:0.131946 | eval-rmse:0.139979 | train-rmspe:0.17791 | eval-rmspe:0.147071 |
| [309] | train-rmse:0.1319 | eval-rmse:0.139907 | train-rmspe:0.177869 | eval-rmspe:0.147014 |
| [310] | train-rmse:0.131399 | eval-rmse:0.139479 | train-rmspe:0.177454 | eval-rmspe:0.146531 |
| [311] | train-rmse:0.131106 | eval-rmse:0.139254 | train-rmspe:0.175461 | eval-rmspe:0.14629 |
| [312] | train-rmse:0.130848 | eval-rmse:0.139025 | train-rmspe:0.175207 | eval-rmspe:0.146018 |
| [313] | train-rmse:0.130611 | eval-rmse:0.138963 | train-rmspe:0.174994 | eval-rmspe:0.145949 |
| [314] | train-rmse:0.129995 | eval-rmse:0.138471 | train-rmspe:0.174483 | eval-rmspe:0.145386 |
| [315] | train-rmse:0.129894 | eval-rmse:0.138354 | train-rmspe:0.174386 | eval-rmspe:0.145192 |
| [316] | train-rmse:0.129688 | eval-rmse:0.138271 | train-rmspe:0.174094 | eval-rmspe:0.145109 |
| [317] | train-rmse:0.129606 | eval-rmse:0.138189 | train-rmspe:0.173982 | eval-rmspe:0.145034 |
| [318] | train-rmse:0.12939 | eval-rmse:0.137984 | train-rmspe:0.173797 | eval-rmspe:0.144788 |
| [319] | train-rmse:0.129115 | eval-rmse:0.137779 | train-rmspe:0.173555 | eval-rmspe:0.14455 |
| [320] | train-rmse:0.129001 | eval-rmse:0.137751 | train-rmspe:0.17331 | eval-rmspe:0.144542 |
| [321] | train-rmse:0.128794 | eval-rmse:0.137586 | train-rmspe:0.173129 | eval-rmspe:0.144357 |
| [322] | train-rmse:0.128419 | eval-rmse:0.137329 | train-rmspe:0.172776 | eval-rmspe:0.144034 |
| [323] | train-rmse:0.128226 | eval-rmse:0.137173 | train-rmspe:0.172591 | eval-rmspe:0.143832 |
| [324] | train-rmse:0.127906 | eval-rmse:0.136883 | train-rmspe:0.172319 | eval-rmspe:0.143533 |
| [325] | train-rmse:0.127481 | eval-rmse:0.136509 | train-rmspe:0.171945 | eval-rmspe:0.143095 |

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| [326] | train-rmse:0.127356 | eval-rmse:0.136279 | train-rmspe:0.170317 | eval-rmspe:0.142836 |
| [327] | train-rmse:0.12723 | eval-rmse:0.136039 | train-rmspe:0.170173 | eval-rmspe:0.142523 |
| [328] | train-rmse:0.126796 | eval-rmse:0.135663 | train-rmspe:0.169856 | eval-rmspe:0.142091 |
| [329] | train-rmse:0.12649 | eval-rmse:0.135454 | train-rmspe:0.169174 | eval-rmspe:0.141838 |
| [330] | train-rmse:0.126328 | eval-rmse:0.135438 | train-rmspe:0.169012 | eval-rmspe:0.141807 |
| [331] | train-rmse:0.126095 | eval-rmse:0.135222 | train-rmspe:0.168656 | eval-rmspe:0.141553 |
| [332] | train-rmse:0.125661 | eval-rmse:0.13485 | train-rmspe:0.168292 | eval-rmspe:0.141154 |
| [333] | train-rmse:0.125502 | eval-rmse:0.134725 | train-rmspe:0.168136 | eval-rmspe:0.14099 |
| [334] | train-rmse:0.125266 | eval-rmse:0.134589 | train-rmspe:0.167932 | eval-rmspe:0.140841 |
| [335] | train-rmse:0.124937 | eval-rmse:0.134366 | train-rmspe:0.167651 | eval-rmspe:0.14059 |
| [336] | train-rmse:0.124579 | eval-rmse:0.134005 | train-rmspe:0.167337 | eval-rmspe:0.14019 |
| [337] | train-rmse:0.124461 | eval-rmse:0.133969 | train-rmspe:0.167243 | eval-rmspe:0.140214 |
| [338] | train-rmse:0.124416 | eval-rmse:0.133884 | train-rmspe:0.166962 | eval-rmspe:0.140088 |
| [339] | train-rmse:0.124203 | eval-rmse:0.133702 | train-rmspe:0.16677 | eval-rmspe:0.13989 |
| [340] | train-rmse:0.124044 | eval-rmse:0.133559 | train-rmspe:0.166628 | eval-rmspe:0.139747 |
| [341] | train-rmse:0.123988 | eval-rmse:0.133513 | train-rmspe:0.166597 | eval-rmspe:0.139701 |
| [342] | train-rmse:0.123905 | eval-rmse:0.13337 | train-rmspe:0.16647 | eval-rmspe:0.139582 |
| [343] | train-rmse:0.123696 | eval-rmse:0.133123 | train-rmspe:0.163492 | eval-rmspe:0.139345 |
| [344] | train-rmse:0.123647 | eval-rmse:0.13309 | train-rmspe:0.163457 | eval-rmspe:0.139311 |
| [345] | train-rmse:0.123503 | eval-rmse:0.13297 | train-rmspe:0.16329 | eval-rmspe:0.139166 |
| [346] | train-rmse:0.123402 | eval-rmse:0.132953 | train-rmspe:0.163133 | eval-rmspe:0.139191 |
| [347] | train-rmse:0.123302 | eval-rmse:0.132826 | train-rmspe:0.163003 | eval-rmspe:0.139081 |

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| [348] | train-rmse:0.122841 -rmspe:0.138663 | eval-rmse:0.13246 | train-rmspe:0.162623 | eval |
| [349] | train-rmse:0.122743 -rmspe:0.138541 | eval-rmse:0.13237 | train-rmspe:0.162481 | eval |
| [350] | train-rmse:0.122663 -rmspe:0.138475 | eval-rmse:0.132322 | train-rmspe:0.162403 | eval |
| [351] | train-rmse:0.122348 -rmspe:0.138155 | eval-rmse:0.132036 | train-rmspe:0.162181 | eval |
| [352] | train-rmse:0.122181 -rmspe:0.138041 | eval-rmse:0.131933 | train-rmspe:0.161827 | eval |
| [353] | train-rmse:0.122091 -rmspe:0.137983 | eval-rmse:0.131874 | train-rmspe:0.161742 | eval |
| [354] | train-rmse:0.121999 -rmspe:0.137908 | eval-rmse:0.131768 | train-rmspe:0.161637 | eval |
| [355] | train-rmse:0.121745 -rmspe:0.137651 | eval-rmse:0.131553 | train-rmspe:0.161408 | eval |
| [356] | train-rmse:0.121675 -rmspe:0.137667 | eval-rmse:0.131528 | train-rmspe:0.161325 | eval |
| [357] | train-rmse:0.121523 -rmspe:0.137483 | eval-rmse:0.13138 | train-rmspe:0.161209 | eval |
| [358] | train-rmse:0.121231 -rmspe:0.137223 | eval-rmse:0.131139 | train-rmspe:0.160986 | eval |
| [359] | train-rmse:0.121142 -rmspe:0.137065 | eval-rmse:0.131015 | train-rmspe:0.16088 | eval |
| [360] | train-rmse:0.121007 -rmspe:0.136926 | eval-rmse:0.1309 | train-rmspe:0.160706 | eval |
| [361] | train-rmse:0.120794 -rmspe:0.136624 | eval-rmse:0.130618 | train-rmspe:0.16047 | eval |
| [362] | train-rmse:0.120625 -rmspe:0.13646 | eval-rmse:0.130455 | train-rmspe:0.16033 | eval |
| [363] | train-rmse:0.120497 -rmspe:0.136341 | eval-rmse:0.130331 | train-rmspe:0.160219 | eval |
| [364] | train-rmse:0.120318 -rmspe:0.136195 | eval-rmse:0.130208 | train-rmspe:0.160069 | eval |
| [365] | train-rmse:0.12024 -rmspe:0.136183 | eval-rmse:0.130159 | train-rmspe:0.160022 | eval |
| [366] | train-rmse:0.12011 -rmspe:0.136048 | eval-rmse:0.130038 | train-rmspe:0.159913 | eval |
| [367] | train-rmse:0.120032 -rmspe:0.135903 | eval-rmse:0.129935 | train-rmspe:0.159844 | eval |
| [368] | train-rmse:0.119937 -rmspe:0.13585 | eval-rmse:0.129906 | train-rmspe:0.159773 | eval |
| [369] | train-rmse:0.119899 -rmspe:0.135814 | eval-rmse:0.129874 | train-rmspe:0.159723 | eval |

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| [370] | train-rmse:0.119846 | eval-rmse:0.129813 | train-rmspe:0.15967 | eval-rmspe:0.13575 |
| [371] | train-rmse:0.119827 | eval-rmse:0.129815 | train-rmspe:0.159653 | eval-rmspe:0.135762 |
| [372] | train-rmse:0.119663 | eval-rmse:0.129708 | train-rmspe:0.159494 | eval-rmspe:0.135633 |
| [373] | train-rmse:0.119579 | eval-rmse:0.129642 | train-rmspe:0.159489 | eval-rmspe:0.135558 |
| [374] | train-rmse:0.119472 | eval-rmse:0.129531 | train-rmspe:0.159339 | eval-rmspe:0.135434 |
| [375] | train-rmse:0.119274 | eval-rmse:0.129383 | train-rmspe:0.159112 | eval-rmspe:0.13526 |
| [376] | train-rmse:0.119243 | eval-rmse:0.129357 | train-rmspe:0.158313 | eval-rmspe:0.135231 |
| [377] | train-rmse:0.11902 | eval-rmse:0.129237 | train-rmspe:0.156997 | eval-rmspe:0.135058 |
| [378] | train-rmse:0.118786 | eval-rmse:0.129059 | train-rmspe:0.156791 | eval-rmspe:0.134855 |
| [379] | train-rmse:0.118674 | eval-rmse:0.128984 | train-rmspe:0.156685 | eval-rmspe:0.13477 |
| [380] | train-rmse:0.11843 | eval-rmse:0.128796 | train-rmspe:0.156474 | eval-rmspe:0.134547 |
| [381] | train-rmse:0.118305 | eval-rmse:0.128693 | train-rmspe:0.156365 | eval-rmspe:0.134432 |
| [382] | train-rmse:0.118173 | eval-rmse:0.128584 | train-rmspe:0.156194 | eval-rmspe:0.13433 |
| [383] | train-rmse:0.118043 | eval-rmse:0.128487 | train-rmspe:0.156076 | eval-rmspe:0.134232 |
| [384] | train-rmse:0.118005 | eval-rmse:0.128444 | train-rmspe:0.156043 | eval-rmspe:0.134186 |
| [385] | train-rmse:0.117855 | eval-rmse:0.128332 | train-rmspe:0.155857 | eval-rmspe:0.134061 |
| [386] | train-rmse:0.117818 | eval-rmse:0.128311 | train-rmspe:0.155829 | eval-rmspe:0.134037 |
| [387] | train-rmse:0.117598 | eval-rmse:0.128126 | train-rmspe:0.155596 | eval-rmspe:0.133855 |
| [388] | train-rmse:0.117378 | eval-rmse:0.127988 | train-rmspe:0.155366 | eval-rmspe:0.133698 |
| [389] | train-rmse:0.117237 | eval-rmse:0.12786 | train-rmspe:0.155243 | eval-rmspe:0.133554 |
| [390] | train-rmse:0.117176 | eval-rmse:0.12779 | train-rmspe:0.155164 | eval-rmspe:0.13345 |
| [391] | train-rmse:0.117054 | eval-rmse:0.127707 | train-rmspe:0.155066 | eval-rmspe:0.133345 |

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| [392] | train-rmse:0.116902 | eval-rmse:0.127591 | train-rmspe:0.154936 | eval-rmspe:0.133197 |
| [393] | train-rmse:0.116822 | eval-rmse:0.1275 | train-rmspe:0.154868 | eval-rmspe:0.133095 |
| [394] | train-rmse:0.116717 | eval-rmse:0.127334 | train-rmspe:0.154779 | eval-rmspe:0.132933 |
| [395] | train-rmse:0.11666 | eval-rmse:0.127303 | train-rmspe:0.154746 | eval-rmspe:0.132903 |
| [396] | train-rmse:0.116554 | eval-rmse:0.127202 | train-rmspe:0.154649 | eval-rmspe:0.132797 |
| [397] | train-rmse:0.116458 | eval-rmse:0.127142 | train-rmspe:0.154497 | eval-rmspe:0.132745 |
| [398] | train-rmse:0.116265 | eval-rmse:0.126959 | train-rmspe:0.154311 | eval-rmspe:0.132519 |
| [399] | train-rmse:0.115973 | eval-rmse:0.126739 | train-rmspe:0.15401 | eval-rmspe:0.132275 |
| [400] | train-rmse:0.115699 | eval-rmse:0.126554 | train-rmspe:0.153699 | eval-rmspe:0.132058 |
| [401] | train-rmse:0.115545 | eval-rmse:0.126347 | train-rmspe:0.153534 | eval-rmspe:0.131821 |
| [402] | train-rmse:0.115442 | eval-rmse:0.126239 | train-rmspe:0.153424 | eval-rmspe:0.131656 |
| [403] | train-rmse:0.115338 | eval-rmse:0.12613 | train-rmspe:0.153338 | eval-rmspe:0.131557 |
| [404] | train-rmse:0.115212 | eval-rmse:0.12602 | train-rmspe:0.153227 | eval-rmspe:0.131429 |
| [405] | train-rmse:0.115141 | eval-rmse:0.125993 | train-rmspe:0.15314 | eval-rmspe:0.131379 |
| [406] | train-rmse:0.115007 | eval-rmse:0.125899 | train-rmspe:0.150654 | eval-rmspe:0.131266 |
| [407] | train-rmse:0.114812 | eval-rmse:0.125738 | train-rmspe:0.150453 | eval-rmspe:0.131067 |
| [408] | train-rmse:0.114779 | eval-rmse:0.125702 | train-rmspe:0.150446 | eval-rmspe:0.131033 |
| [409] | train-rmse:0.114677 | eval-rmse:0.125655 | train-rmspe:0.150339 | eval-rmspe:0.13096 |
| [410] | train-rmse:0.114579 | eval-rmse:0.12557 | train-rmspe:0.15024 | eval-rmspe:0.13087 |
| [411] | train-rmse:0.114453 | eval-rmse:0.125495 | train-rmspe:0.150128 | eval-rmspe:0.130789 |
| [412] | train-rmse:0.1143 | eval-rmse:0.125366 | train-rmspe:0.149985 | eval-rmspe:0.130638 |
| [413] | train-rmse:0.1142 | eval-rmse:0.125282 | train-rmspe:0.149883 | eval-rmspe:0.13054 |

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| [414] | train-rmse:0.113945 | eval-rmse:0.125098 | train-rmspe:0.149654 | eval-rmspe:0.130336 |
| [415] | train-rmse:0.113729 | eval-rmse:0.1249 | train-rmspe:0.149475 | eval-rmspe:0.13012 |
| [416] | train-rmse:0.113641 | eval-rmse:0.124896 | train-rmspe:0.149388 | eval-rmspe:0.13008 |
| [417] | train-rmse:0.113523 | eval-rmse:0.12482 | train-rmspe:0.149263 | eval-rmspe:0.129981 |
| [418] | train-rmse:0.113431 | eval-rmse:0.124746 | train-rmspe:0.149178 | eval-rmspe:0.129884 |
| [419] | train-rmse:0.113341 | eval-rmse:0.124649 | train-rmspe:0.149082 | eval-rmspe:0.129756 |
| [420] | train-rmse:0.113198 | eval-rmse:0.124554 | train-rmspe:0.148945 | eval-rmspe:0.129624 |
| [421] | train-rmse:0.113106 | eval-rmse:0.12448 | train-rmspe:0.148867 | eval-rmspe:0.129545 |
| [422] | train-rmse:0.112952 | eval-rmse:0.124371 | train-rmspe:0.148735 | eval-rmspe:0.129429 |
| [423] | train-rmse:0.11284 | eval-rmse:0.124296 | train-rmspe:0.148637 | eval-rmspe:0.129341 |
| [424] | train-rmse:0.112766 | eval-rmse:0.12421 | train-rmspe:0.148577 | eval-rmspe:0.129259 |
| [425] | train-rmse:0.112743 | eval-rmse:0.124163 | train-rmspe:0.148559 | eval-rmspe:0.129194 |
| [426] | train-rmse:0.112554 | eval-rmse:0.124011 | train-rmspe:0.148387 | eval-rmspe:0.129022 |
| [427] | train-rmse:0.112421 | eval-rmse:0.123892 | train-rmspe:0.148269 | eval-rmspe:0.128904 |
| [428] | train-rmse:0.112291 | eval-rmse:0.123822 | train-rmspe:0.148182 | eval-rmspe:0.128823 |
| [429] | train-rmse:0.112163 | eval-rmse:0.12372 | train-rmspe:0.148076 | eval-rmspe:0.128717 |
| [430] | train-rmse:0.11206 | eval-rmse:0.123728 | train-rmspe:0.147892 | eval-rmspe:0.128684 |
| [431] | train-rmse:0.111986 | eval-rmse:0.123639 | train-rmspe:0.147828 | eval-rmspe:0.128559 |
| [432] | train-rmse:0.111863 | eval-rmse:0.12355 | train-rmspe:0.147638 | eval-rmspe:0.128512 |
| [433] | train-rmse:0.111788 | eval-rmse:0.123482 | train-rmspe:0.147572 | eval-rmspe:0.128433 |
| [434] | train-rmse:0.111705 | eval-rmse:0.123403 | train-rmspe:0.147483 | eval-rmspe:0.128361 |
| [435] | train-rmse:0.111629 | eval-rmse:0.12336 | train-rmspe:0.147411 | eval-rmspe:0.128307 |

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| [436] | train-rmse:0.111539 | eval-rmse:0.123307 | train-rmspe:0.147324 | eval-rmspe:0.12823 |
| [437] | train-rmse:0.111455 | eval-rmse:0.123252 | train-rmspe:0.147252 | eval-rmspe:0.128169 |
| [438] | train-rmse:0.111385 | eval-rmse:0.123224 | train-rmspe:0.147191 | eval-rmspe:0.128118 |
| [439] | train-rmse:0.111278 | eval-rmse:0.123117 | train-rmspe:0.14706 | eval-rmspe:0.128002 |
| [440] | train-rmse:0.111189 | eval-rmse:0.123064 | train-rmspe:0.146984 | eval-rmspe:0.127936 |
| [441] | train-rmse:0.11112 | eval-rmse:0.123003 | train-rmspe:0.146921 | eval-rmspe:0.127877 |
| [442] | train-rmse:0.111077 | eval-rmse:0.122888 | train-rmspe:0.146893 | eval-rmspe:0.127767 |
| [443] | train-rmse:0.110997 | eval-rmse:0.122803 | train-rmspe:0.14678 | eval-rmspe:0.127627 |
| [444] | train-rmse:0.110899 | eval-rmse:0.122724 | train-rmspe:0.146076 | eval-rmspe:0.127539 |
| [445] | train-rmse:0.110691 | eval-rmse:0.122566 | train-rmspe:0.145881 | eval-rmspe:0.12736 |
| [446] | train-rmse:0.110675 | eval-rmse:0.122523 | train-rmspe:0.145868 | eval-rmspe:0.127308 |
| [447] | train-rmse:0.110521 | eval-rmse:0.122398 | train-rmspe:0.145708 | eval-rmspe:0.127174 |
| [448] | train-rmse:0.110504 | eval-rmse:0.12236 | train-rmspe:0.14569 | eval-rmspe:0.127123 |
| [449] | train-rmse:0.110408 | eval-rmse:0.122297 | train-rmspe:0.145613 | eval-rmspe:0.127043 |
| [450] | train-rmse:0.110353 | eval-rmse:0.122252 | train-rmspe:0.145558 | eval-rmspe:0.126995 |
| [451] | train-rmse:0.110278 | eval-rmse:0.122191 | train-rmspe:0.145493 | eval-rmspe:0.126928 |
| [452] | train-rmse:0.110173 | eval-rmse:0.122125 | train-rmspe:0.145389 | eval-rmspe:0.126851 |
| [453] | train-rmse:0.110081 | eval-rmse:0.122047 | train-rmspe:0.145299 | eval-rmspe:0.126761 |
| [454] | train-rmse:0.11006 | eval-rmse:0.122002 | train-rmspe:0.145283 | eval-rmspe:0.126721 |
| [455] | train-rmse:0.109939 | eval-rmse:0.121915 | train-rmspe:0.145179 | eval-rmspe:0.126616 |
| [456] | train-rmse:0.109853 | eval-rmse:0.121849 | train-rmspe:0.144248 | eval-rmspe:0.126536 |
| [457] | train-rmse:0.109772 | eval-rmse:0.121805 | train-rmspe:0.144117 | eval-rmspe:0.126489 |

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| [458] | train-rmse:0.10971 -rmspe:0.126421 | eval-rmse:0.121747 | train-rmspe:0.144061 | eval |
| [459] | train-rmse:0.109631 -rmspe:0.126339 | eval-rmse:0.121673 | train-rmspe:0.143996 | eval |
| [460] | train-rmse:0.109544 -rmspe:0.126271 | eval-rmse:0.121615 | train-rmspe:0.143913 | eval |
| [461] | train-rmse:0.109446 -rmspe:0.126157 | eval-rmse:0.121548 | train-rmspe:0.143818 | eval |
| [462] | train-rmse:0.109421 -rmspe:0.126132 | eval-rmse:0.121517 | train-rmspe:0.143801 | eval |
| [463] | train-rmse:0.109376 -rmspe:0.126092 | eval-rmse:0.121474 | train-rmspe:0.142848 | eval |
| [464] | train-rmse:0.109251 -rmspe:0.126008 | eval-rmse:0.121388 | train-rmspe:0.14274 | eval |
| [465] | train-rmse:0.109131 -rmspe:0.125906 | eval-rmse:0.121299 | train-rmspe:0.142633 | eval |
| [466] | train-rmse:0.109072 -rmspe:0.125862 | eval-rmse:0.121263 | train-rmspe:0.142584 | eval |
| [467] | train-rmse:0.108968 -rmspe:0.125787 | eval-rmse:0.121186 | train-rmspe:0.142469 | eval |
| [468] | train-rmse:0.10889 -rmspe:0.12568 | eval-rmse:0.121101 | train-rmspe:0.142398 | eval |
| [469] | train-rmse:0.108824 -rmspe:0.125606 | eval-rmse:0.121056 | train-rmspe:0.142333 | eval |
| [470] | train-rmse:0.108698 -rmspe:0.125464 | eval-rmse:0.120943 | train-rmspe:0.142219 | eval |
| [471] | train-rmse:0.108652 -rmspe:0.125407 | eval-rmse:0.120889 | train-rmspe:0.142165 | eval |
| [472] | train-rmse:0.108507 -rmspe:0.125244 | eval-rmse:0.120774 | train-rmspe:0.14203 | eval |
| [473] | train-rmse:0.108423 -rmspe:0.125151 | eval-rmse:0.12069 | train-rmspe:0.141898 | eval |
| [474] | train-rmse:0.108382 -rmspe:0.125139 | eval-rmse:0.12068 | train-rmspe:0.141124 | eval |
| [475] | train-rmse:0.108332 -rmspe:0.125087 | eval-rmse:0.120631 | train-rmspe:0.141083 | eval |
| [476] | train-rmse:0.108226 -rmspe:0.125009 | eval-rmse:0.120565 | train-rmspe:0.140951 | eval |
| [477] | train-rmse:0.108048 -rmspe:0.124852 | eval-rmse:0.120434 | train-rmspe:0.140783 | eval |
| [478] | train-rmse:0.10801 -rmspe:0.124822 | eval-rmse:0.120404 | train-rmspe:0.140751 | eval |
| [479] | train-rmse:0.107953 -rmspe:0.124789 | eval-rmse:0.120381 | train-rmspe:0.140642 | eval |

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| [480] | train-rmse:0.107784 | eval-rmse:0.120245 | train-rmspe:0.140487 | eval-rmspe:0.124613 |
| [481] | train-rmse:0.107707 | eval-rmse:0.120191 | train-rmspe:0.140259 | eval-rmspe:0.124553 |
| [482] | train-rmse:0.107635 | eval-rmse:0.12008 | train-rmspe:0.14019 | eval-rmspe:0.124409 |
| [483] | train-rmse:0.107567 | eval-rmse:0.120034 | train-rmspe:0.140131 | eval-rmspe:0.124351 |
| [484] | train-rmse:0.10751 | eval-rmse:0.119963 | train-rmspe:0.140075 | eval-rmspe:0.124245 |
| [485] | train-rmse:0.107443 | eval-rmse:0.119841 | train-rmspe:0.140016 | eval-rmspe:0.124133 |
| [486] | train-rmse:0.107356 | eval-rmse:0.119764 | train-rmspe:0.139942 | eval-rmspe:0.124053 |
| [487] | train-rmse:0.107265 | eval-rmse:0.119711 | train-rmspe:0.139863 | eval-rmspe:0.123982 |
| [488] | train-rmse:0.107247 | eval-rmse:0.119702 | train-rmspe:0.139822 | eval-rmspe:0.123972 |
| [489] | train-rmse:0.107144 | eval-rmse:0.119606 | train-rmspe:0.139735 | eval-rmspe:0.12386 |
| [490] | train-rmse:0.107084 | eval-rmse:0.119568 | train-rmspe:0.139671 | eval-rmspe:0.123815 |
| [491] | train-rmse:0.10702 | eval-rmse:0.119487 | train-rmspe:0.13961 | eval-rmspe:0.123688 |
| [492] | train-rmse:0.106953 | eval-rmse:0.119461 | train-rmspe:0.139553 | eval-rmspe:0.123658 |
| [493] | train-rmse:0.106851 | eval-rmse:0.119402 | train-rmspe:0.139458 | eval-rmspe:0.123594 |
| [494] | train-rmse:0.106806 | eval-rmse:0.119374 | train-rmspe:0.139269 | eval-rmspe:0.123556 |
| [495] | train-rmse:0.106722 | eval-rmse:0.119295 | train-rmspe:0.139195 | eval-rmspe:0.123482 |
| [496] | train-rmse:0.106682 | eval-rmse:0.119214 | train-rmspe:0.139159 | eval-rmspe:0.123402 |
| [497] | train-rmse:0.106462 | eval-rmse:0.119038 | train-rmspe:0.138974 | eval-rmspe:0.123214 |
| [498] | train-rmse:0.106365 | eval-rmse:0.11896 | train-rmspe:0.138879 | eval-rmspe:0.123115 |
| [499] | train-rmse:0.10635 | eval-rmse:0.118943 | train-rmspe:0.138862 | eval-rmspe:0.123095 |
| [500] | train-rmse:0.106277 | eval-rmse:0.118891 | train-rmspe:0.138794 | eval-rmspe:0.123035 |
| [501] | train-rmse:0.106175 | eval-rmse:0.118806 | train-rmspe:0.138708 | eval-rmspe:0.122944 |

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| [502] | train-rmse:0.106084 | eval-rmse:0.118724 | train-rmspe:0.138628 | eval-rmspe:0.12286 |
| [503] | train-rmse:0.106039 | eval-rmse:0.118687 | train-rmspe:0.138597 | eval-rmspe:0.12282 |
| [504] | train-rmse:0.105961 | eval-rmse:0.118614 | train-rmspe:0.138521 | eval-rmspe:0.122753 |
| [505] | train-rmse:0.105908 | eval-rmse:0.118594 | train-rmspe:0.138386 | eval-rmspe:0.122738 |
| [506] | train-rmse:0.105826 | eval-rmse:0.118522 | train-rmspe:0.138316 | eval-rmspe:0.12266 |
| [507] | train-rmse:0.105771 | eval-rmse:0.11847 | train-rmspe:0.138248 | eval-rmspe:0.122601 |
| [508] | train-rmse:0.105694 | eval-rmse:0.118407 | train-rmspe:0.138175 | eval-rmspe:0.122529 |
| [509] | train-rmse:0.105568 | eval-rmse:0.118287 | train-rmspe:0.138003 | eval-rmspe:0.122411 |
| [510] | train-rmse:0.105509 | eval-rmse:0.118223 | train-rmspe:0.13776 | eval-rmspe:0.122327 |
| [511] | train-rmse:0.105478 | eval-rmse:0.118201 | train-rmspe:0.137728 | eval-rmspe:0.122305 |
| [512] | train-rmse:0.105396 | eval-rmse:0.118135 | train-rmspe:0.137661 | eval-rmspe:0.122232 |
| [513] | train-rmse:0.105184 | eval-rmse:0.117969 | train-rmspe:0.137481 | eval-rmspe:0.122036 |
| [514] | train-rmse:0.105128 | eval-rmse:0.117931 | train-rmspe:0.137437 | eval-rmspe:0.121987 |
| [515] | train-rmse:0.105057 | eval-rmse:0.117892 | train-rmspe:0.137375 | eval-rmspe:0.12195 |
| [516] | train-rmse:0.104987 | eval-rmse:0.117849 | train-rmspe:0.137315 | eval-rmspe:0.121901 |
| [517] | train-rmse:0.104912 | eval-rmse:0.117749 | train-rmspe:0.137243 | eval-rmspe:0.121809 |
| [518] | train-rmse:0.104819 | eval-rmse:0.117689 | train-rmspe:0.137141 | eval-rmspe:0.121743 |
| [519] | train-rmse:0.104682 | eval-rmse:0.117663 | train-rmspe:0.136984 | eval-rmspe:0.12173 |
| [520] | train-rmse:0.104633 | eval-rmse:0.117604 | train-rmspe:0.13693 | eval-rmspe:0.121668 |
| [521] | train-rmse:0.104527 | eval-rmse:0.117507 | train-rmspe:0.136818 | eval-rmspe:0.121557 |
| [522] | train-rmse:0.104471 | eval-rmse:0.117476 | train-rmspe:0.136768 | eval-rmspe:0.121522 |
| [523] | train-rmse:0.104332 | eval-rmse:0.117377 | train-rmspe:0.136639 | eval-rmspe:0.121404 |

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| [526] | train-rmse:0.104102 | eval-rmse:0.117144 | train-rmspe:0.136405 | eval-rmspe:0.121153 |
| [527] | train-rmse:0.104069 | eval-rmse:0.117073 | train-rmspe:0.136378 | eval-rmspe:0.121087 |
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| [529] | train-rmse:0.103905 | eval-rmse:0.116899 | train-rmspe:0.136179 | eval-rmspe:0.12088 |
| [530] | train-rmse:0.103839 | eval-rmse:0.116894 | train-rmspe:0.136107 | eval-rmspe:0.120869 |
| [531] | train-rmse:0.103773 | eval-rmse:0.116764 | train-rmspe:0.136042 | eval-rmspe:0.120742 |
| [532] | train-rmse:0.103664 | eval-rmse:0.116676 | train-rmspe:0.135924 | eval-rmspe:0.120647 |
| [533] | train-rmse:0.103625 | eval-rmse:0.116639 | train-rmspe:0.13589 | eval-rmspe:0.120611 |
| [534] | train-rmse:0.103598 | eval-rmse:0.116621 | train-rmspe:0.135936 | eval-rmspe:0.120597 |
| [535] | train-rmse:0.103538 | eval-rmse:0.116607 | train-rmspe:0.13586 | eval-rmspe:0.12058 |
| [536] | train-rmse:0.103472 | eval-rmse:0.116524 | train-rmspe:0.135799 | eval-rmspe:0.120489 |
| [537] | train-rmse:0.103405 | eval-rmse:0.116364 | train-rmspe:0.135724 | eval-rmspe:0.120349 |
| [538] | train-rmse:0.103344 | eval-rmse:0.116375 | train-rmspe:0.135626 | eval-rmspe:0.120346 |
| [539] | train-rmse:0.103278 | eval-rmse:0.1163 | train-rmspe:0.135567 | eval-rmspe:0.120274 |
| [540] | train-rmse:0.103243 | eval-rmse:0.11628 | train-rmspe:0.135537 | eval-rmspe:0.120253 |
| [541] | train-rmse:0.103132 | eval-rmse:0.116199 | train-rmspe:0.135135 | eval-rmspe:0.120182 |
| [542] | train-rmse:0.103083 | eval-rmse:0.116168 | train-rmspe:0.135089 | eval-rmspe:0.120147 |
| [543] | train-rmse:0.103005 | eval-rmse:0.116108 | train-rmspe:0.13502 | eval-rmspe:0.120083 |
| [544] | train-rmse:0.102961 | eval-rmse:0.116059 | train-rmspe:0.134982 | eval-rmspe:0.120029 |
| [545] | train-rmse:0.102876 | eval-rmse:0.116011 | train-rmspe:0.134911 | eval-rmspe:0.119986 |

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| [546] | train-rmse:0.102825 | eval-rmse:0.115976 | train-rmspe:0.134866 | eval-rmspe:0.119944 |
| [547] | train-rmse:0.102801 | eval-rmse:0.115953 | train-rmspe:0.134846 | eval-rmspe:0.119916 |
| [548] | train-rmse:0.102732 | eval-rmse:0.115886 | train-rmspe:0.134782 | eval-rmspe:0.119846 |
| [549] | train-rmse:0.102665 | eval-rmse:0.115827 | train-rmspe:0.134712 | eval-rmspe:0.119785 |
| [550] | train-rmse:0.10259 | eval-rmse:0.115801 | train-rmspe:0.134504 | eval-rmspe:0.119759 |
| [551] | train-rmse:0.102476 | eval-rmse:0.115722 | train-rmspe:0.134402 | eval-rmspe:0.119668 |
| [552] | train-rmse:0.102433 | eval-rmse:0.115676 | train-rmspe:0.134328 | eval-rmspe:0.119615 |
| [553] | train-rmse:0.102348 | eval-rmse:0.11562 | train-rmspe:0.134252 | eval-rmspe:0.119549 |
| [554] | train-rmse:0.102291 | eval-rmse:0.115569 | train-rmspe:0.134206 | eval-rmspe:0.11949 |
| [555] | train-rmse:0.102223 | eval-rmse:0.115512 | train-rmspe:0.134145 | eval-rmspe:0.119435 |
| [556] | train-rmse:0.102129 | eval-rmse:0.115441 | train-rmspe:0.134064 | eval-rmspe:0.119352 |
| [557] | train-rmse:0.102085 | eval-rmse:0.115417 | train-rmspe:0.134028 | eval-rmspe:0.119319 |
| [558] | train-rmse:0.10202 | eval-rmse:0.115393 | train-rmspe:0.133973 | eval-rmspe:0.119277 |
| [559] | train-rmse:0.101959 | eval-rmse:0.115388 | train-rmspe:0.133865 | eval-rmspe:0.119269 |
| [560] | train-rmse:0.101897 | eval-rmse:0.115346 | train-rmspe:0.133814 | eval-rmspe:0.119219 |
| [561] | train-rmse:0.101858 | eval-rmse:0.115303 | train-rmspe:0.133772 | eval-rmspe:0.119162 |
| [562] | train-rmse:0.101706 | eval-rmse:0.115195 | train-rmspe:0.133631 | eval-rmspe:0.119026 |
| [563] | train-rmse:0.101637 | eval-rmse:0.115136 | train-rmspe:0.133553 | eval-rmspe:0.118953 |
| [564] | train-rmse:0.101598 | eval-rmse:0.115131 | train-rmspe:0.133517 | eval-rmspe:0.118924 |
| [565] | train-rmse:0.101562 | eval-rmse:0.115105 | train-rmspe:0.133479 | eval-rmspe:0.118896 |
| [566] | train-rmse:0.101519 | eval-rmse:0.115043 | train-rmspe:0.133434 | eval-rmspe:0.118827 |
| [567] | train-rmse:0.101474 | eval-rmse:0.114989 | train-rmspe:0.133395 | eval-rmspe:0.118763 |

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| [568] | train-rmse:0.101439 | eval-rmse:0.114966 | train-rmspe:0.133361 | eval |
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| [569] | train-rmse:0.101418 | eval-rmse:0.114936 | train-rmspe:0.133344 | eval |
| | -rmspe:0.118713 | | | |
| [570] | train-rmse:0.101406 | eval-rmse:0.114925 | train-rmspe:0.133335 | eval |
| | -rmspe:0.118703 | | | |
| [571] | train-rmse:0.101361 | eval-rmse:0.114898 | train-rmspe:0.133275 | eval |
| | -rmspe:0.11867 | | | |
| [572] | train-rmse:0.101326 | eval-rmse:0.114872 | train-rmspe:0.133246 | eval |
| | -rmspe:0.118644 | | | |
| [573] | train-rmse:0.101236 | eval-rmse:0.114804 | train-rmspe:0.133168 | eval |
| | -rmspe:0.118573 | | | |
| [574] | train-rmse:0.10116 | eval-rmse:0.114751 | train-rmspe:0.133116 | eval |
| | -rmspe:0.118527 | | | |
| [575] | train-rmse:0.101135 | eval-rmse:0.114712 | train-rmspe:0.133092 | eval |
| | -rmspe:0.118483 | | | |
| [576] | train-rmse:0.101099 | eval-rmse:0.114677 | train-rmspe:0.13305 | eval |
| | -rmspe:0.118445 | | | |
| [577] | train-rmse:0.101057 | eval-rmse:0.114605 | train-rmspe:0.133019 | eval |
| | -rmspe:0.118371 | | | |
| [578] | train-rmse:0.101031 | eval-rmse:0.114597 | train-rmspe:0.133 | eval |
| | -rmspe:0.118371 | | | |
| [579] | train-rmse:0.101002 | eval-rmse:0.114575 | train-rmspe:0.132976 | eval |
| | -rmspe:0.118342 | | | |
| [580] | train-rmse:0.100928 | eval-rmse:0.114518 | train-rmspe:0.131098 | eval |
| | -rmspe:0.118285 | | | |
| [581] | train-rmse:0.100871 | eval-rmse:0.114493 | train-rmspe:0.130277 | eval |
| | -rmspe:0.118264 | | | |
| [582] | train-rmse:0.100769 | eval-rmse:0.114397 | train-rmspe:0.1302 | eval |
| | -rmspe:0.11816 | | | |
| [583] | train-rmse:0.100726 | eval-rmse:0.114374 | train-rmspe:0.130157 | eval |
| | -rmspe:0.118137 | | | |
| [584] | train-rmse:0.100692 | eval-rmse:0.114338 | train-rmspe:0.130121 | eval |
| | -rmspe:0.118107 | | | |
| [585] | train-rmse:0.10064 | eval-rmse:0.114298 | train-rmspe:0.130072 | eval |
| | -rmspe:0.118068 | | | |
| [586] | train-rmse:0.100562 | eval-rmse:0.11427 | train-rmspe:0.129988 | eval |
| | -rmspe:0.118072 | | | |
| [587] | train-rmse:0.100519 | eval-rmse:0.114221 | train-rmspe:0.129955 | eval |
| | -rmspe:0.118019 | | | |
| [588] | train-rmse:0.100487 | eval-rmse:0.114141 | train-rmspe:0.129926 | eval |
| | -rmspe:0.11793 | | | |
| [589] | train-rmse:0.100439 | eval-rmse:0.114083 | train-rmspe:0.129885 | eval |
| | -rmspe:0.117867 | | | |

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| [590] | train-rmse:0.100372 | eval-rmse:0.114045 | train-rmspe:0.129816 | eval-rmspe:0.117818 |
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| [592] | train-rmse:0.100282 | eval-rmse:0.114003 | train-rmspe:0.129661 | eval-rmspe:0.117765 |
| [593] | train-rmse:0.100223 | eval-rmse:0.113939 | train-rmspe:0.12957 | eval-rmspe:0.117665 |
| [594] | train-rmse:0.10019 | eval-rmse:0.113915 | train-rmspe:0.128897 | eval-rmspe:0.117641 |
| [595] | train-rmse:0.100148 | eval-rmse:0.113916 | train-rmspe:0.128845 | eval-rmspe:0.117666 |
| [596] | train-rmse:0.100049 | eval-rmse:0.113842 | train-rmspe:0.128747 | eval-rmspe:0.117578 |
| [597] | train-rmse:0.099997 | eval-rmse:0.113801 | train-rmspe:0.128701 | eval-rmspe:0.117541 |
| [598] | train-rmse:0.099942 | eval-rmse:0.113787 | train-rmspe:0.128647 | eval-rmspe:0.117518 |
| [599] | train-rmse:0.099857 | eval-rmse:0.113709 | train-rmspe:0.128503 | eval-rmspe:0.117438 |
| [600] | train-rmse:0.099827 | eval-rmse:0.11368 | train-rmspe:0.128476 | eval-rmspe:0.117399 |
| [601] | train-rmse:0.099804 | eval-rmse:0.113665 | train-rmspe:0.128458 | eval-rmspe:0.117379 |
| [602] | train-rmse:0.099762 | eval-rmse:0.113611 | train-rmspe:0.128432 | eval-rmspe:0.117304 |
| [603] | train-rmse:0.099705 | eval-rmse:0.11359 | train-rmspe:0.12838 | eval-rmspe:0.117281 |
| [604] | train-rmse:0.099586 | eval-rmse:0.113507 | train-rmspe:0.128275 | eval-rmspe:0.117175 |
| [605] | train-rmse:0.099547 | eval-rmse:0.113499 | train-rmspe:0.128244 | eval-rmspe:0.117157 |
| [606] | train-rmse:0.09952 | eval-rmse:0.113455 | train-rmspe:0.128223 | eval-rmspe:0.117107 |
| [607] | train-rmse:0.099449 | eval-rmse:0.113399 | train-rmspe:0.1281 | eval-rmspe:0.117049 |
| [608] | train-rmse:0.099392 | eval-rmse:0.113346 | train-rmspe:0.128051 | eval-rmspe:0.116993 |
| [609] | train-rmse:0.099337 | eval-rmse:0.113313 | train-rmspe:0.127995 | eval-rmspe:0.11696 |
| [610] | train-rmse:0.0993 | eval-rmse:0.113276 | train-rmspe:0.127771 | eval-rmspe:0.116925 |
| [611] | train-rmse:0.099268 | eval-rmse:0.11326 | train-rmspe:0.127717 | eval-rmspe:0.116908 |

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| [612] | train-rmse:0.099234 | eval-rmse:0.11323 | train-rmspe:0.127686 | eval-rmspe:0.116887 |
| [613] | train-rmse:0.099215 | eval-rmse:0.113218 | train-rmspe:0.127315 | eval-rmspe:0.116876 |
| [614] | train-rmse:0.099189 | eval-rmse:0.11316 | train-rmspe:0.127294 | eval-rmspe:0.116806 |
| [615] | train-rmse:0.099134 | eval-rmse:0.113126 | train-rmspe:0.127222 | eval-rmspe:0.116769 |
| [616] | train-rmse:0.099114 | eval-rmse:0.11309 | train-rmspe:0.127208 | eval-rmspe:0.116718 |
| [617] | train-rmse:0.099001 | eval-rmse:0.113011 | train-rmspe:0.127077 | eval-rmspe:0.116634 |
| [618] | train-rmse:0.09893 | eval-rmse:0.112947 | train-rmspe:0.126508 | eval-rmspe:0.116566 |
| [619] | train-rmse:0.098815 | eval-rmse:0.112895 | train-rmspe:0.126419 | eval-rmspe:0.116507 |
| [620] | train-rmse:0.098769 | eval-rmse:0.112846 | train-rmspe:0.126375 | eval-rmspe:0.116457 |
| [621] | train-rmse:0.098699 | eval-rmse:0.112804 | train-rmspe:0.126308 | eval-rmspe:0.11641 |
| [622] | train-rmse:0.098623 | eval-rmse:0.11276 | train-rmspe:0.126237 | eval-rmspe:0.116364 |
| [623] | train-rmse:0.098565 | eval-rmse:0.112731 | train-rmspe:0.126172 | eval-rmspe:0.116336 |
| [624] | train-rmse:0.098495 | eval-rmse:0.112683 | train-rmspe:0.126112 | eval-rmspe:0.116278 |
| [625] | train-rmse:0.098438 | eval-rmse:0.112637 | train-rmspe:0.126054 | eval-rmspe:0.116225 |
| [626] | train-rmse:0.098418 | eval-rmse:0.112628 | train-rmspe:0.126021 | eval-rmspe:0.116219 |
| [627] | train-rmse:0.098364 | eval-rmse:0.112567 | train-rmspe:0.125968 | eval-rmspe:0.116164 |
| [628] | train-rmse:0.098324 | eval-rmse:0.112543 | train-rmspe:0.125911 | eval-rmspe:0.116136 |
| [629] | train-rmse:0.098306 | eval-rmse:0.112528 | train-rmspe:0.125895 | eval-rmspe:0.11612 |
| [630] | train-rmse:0.098263 | eval-rmse:0.112465 | train-rmspe:0.125859 | eval-rmspe:0.11606 |
| [631] | train-rmse:0.098248 | eval-rmse:0.112424 | train-rmspe:0.125852 | eval-rmspe:0.116025 |
| [632] | train-rmse:0.098189 | eval-rmse:0.112384 | train-rmspe:0.125795 | eval-rmspe:0.115988 |
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| [634] | train-rmse:0.098059 | eval-rmse:0.112292 | train-rmspe:0.125667 | eval-rmspe:0.115888 |
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| [636] | train-rmse:0.097975 | eval-rmse:0.112235 | train-rmspe:0.125588 | eval-rmspe:0.115833 |
| [637] | train-rmse:0.097892 | eval-rmse:0.112172 | train-rmspe:0.125473 | eval-rmspe:0.115765 |
| [638] | train-rmse:0.097862 | eval-rmse:0.112155 | train-rmspe:0.125427 | eval-rmspe:0.115752 |
| [639] | train-rmse:0.097841 | eval-rmse:0.112135 | train-rmspe:0.125408 | eval-rmspe:0.11573 |
| [640] | train-rmse:0.097801 | eval-rmse:0.112099 | train-rmspe:0.12537 | eval-rmspe:0.115693 |
| [641] | train-rmse:0.097738 | eval-rmse:0.112034 | train-rmspe:0.125306 | eval-rmspe:0.115616 |
| [642] | train-rmse:0.097684 | eval-rmse:0.111976 | train-rmspe:0.125255 | eval-rmspe:0.115556 |
| [643] | train-rmse:0.097609 | eval-rmse:0.111913 | train-rmspe:0.125182 | eval-rmspe:0.115485 |
| [644] | train-rmse:0.097539 | eval-rmse:0.111875 | train-rmspe:0.125121 | eval-rmspe:0.115446 |
| [645] | train-rmse:0.0975 | eval-rmse:0.11184 | train-rmspe:0.125088 | eval-rmspe:0.115409 |
| [646] | train-rmse:0.097465 | eval-rmse:0.111814 | train-rmspe:0.125045 | eval-rmspe:0.115381 |
| [647] | train-rmse:0.097421 | eval-rmse:0.111783 | train-rmspe:0.124435 | eval-rmspe:0.11535 |
| [648] | train-rmse:0.097329 | eval-rmse:0.111725 | train-rmspe:0.124321 | eval-rmspe:0.11529 |
| [649] | train-rmse:0.097292 | eval-rmse:0.111692 | train-rmspe:0.124068 | eval-rmspe:0.115255 |
| [650] | train-rmse:0.097274 | eval-rmse:0.11168 | train-rmspe:0.124052 | eval-rmspe:0.115245 |
| [651] | train-rmse:0.097224 | eval-rmse:0.111682 | train-rmspe:0.123984 | eval-rmspe:0.115243 |
| [652] | train-rmse:0.097163 | eval-rmse:0.111625 | train-rmspe:0.123934 | eval-rmspe:0.115171 |
| [653] | train-rmse:0.097061 | eval-rmse:0.111531 | train-rmspe:0.123832 | eval-rmspe:0.115073 |
| [654] | train-rmse:0.097006 | eval-rmse:0.111495 | train-rmspe:0.123782 | eval-rmspe:0.115025 |
| [655] | train-rmse:0.096938 | eval-rmse:0.111455 | train-rmspe:0.123676 | eval-rmspe:0.114979 |

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| [656] | train-rmse:0.0969 -rmspe:0.114942 | eval-rmse:0.111419 | train-rmspe:0.123637 | eval |
| [657] | train-rmse:0.096861 -rmspe:0.114896 | eval-rmse:0.111366 | train-rmspe:0.123603 | eval |
| [658] | train-rmse:0.096835 -rmspe:0.114879 | eval-rmse:0.111347 | train-rmspe:0.123547 | eval |
| [659] | train-rmse:0.096798 -rmspe:0.114896 | eval-rmse:0.111337 | train-rmspe:0.123499 | eval |
| [660] | train-rmse:0.096735 -rmspe:0.114913 | eval-rmse:0.111337 | train-rmspe:0.123388 | eval |
| [661] | train-rmse:0.096696 -rmspe:0.114935 | eval-rmse:0.111332 | train-rmspe:0.123345 | eval |
| [662] | train-rmse:0.096676 -rmspe:0.11489 | eval-rmse:0.111285 | train-rmspe:0.123325 | eval |
| [663] | train-rmse:0.096608 -rmspe:0.114832 | eval-rmse:0.111234 | train-rmspe:0.123264 | eval |
| [664] | train-rmse:0.096559 -rmspe:0.114779 | eval-rmse:0.111207 | train-rmspe:0.123207 | eval |
| [665] | train-rmse:0.096517 -rmspe:0.114713 | eval-rmse:0.111157 | train-rmspe:0.123173 | eval |
| [666] | train-rmse:0.096473 -rmspe:0.114639 | eval-rmse:0.111096 | train-rmspe:0.123133 | eval |
| [667] | train-rmse:0.096439 -rmspe:0.114621 | eval-rmse:0.111074 | train-rmspe:0.123096 | eval |
| [668] | train-rmse:0.096392 -rmspe:0.114583 | eval-rmse:0.111041 | train-rmspe:0.123052 | eval |
| [669] | train-rmse:0.09634 -rmspe:0.114552 | eval-rmse:0.111012 | train-rmspe:0.121466 | eval |
| [670] | train-rmse:0.096323 -rmspe:0.114534 | eval-rmse:0.110997 | train-rmspe:0.121451 | eval |
| [671] | train-rmse:0.096258 -rmspe:0.114437 | eval-rmse:0.110932 | train-rmspe:0.121391 | eval |
| [672] | train-rmse:0.096234 -rmspe:0.114407 | eval-rmse:0.110909 | train-rmspe:0.121367 | eval |
| [673] | train-rmse:0.096176 -rmspe:0.114376 | eval-rmse:0.11088 | train-rmspe:0.121249 | eval |
| [674] | train-rmse:0.096141 -rmspe:0.114358 | eval-rmse:0.110862 | train-rmspe:0.12122 | eval |
| [675] | train-rmse:0.096109 -rmspe:0.114347 | eval-rmse:0.110852 | train-rmspe:0.121183 | eval |
| [676] | train-rmse:0.096048 -rmspe:0.114314 | eval-rmse:0.110827 | train-rmspe:0.12112 | eval |
| [677] | train-rmse:0.095979 -rmspe:0.114272 | eval-rmse:0.110789 | train-rmspe:0.121056 | eval |

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| [678] | train-rmse:0.095924 | eval-rmse:0.110764 | train-rmspe:0.121003 | eval-rmspe:0.114237 |
| [679] | train-rmse:0.095882 | eval-rmse:0.110749 | train-rmspe:0.120951 | eval-rmspe:0.114221 |
| [680] | train-rmse:0.095802 | eval-rmse:0.1107 | train-rmspe:0.120877 | eval-rmspe:0.114169 |
| [681] | train-rmse:0.095781 | eval-rmse:0.110686 | train-rmspe:0.120856 | eval-rmspe:0.114154 |
| [682] | train-rmse:0.09575 | eval-rmse:0.110672 | train-rmspe:0.120811 | eval-rmspe:0.114139 |
| [683] | train-rmse:0.095715 | eval-rmse:0.110629 | train-rmspe:0.120783 | eval-rmspe:0.114097 |
| [684] | train-rmse:0.095675 | eval-rmse:0.110595 | train-rmspe:0.120748 | eval-rmspe:0.114059 |
| [685] | train-rmse:0.095609 | eval-rmse:0.110553 | train-rmspe:0.120701 | eval-rmspe:0.114012 |
| [686] | train-rmse:0.095586 | eval-rmse:0.110538 | train-rmspe:0.120676 | eval-rmspe:0.114003 |
| [687] | train-rmse:0.095554 | eval-rmse:0.110517 | train-rmspe:0.120259 | eval-rmspe:0.11398 |
| [688] | train-rmse:0.09552 | eval-rmse:0.110492 | train-rmspe:0.120222 | eval-rmspe:0.113954 |
| [689] | train-rmse:0.095487 | eval-rmse:0.110461 | train-rmspe:0.120191 | eval-rmspe:0.113918 |
| [690] | train-rmse:0.095461 | eval-rmse:0.110415 | train-rmspe:0.120168 | eval-rmspe:0.113859 |
| [691] | train-rmse:0.095448 | eval-rmse:0.110411 | train-rmspe:0.120155 | eval-rmspe:0.113852 |
| [692] | train-rmse:0.095423 | eval-rmse:0.110401 | train-rmspe:0.120132 | eval-rmspe:0.11384 |
| [693] | train-rmse:0.095374 | eval-rmse:0.110374 | train-rmspe:0.120085 | eval-rmspe:0.113811 |
| [694] | train-rmse:0.095299 | eval-rmse:0.110361 | train-rmspe:0.119965 | eval-rmspe:0.113796 |
| [695] | train-rmse:0.095267 | eval-rmse:0.110327 | train-rmspe:0.119917 | eval-rmspe:0.113765 |
| [696] | train-rmse:0.095182 | eval-rmse:0.110259 | train-rmspe:0.119818 | eval-rmspe:0.113674 |
| [697] | train-rmse:0.095114 | eval-rmse:0.110212 | train-rmspe:0.119733 | eval-rmspe:0.113619 |
| [698] | train-rmse:0.095075 | eval-rmse:0.110194 | train-rmspe:0.119358 | eval-rmspe:0.113606 |
| [699] | train-rmse:0.095037 | eval-rmse:0.110156 | train-rmspe:0.119323 | eval-rmspe:0.113592 |

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| [700] | train-rmse:0.095021 -rmspe:0.113631 | eval-rmse:0.110187 | train-rmspe:0.119314 | eval |
| [701] | train-rmse:0.095002 -rmspe:0.113616 | eval-rmse:0.110172 | train-rmspe:0.119296 | eval |
| [702] | train-rmse:0.094962 -rmspe:0.113566 | eval-rmse:0.110135 | train-rmspe:0.119262 | eval |
| [703] | train-rmse:0.09494 -rmspe:0.113552 | eval-rmse:0.110122 | train-rmspe:0.119243 | eval |
| [704] | train-rmse:0.094905 -rmspe:0.113531 | eval-rmse:0.110104 | train-rmspe:0.119207 | eval |
| [705] | train-rmse:0.094864 -rmspe:0.113504 | eval-rmse:0.110079 | train-rmspe:0.119171 | eval |
| [706] | train-rmse:0.094857 -rmspe:0.113481 | eval-rmse:0.110051 | train-rmspe:0.119165 | eval |
| [707] | train-rmse:0.094833 -rmspe:0.113457 | eval-rmse:0.11003 | train-rmspe:0.119143 | eval |
| [708] | train-rmse:0.094814 -rmspe:0.113438 | eval-rmse:0.110012 | train-rmspe:0.119126 | eval |
| [709] | train-rmse:0.094784 -rmspe:0.113376 | eval-rmse:0.109956 | train-rmspe:0.119065 | eval |
| [710] | train-rmse:0.094736 -rmspe:0.113328 | eval-rmse:0.10992 | train-rmspe:0.119025 | eval |
| [711] | train-rmse:0.09471 -rmspe:0.113311 | eval-rmse:0.109905 | train-rmspe:0.119003 | eval |
| [712] | train-rmse:0.094663 -rmspe:0.11327 | eval-rmse:0.109861 | train-rmspe:0.118964 | eval |
| [713] | train-rmse:0.094589 -rmspe:0.113219 | eval-rmse:0.109816 | train-rmspe:0.118892 | eval |
| [714] | train-rmse:0.094529 -rmspe:0.113175 | eval-rmse:0.109779 | train-rmspe:0.118829 | eval |
| [715] | train-rmse:0.094488 -rmspe:0.113168 | eval-rmse:0.10977 | train-rmspe:0.118768 | eval |
| [716] | train-rmse:0.094461 -rmspe:0.113165 | eval-rmse:0.109767 | train-rmspe:0.118743 | eval |
| [717] | train-rmse:0.094385 -rmspe:0.113149 | eval-rmse:0.109749 | train-rmspe:0.118346 | eval |
| [718] | train-rmse:0.094351 -rmspe:0.113119 | eval-rmse:0.10972 | train-rmspe:0.118311 | eval |
| [719] | train-rmse:0.094289 -rmspe:0.113082 | eval-rmse:0.109685 | train-rmspe:0.118283 | eval |
| [720] | train-rmse:0.094261 -rmspe:0.113066 | eval-rmse:0.109667 | train-rmspe:0.118249 | eval |
| [721] | train-rmse:0.09422 -rmspe:0.113052 | eval-rmse:0.109659 | train-rmspe:0.118213 | eval |

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| [722] | train-rmse:0.094181 | eval-rmse:0.109628 | train-rmspe:0.118163 | eval-rmspe:0.113019 |
| [723] | train-rmse:0.094151 | eval-rmse:0.109612 | train-rmspe:0.11813 | eval-rmspe:0.112998 |
| [724] | train-rmse:0.094107 | eval-rmse:0.109581 | train-rmspe:0.118089 | eval-rmspe:0.11296 |
| [725] | train-rmse:0.094031 | eval-rmse:0.109536 | train-rmspe:0.118013 | eval-rmspe:0.11291 |
| [726] | train-rmse:0.094004 | eval-rmse:0.109527 | train-rmspe:0.117986 | eval-rmspe:0.112896 |
| [727] | train-rmse:0.093962 | eval-rmse:0.109513 | train-rmspe:0.117948 | eval-rmspe:0.112884 |
| [728] | train-rmse:0.093927 | eval-rmse:0.109477 | train-rmspe:0.11792 | eval-rmspe:0.112847 |
| [729] | train-rmse:0.09391 | eval-rmse:0.109467 | train-rmspe:0.117891 | eval-rmspe:0.112843 |
| [730] | train-rmse:0.093886 | eval-rmse:0.10945 | train-rmspe:0.117869 | eval-rmspe:0.112827 |
| [731] | train-rmse:0.093852 | eval-rmse:0.10944 | train-rmspe:0.117825 | eval-rmspe:0.11282 |
| [732] | train-rmse:0.093828 | eval-rmse:0.109416 | train-rmspe:0.117807 | eval-rmspe:0.112796 |
| [733] | train-rmse:0.093767 | eval-rmse:0.109358 | train-rmspe:0.117527 | eval-rmspe:0.112739 |
| [734] | train-rmse:0.093727 | eval-rmse:0.109336 | train-rmspe:0.117488 | eval-rmspe:0.112716 |
| [735] | train-rmse:0.093706 | eval-rmse:0.109307 | train-rmspe:0.117523 | eval-rmspe:0.112689 |
| [736] | train-rmse:0.093648 | eval-rmse:0.109243 | train-rmspe:0.117466 | eval-rmspe:0.112623 |
| [737] | train-rmse:0.093589 | eval-rmse:0.109187 | train-rmspe:0.117416 | eval-rmspe:0.112567 |
| [738] | train-rmse:0.093494 | eval-rmse:0.109118 | train-rmspe:0.117305 | eval-rmspe:0.112495 |
| [739] | train-rmse:0.09347 | eval-rmse:0.109102 | train-rmspe:0.117159 | eval-rmspe:0.112479 |
| [740] | train-rmse:0.093445 | eval-rmse:0.109077 | train-rmspe:0.117125 | eval-rmspe:0.112454 |
| [741] | train-rmse:0.093396 | eval-rmse:0.109034 | train-rmspe:0.117032 | eval-rmspe:0.112396 |
| [742] | train-rmse:0.09334 | eval-rmse:0.109019 | train-rmspe:0.116983 | eval-rmspe:0.112384 |
| [743] | train-rmse:0.093288 | eval-rmse:0.109015 | train-rmspe:0.116923 | eval-rmspe:0.112398 |

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| [744] | train-rmse:0.093276 | eval-rmse:0.109006 | train-rmspe:0.116913 | eval-rmspe:0.112389 |
| [745] | train-rmse:0.093162 | eval-rmse:0.108961 | train-rmspe:0.116808 | eval-rmspe:0.112334 |
| [746] | train-rmse:0.093139 | eval-rmse:0.108947 | train-rmspe:0.11679 | eval-rmspe:0.112328 |
| [747] | train-rmse:0.093118 | eval-rmse:0.10893 | train-rmspe:0.116771 | eval-rmspe:0.112309 |
| [748] | train-rmse:0.093105 | eval-rmse:0.108931 | train-rmspe:0.11676 | eval-rmspe:0.112308 |
| [749] | train-rmse:0.092988 | eval-rmse:0.108857 | train-rmspe:0.116647 | eval-rmspe:0.112229 |
| [750] | train-rmse:0.092926 | eval-rmse:0.108816 | train-rmspe:0.116589 | eval-rmspe:0.112168 |
| [751] | train-rmse:0.092895 | eval-rmse:0.108786 | train-rmspe:0.11656 | eval-rmspe:0.11214 |
| [752] | train-rmse:0.092864 | eval-rmse:0.108806 | train-rmspe:0.116531 | eval-rmspe:0.112174 |
| [753] | train-rmse:0.09281 | eval-rmse:0.108753 | train-rmspe:0.11647 | eval-rmspe:0.112142 |
| [754] | train-rmse:0.092726 | eval-rmse:0.108685 | train-rmspe:0.116386 | eval-rmspe:0.112073 |
| [755] | train-rmse:0.092701 | eval-rmse:0.108678 | train-rmspe:0.116361 | eval-rmspe:0.112067 |
| [756] | train-rmse:0.09267 | eval-rmse:0.108638 | train-rmspe:0.116106 | eval-rmspe:0.112033 |
| [757] | train-rmse:0.092642 | eval-rmse:0.108599 | train-rmspe:0.116082 | eval-rmspe:0.111993 |
| [758] | train-rmse:0.092594 | eval-rmse:0.108569 | train-rmspe:0.116033 | eval-rmspe:0.111959 |
| [759] | train-rmse:0.092558 | eval-rmse:0.108528 | train-rmspe:0.115998 | eval-rmspe:0.111912 |
| [760] | train-rmse:0.092518 | eval-rmse:0.1085 | train-rmspe:0.115962 | eval-rmspe:0.111882 |
| [761] | train-rmse:0.092501 | eval-rmse:0.108503 | train-rmspe:0.11594 | eval-rmspe:0.111879 |
| [762] | train-rmse:0.092491 | eval-rmse:0.108495 | train-rmspe:0.115931 | eval-rmspe:0.111874 |
| [763] | train-rmse:0.092445 | eval-rmse:0.108464 | train-rmspe:0.115888 | eval-rmspe:0.111837 |
| [764] | train-rmse:0.092406 | eval-rmse:0.108455 | train-rmspe:0.11585 | eval-rmspe:0.111825 |
| [765] | train-rmse:0.09237 | eval-rmse:0.108437 | train-rmspe:0.115807 | eval-rmspe:0.111805 |

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| [766] | train-rmse:0.092345 | eval-rmse:0.108422 | train-rmspe:0.115772 | eval-rmspe:0.111788 |
| [767] | train-rmse:0.092297 | eval-rmse:0.108431 | train-rmspe:0.115686 | eval-rmspe:0.111799 |
| [768] | train-rmse:0.092281 | eval-rmse:0.108428 | train-rmspe:0.115667 | eval-rmspe:0.111796 |
| [769] | train-rmse:0.092259 | eval-rmse:0.108412 | train-rmspe:0.115646 | eval-rmspe:0.111779 |
| [770] | train-rmse:0.092208 | eval-rmse:0.108404 | train-rmspe:0.115582 | eval-rmspe:0.111837 |
| [771] | train-rmse:0.092173 | eval-rmse:0.108398 | train-rmspe:0.11555 | eval-rmspe:0.111802 |
| [772] | train-rmse:0.092145 | eval-rmse:0.108383 | train-rmspe:0.115522 | eval-rmspe:0.111784 |
| [773] | train-rmse:0.09209 | eval-rmse:0.10835 | train-rmspe:0.115471 | eval-rmspe:0.111748 |
| [774] | train-rmse:0.092076 | eval-rmse:0.10834 | train-rmspe:0.115452 | eval-rmspe:0.111735 |
| [775] | train-rmse:0.092035 | eval-rmse:0.108314 | train-rmspe:0.115414 | eval-rmspe:0.111711 |
| [776] | train-rmse:0.091998 | eval-rmse:0.108325 | train-rmspe:0.115383 | eval-rmspe:0.111716 |
| [777] | train-rmse:0.091965 | eval-rmse:0.108318 | train-rmspe:0.115354 | eval-rmspe:0.111718 |
| [778] | train-rmse:0.09193 | eval-rmse:0.10831 | train-rmspe:0.115282 | eval-rmspe:0.111705 |
| [779] | train-rmse:0.091899 | eval-rmse:0.108297 | train-rmspe:0.115242 | eval-rmspe:0.111681 |
| [780] | train-rmse:0.091846 | eval-rmse:0.108264 | train-rmspe:0.115162 | eval-rmspe:0.111644 |
| [781] | train-rmse:0.091815 | eval-rmse:0.108259 | train-rmspe:0.115117 | eval-rmspe:0.111637 |
| [782] | train-rmse:0.091786 | eval-rmse:0.108263 | train-rmspe:0.115072 | eval-rmspe:0.111639 |
| [783] | train-rmse:0.091737 | eval-rmse:0.108231 | train-rmspe:0.115032 | eval-rmspe:0.111602 |
| [784] | train-rmse:0.091709 | eval-rmse:0.108211 | train-rmspe:0.114999 | eval-rmspe:0.11158 |
| [785] | train-rmse:0.091657 | eval-rmse:0.108184 | train-rmspe:0.114946 | eval-rmspe:0.111545 |
| [786] | train-rmse:0.091618 | eval-rmse:0.108194 | train-rmspe:0.114893 | eval-rmspe:0.111543 |
| [787] | train-rmse:0.091597 | eval-rmse:0.108186 | train-rmspe:0.114871 | eval-rmspe:0.111538 |

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| [788] | train-rmse:0.091564 | eval-rmse:0.108123 | train-rmspe:0.114839 | eval |
| | -rmspe:0.111454 | | | |
| [789] | train-rmse:0.091543 | eval-rmse:0.108106 | train-rmspe:0.114825 | eval |
| | -rmspe:0.111436 | | | |
| [790] | train-rmse:0.091513 | eval-rmse:0.108086 | train-rmspe:0.114323 | eval |
| | -rmspe:0.111414 | | | |
| [791] | train-rmse:0.091486 | eval-rmse:0.108069 | train-rmspe:0.114301 | eval |
| | -rmspe:0.111399 | | | |
| [792] | train-rmse:0.091444 | eval-rmse:0.108035 | train-rmspe:0.114259 | eval |
| | -rmspe:0.111365 | | | |
| [793] | train-rmse:0.091437 | eval-rmse:0.108029 | train-rmspe:0.114251 | eval |
| | -rmspe:0.111368 | | | |
| [794] | train-rmse:0.091419 | eval-rmse:0.108001 | train-rmspe:0.11423 | eval |
| | -rmspe:0.111347 | | | |
| [795] | train-rmse:0.091372 | eval-rmse:0.107983 | train-rmspe:0.114134 | eval |
| | -rmspe:0.11133 | | | |
| [796] | train-rmse:0.091325 | eval-rmse:0.107971 | train-rmspe:0.114091 | eval |
| | -rmspe:0.111321 | | | |
| [797] | train-rmse:0.09129 | eval-rmse:0.10795 | train-rmspe:0.11405 | eval |
| | -rmspe:0.111297 | | | |
| [798] | train-rmse:0.091242 | eval-rmse:0.107921 | train-rmspe:0.114001 | eval |
| | -rmspe:0.111266 | | | |
| [799] | train-rmse:0.091193 | eval-rmse:0.107875 | train-rmspe:0.113964 | eval |
| | -rmspe:0.111214 | | | |
| [800] | train-rmse:0.091164 | eval-rmse:0.107881 | train-rmspe:0.113934 | eval |
| | -rmspe:0.111224 | | | |
| [801] | train-rmse:0.091144 | eval-rmse:0.107866 | train-rmspe:0.113899 | eval |
| | -rmspe:0.11121 | | | |
| [802] | train-rmse:0.091116 | eval-rmse:0.107849 | train-rmspe:0.11387 | eval |
| | -rmspe:0.111196 | | | |
| [803] | train-rmse:0.091075 | eval-rmse:0.107814 | train-rmspe:0.113828 | eval |
| | -rmspe:0.111169 | | | |
| [804] | train-rmse:0.091061 | eval-rmse:0.107811 | train-rmspe:0.113816 | eval |
| | -rmspe:0.111166 | | | |
| [805] | train-rmse:0.091043 | eval-rmse:0.107803 | train-rmspe:0.113799 | eval |
| | -rmspe:0.111177 | | | |
| [806] | train-rmse:0.091018 | eval-rmse:0.107793 | train-rmspe:0.113776 | eval |
| | -rmspe:0.111167 | | | |
| [807] | train-rmse:0.091002 | eval-rmse:0.107781 | train-rmspe:0.113743 | eval |
| | -rmspe:0.111153 | | | |
| [808] | train-rmse:0.090957 | eval-rmse:0.107753 | train-rmspe:0.113698 | eval |
| | -rmspe:0.111123 | | | |
| [809] | train-rmse:0.090918 | eval-rmse:0.107724 | train-rmspe:0.113666 | eval |
| | -rmspe:0.111094 | | | |

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| [810] | train-rmse:0.090854 | eval-rmse:0.107694 | train-rmspe:0.113604 | eval |
| | -rmspe:0.111064 | | | |
| [811] | train-rmse:0.090827 | eval-rmse:0.107663 | train-rmspe:0.113582 | eval |
| | -rmspe:0.111037 | | | |
| [812] | train-rmse:0.090803 | eval-rmse:0.107634 | train-rmspe:0.113559 | eval |
| | -rmspe:0.111006 | | | |
| [813] | train-rmse:0.090788 | eval-rmse:0.107637 | train-rmspe:0.113541 | eval |
| | -rmspe:0.111006 | | | |
| [814] | train-rmse:0.090751 | eval-rmse:0.107601 | train-rmspe:0.1135 | eval |
| | -rmspe:0.110984 | | | |
| [815] | train-rmse:0.090728 | eval-rmse:0.107594 | train-rmspe:0.11347 | eval |
| | -rmspe:0.110982 | | | |
| [816] | train-rmse:0.090687 | eval-rmse:0.107562 | train-rmspe:0.113431 | eval |
| | -rmspe:0.110944 | | | |
| [817] | train-rmse:0.090675 | eval-rmse:0.107552 | train-rmspe:0.113421 | eval |
| | -rmspe:0.110933 | | | |
| [818] | train-rmse:0.090613 | eval-rmse:0.107578 | train-rmspe:0.113318 | eval |
| | -rmspe:0.110965 | | | |
| [819] | train-rmse:0.090597 | eval-rmse:0.107561 | train-rmspe:0.113244 | eval |
| | -rmspe:0.110952 | | | |
| [820] | train-rmse:0.090556 | eval-rmse:0.10753 | train-rmspe:0.113204 | eval |
| | -rmspe:0.110918 | | | |
| [821] | train-rmse:0.090516 | eval-rmse:0.107492 | train-rmspe:0.113163 | eval |
| | -rmspe:0.110879 | | | |
| [822] | train-rmse:0.090482 | eval-rmse:0.107472 | train-rmspe:0.113118 | eval |
| | -rmspe:0.110857 | | | |
| [823] | train-rmse:0.090465 | eval-rmse:0.107468 | train-rmspe:0.113106 | eval |
| | -rmspe:0.110854 | | | |
| [824] | train-rmse:0.090407 | eval-rmse:0.107446 | train-rmspe:0.113051 | eval |
| | -rmspe:0.110829 | | | |
| [825] | train-rmse:0.090328 | eval-rmse:0.107413 | train-rmspe:0.112909 | eval |
| | -rmspe:0.110794 | | | |
| [826] | train-rmse:0.090305 | eval-rmse:0.107404 | train-rmspe:0.112886 | eval |
| | -rmspe:0.110785 | | | |
| [827] | train-rmse:0.090286 | eval-rmse:0.107409 | train-rmspe:0.112852 | eval |
| | -rmspe:0.110785 | | | |
| [828] | train-rmse:0.090245 | eval-rmse:0.107386 | train-rmspe:0.112816 | eval |
| | -rmspe:0.110746 | | | |
| [829] | train-rmse:0.090195 | eval-rmse:0.107356 | train-rmspe:0.112764 | eval |
| | -rmspe:0.110715 | | | |
| [830] | train-rmse:0.090168 | eval-rmse:0.107354 | train-rmspe:0.112721 | eval |
| | -rmspe:0.110713 | | | |
| [831] | train-rmse:0.090137 | eval-rmse:0.107336 | train-rmspe:0.112693 | eval |
| | -rmspe:0.110697 | | | |

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| [832] | train-rmse:0.090117 -rmspe:0.110695 | eval-rmse:0.107348 | train-rmspe:0.112679 | eval |
| [833] | train-rmse:0.090089 -rmspe:0.11067 | eval-rmse:0.107324 | train-rmspe:0.112654 | eval |
| [834] | train-rmse:0.090064 -rmspe:0.110636 | eval-rmse:0.107302 | train-rmspe:0.112628 | eval |
| [835] | train-rmse:0.090023 -rmspe:0.110618 | eval-rmse:0.107286 | train-rmspe:0.112589 | eval |
| [836] | train-rmse:0.089979 -rmspe:0.110586 | eval-rmse:0.107258 | train-rmspe:0.112547 | eval |
| [837] | train-rmse:0.089943 -rmspe:0.110568 | eval-rmse:0.107242 | train-rmspe:0.112508 | eval |
| [838] | train-rmse:0.089909 -rmspe:0.110534 | eval-rmse:0.107212 | train-rmspe:0.112457 | eval |
| [839] | train-rmse:0.089893 -rmspe:0.110543 | eval-rmse:0.107204 | train-rmspe:0.112443 | eval |
| [840] | train-rmse:0.089831 -rmspe:0.110509 | eval-rmse:0.107173 | train-rmspe:0.112374 | eval |
| [841] | train-rmse:0.089811 -rmspe:0.110511 | eval-rmse:0.107176 | train-rmspe:0.112355 | eval |
| [842] | train-rmse:0.089795 -rmspe:0.110493 | eval-rmse:0.107161 | train-rmspe:0.112343 | eval |
| [843] | train-rmse:0.089755 -rmspe:0.1105 | eval-rmse:0.107156 | train-rmspe:0.112305 | eval |
| [844] | train-rmse:0.089696 -rmspe:0.11048 | eval-rmse:0.107147 | train-rmspe:0.112179 | eval |
| [845] | train-rmse:0.089673 -rmspe:0.110474 | eval-rmse:0.10714 | train-rmspe:0.112146 | eval |
| [846] | train-rmse:0.08964 -rmspe:0.110451 | eval-rmse:0.107128 | train-rmspe:0.112097 | eval |
| [847] | train-rmse:0.089589 -rmspe:0.110423 | eval-rmse:0.107101 | train-rmspe:0.112049 | eval |
| [848] | train-rmse:0.089574 -rmspe:0.110416 | eval-rmse:0.107093 | train-rmspe:0.112033 | eval |
| [849] | train-rmse:0.08954 -rmspe:0.110395 | eval-rmse:0.107074 | train-rmspe:0.112005 | eval |
| [850] | train-rmse:0.089498 -rmspe:0.110373 | eval-rmse:0.107055 | train-rmspe:0.111964 | eval |
| [851] | train-rmse:0.08947 -rmspe:0.110327 | eval-rmse:0.107018 | train-rmspe:0.111938 | eval |
| [852] | train-rmse:0.089429 -rmspe:0.110313 | eval-rmse:0.107003 | train-rmspe:0.111888 | eval |
| [853] | train-rmse:0.089398 -rmspe:0.110306 | eval-rmse:0.106997 | train-rmspe:0.111849 | eval |

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| [854] | train-rmse:0.089328 | eval-rmse:0.106957 | train-rmspe:0.111782 | eval-rmspe:0.110265 |
| [855] | train-rmse:0.08931 | eval-rmse:0.106951 | train-rmspe:0.111765 | eval-rmspe:0.110259 |
| [856] | train-rmse:0.089281 | eval-rmse:0.106933 | train-rmspe:0.111738 | eval-rmspe:0.11024 |
| [857] | train-rmse:0.089261 | eval-rmse:0.106914 | train-rmspe:0.111717 | eval-rmspe:0.110223 |
| [858] | train-rmse:0.089238 | eval-rmse:0.106909 | train-rmspe:0.111693 | eval-rmspe:0.110215 |
| [859] | train-rmse:0.08922 | eval-rmse:0.106919 | train-rmspe:0.111667 | eval-rmspe:0.110224 |
| [860] | train-rmse:0.089193 | eval-rmse:0.106913 | train-rmspe:0.111642 | eval-rmspe:0.110208 |
| [861] | train-rmse:0.08917 | eval-rmse:0.106906 | train-rmspe:0.111503 | eval-rmspe:0.1102 |
| [862] | train-rmse:0.089123 | eval-rmse:0.106883 | train-rmspe:0.111158 | eval-rmspe:0.110176 |
| [863] | train-rmse:0.089081 | eval-rmse:0.106857 | train-rmspe:0.111119 | eval-rmspe:0.11015 |
| [864] | train-rmse:0.089048 | eval-rmse:0.106832 | train-rmspe:0.11109 | eval-rmspe:0.110126 |
| [865] | train-rmse:0.089036 | eval-rmse:0.106848 | train-rmspe:0.111079 | eval-rmspe:0.110137 |
| [866] | train-rmse:0.089006 | eval-rmse:0.106825 | train-rmspe:0.111025 | eval-rmspe:0.11011 |
| [867] | train-rmse:0.088974 | eval-rmse:0.106801 | train-rmspe:0.110998 | eval-rmspe:0.110085 |
| [868] | train-rmse:0.088941 | eval-rmse:0.106785 | train-rmspe:0.110957 | eval-rmspe:0.110075 |
| [869] | train-rmse:0.088905 | eval-rmse:0.106757 | train-rmspe:0.110925 | eval-rmspe:0.110046 |
| [870] | train-rmse:0.088861 | eval-rmse:0.106746 | train-rmspe:0.110859 | eval-rmspe:0.110031 |
| [871] | train-rmse:0.088841 | eval-rmse:0.106739 | train-rmspe:0.110829 | eval-rmspe:0.110024 |
| [872] | train-rmse:0.088809 | eval-rmse:0.10672 | train-rmspe:0.110765 | eval-rmspe:0.110002 |
| [873] | train-rmse:0.088779 | eval-rmse:0.106686 | train-rmspe:0.110737 | eval-rmspe:0.109966 |
| [874] | train-rmse:0.088748 | eval-rmse:0.106671 | train-rmspe:0.110707 | eval-rmspe:0.10995 |
| [875] | train-rmse:0.088709 | eval-rmse:0.106661 | train-rmspe:0.110662 | eval-rmspe:0.109936 |

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| [876] | train-rmse:0.088681 | eval-rmse:0.106641 | train-rmspe:0.110623 | eval |
| | -rmspe:0.109916 | | | |
| [877] | train-rmse:0.088669 | eval-rmse:0.106633 | train-rmspe:0.110403 | eval |
| | -rmspe:0.109909 | | | |
| [878] | train-rmse:0.088622 | eval-rmse:0.106625 | train-rmspe:0.110356 | eval |
| | -rmspe:0.109903 | | | |
| [879] | train-rmse:0.088576 | eval-rmse:0.106567 | train-rmspe:0.110259 | eval |
| | -rmspe:0.109858 | | | |
| [880] | train-rmse:0.088567 | eval-rmse:0.106562 | train-rmspe:0.110251 | eval |
| | -rmspe:0.109856 | | | |
| [881] | train-rmse:0.088562 | eval-rmse:0.106564 | train-rmspe:0.110246 | eval |
| | -rmspe:0.109858 | | | |
| [882] | train-rmse:0.088541 | eval-rmse:0.106553 | train-rmspe:0.11022 | eval |
| | -rmspe:0.10985 | | | |
| [883] | train-rmse:0.088511 | eval-rmse:0.10653 | train-rmspe:0.110186 | eval |
| | -rmspe:0.109831 | | | |
| [884] | train-rmse:0.088484 | eval-rmse:0.10651 | train-rmspe:0.11012 | eval |
| | -rmspe:0.109809 | | | |
| [885] | train-rmse:0.088447 | eval-rmse:0.106487 | train-rmspe:0.110079 | eval |
| | -rmspe:0.109782 | | | |
| [886] | train-rmse:0.088399 | eval-rmse:0.106457 | train-rmspe:0.110031 | eval |
| | -rmspe:0.109752 | | | |
| [887] | train-rmse:0.08838 | eval-rmse:0.106445 | train-rmspe:0.110014 | eval |
| | -rmspe:0.109747 | | | |
| [888] | train-rmse:0.088328 | eval-rmse:0.106409 | train-rmspe:0.10998 | eval |
| | -rmspe:0.109711 | | | |
| [889] | train-rmse:0.088298 | eval-rmse:0.10639 | train-rmspe:0.109951 | eval |
| | -rmspe:0.109689 | | | |
| [890] | train-rmse:0.088272 | eval-rmse:0.106379 | train-rmspe:0.109926 | eval |
| | -rmspe:0.109681 | | | |
| [891] | train-rmse:0.088239 | eval-rmse:0.106371 | train-rmspe:0.109879 | eval |
| | -rmspe:0.109675 | | | |
| [892] | train-rmse:0.08821 | eval-rmse:0.106369 | train-rmspe:0.109781 | eval |
| | -rmspe:0.109669 | | | |
| [893] | train-rmse:0.088181 | eval-rmse:0.106337 | train-rmspe:0.109754 | eval |
| | -rmspe:0.109631 | | | |
| [894] | train-rmse:0.088156 | eval-rmse:0.106322 | train-rmspe:0.109733 | eval |
| | -rmspe:0.109617 | | | |
| [895] | train-rmse:0.088143 | eval-rmse:0.10631 | train-rmspe:0.109719 | eval |
| | -rmspe:0.109602 | | | |
| [896] | train-rmse:0.08812 | eval-rmse:0.106297 | train-rmspe:0.109696 | eval |
| | -rmspe:0.109589 | | | |
| [897] | train-rmse:0.088105 | eval-rmse:0.106285 | train-rmspe:0.109682 | eval |
| | -rmspe:0.109574 | | | |

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| [898] | train-rmse:0.088081 -rmspe:0.109567 | eval-rmse:0.106274 | train-rmspe:0.109657 | eval |
| [899] | train-rmse:0.088066 -rmspe:0.109563 | eval-rmse:0.106269 | train-rmspe:0.109643 | eval |
| [900] | train-rmse:0.088046 -rmspe:0.109551 | eval-rmse:0.106261 | train-rmspe:0.109622 | eval |
| [901] | train-rmse:0.088017 -rmspe:0.10953 | eval-rmse:0.10624 | train-rmspe:0.109537 | eval |
| [902] | train-rmse:0.087994 -rmspe:0.109522 | eval-rmse:0.106246 | train-rmspe:0.109508 | eval |
| [903] | train-rmse:0.087965 -rmspe:0.109517 | eval-rmse:0.106226 | train-rmspe:0.109485 | eval |
| [904] | train-rmse:0.087947 -rmspe:0.109509 | eval-rmse:0.10622 | train-rmspe:0.109469 | eval |
| [905] | train-rmse:0.087941 -rmspe:0.109492 | eval-rmse:0.106205 | train-rmspe:0.109464 | eval |
| [906] | train-rmse:0.087928 -rmspe:0.109485 | eval-rmse:0.1062 | train-rmspe:0.109453 | eval |
| [907] | train-rmse:0.087902 -rmspe:0.109472 | eval-rmse:0.10619 | train-rmspe:0.109421 | eval |
| [908] | train-rmse:0.087857 -rmspe:0.109441 | eval-rmse:0.106163 | train-rmspe:0.109375 | eval |
| [909] | train-rmse:0.087845 -rmspe:0.109428 | eval-rmse:0.106155 | train-rmspe:0.109363 | eval |
| [910] | train-rmse:0.087817 -rmspe:0.10943 | eval-rmse:0.106148 | train-rmspe:0.10934 | eval |
| [911] | train-rmse:0.087798 -rmspe:0.109416 | eval-rmse:0.106135 | train-rmspe:0.109312 | eval |
| [912] | train-rmse:0.087777 -rmspe:0.109404 | eval-rmse:0.106129 | train-rmspe:0.109177 | eval |
| [913] | train-rmse:0.087749 -rmspe:0.109376 | eval-rmse:0.106107 | train-rmspe:0.109149 | eval |
| [914] | train-rmse:0.087725 -rmspe:0.109356 | eval-rmse:0.106091 | train-rmspe:0.10911 | eval |
| [915] | train-rmse:0.087696 -rmspe:0.109333 | eval-rmse:0.106069 | train-rmspe:0.108898 | eval |
| [916] | train-rmse:0.087664 -rmspe:0.109311 | eval-rmse:0.106053 | train-rmspe:0.108868 | eval |
| [917] | train-rmse:0.087633 -rmspe:0.10929 | eval-rmse:0.106027 | train-rmspe:0.108833 | eval |
| [918] | train-rmse:0.087589 -rmspe:0.109264 | eval-rmse:0.106003 | train-rmspe:0.108791 | eval |
| [919] | train-rmse:0.087554 -rmspe:0.109258 | eval-rmse:0.105994 | train-rmspe:0.108754 | eval |

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| [920] | train-rmse:0.087521 | eval-rmse:0.105965 | train-rmspe:0.108724 | eval |
| | -rmspe:0.109228 | | | |
| [921] | train-rmse:0.087465 | eval-rmse:0.105936 | train-rmspe:0.108665 | eval |
| | -rmspe:0.109193 | | | |
| [922] | train-rmse:0.08743 | eval-rmse:0.105917 | train-rmspe:0.108629 | eval |
| | -rmspe:0.109175 | | | |
| [923] | train-rmse:0.087421 | eval-rmse:0.105912 | train-rmspe:0.10862 | eval |
| | -rmspe:0.109164 | | | |
| [924] | train-rmse:0.087388 | eval-rmse:0.1059 | train-rmspe:0.108581 | eval |
| | -rmspe:0.109151 | | | |
| [925] | train-rmse:0.08737 | eval-rmse:0.105889 | train-rmspe:0.108564 | eval |
| | -rmspe:0.109138 | | | |
| [926] | train-rmse:0.087353 | eval-rmse:0.105885 | train-rmspe:0.10844 | eval |
| | -rmspe:0.109133 | | | |
| [927] | train-rmse:0.087325 | eval-rmse:0.105885 | train-rmspe:0.108403 | eval |
| | -rmspe:0.109142 | | | |
| [928] | train-rmse:0.087308 | eval-rmse:0.10588 | train-rmspe:0.108384 | eval |
| | -rmspe:0.109136 | | | |
| [929] | train-rmse:0.087274 | eval-rmse:0.105843 | train-rmspe:0.108327 | eval |
| | -rmspe:0.109094 | | | |
| [930] | train-rmse:0.087258 | eval-rmse:0.105835 | train-rmspe:0.108313 | eval |
| | -rmspe:0.109089 | | | |
| [931] | train-rmse:0.087243 | eval-rmse:0.10583 | train-rmspe:0.108343 | eval |
| | -rmspe:0.109084 | | | |
| [932] | train-rmse:0.087226 | eval-rmse:0.10581 | train-rmspe:0.108322 | eval |
| | -rmspe:0.10907 | | | |
| [933] | train-rmse:0.087206 | eval-rmse:0.105794 | train-rmspe:0.1083 | eval |
| | -rmspe:0.109058 | | | |
| [934] | train-rmse:0.087186 | eval-rmse:0.105787 | train-rmspe:0.108275 | eval |
| | -rmspe:0.109049 | | | |
| [935] | train-rmse:0.087177 | eval-rmse:0.105782 | train-rmspe:0.108266 | eval |
| | -rmspe:0.109042 | | | |
| [936] | train-rmse:0.087151 | eval-rmse:0.105764 | train-rmspe:0.108234 | eval |
| | -rmspe:0.109023 | | | |
| [937] | train-rmse:0.087126 | eval-rmse:0.105742 | train-rmspe:0.108208 | eval |
| | -rmspe:0.109017 | | | |
| [938] | train-rmse:0.087121 | eval-rmse:0.105736 | train-rmspe:0.108203 | eval |
| | -rmspe:0.109011 | | | |
| [939] | train-rmse:0.087098 | eval-rmse:0.105722 | train-rmspe:0.108179 | eval |
| | -rmspe:0.10899 | | | |
| [940] | train-rmse:0.087064 | eval-rmse:0.105708 | train-rmspe:0.10814 | eval |
| | -rmspe:0.108976 | | | |
| [941] | train-rmse:0.087058 | eval-rmse:0.105706 | train-rmspe:0.108137 | eval |
| | -rmspe:0.108973 | | | |

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| [942] | train-rmse:0.087034 | eval-rmse:0.105704 | train-rmspe:0.108094 | eval |
| | -rmspe:0.108965 | | | |
| [943] | train-rmse:0.086995 | eval-rmse:0.105692 | train-rmspe:0.10804 | eval |
| | -rmspe:0.108953 | | | |
| [944] | train-rmse:0.086986 | eval-rmse:0.105686 | train-rmspe:0.108032 | eval |
| | -rmspe:0.108947 | | | |
| [945] | train-rmse:0.086964 | eval-rmse:0.105666 | train-rmspe:0.108 | eval |
| | -rmspe:0.10893 | | | |
| [946] | train-rmse:0.086946 | eval-rmse:0.105652 | train-rmspe:0.107974 | eval |
| | -rmspe:0.108917 | | | |
| [947] | train-rmse:0.086925 | eval-rmse:0.105634 | train-rmspe:0.107955 | eval |
| | -rmspe:0.108899 | | | |
| [948] | train-rmse:0.086904 | eval-rmse:0.105619 | train-rmspe:0.107933 | eval |
| | -rmspe:0.108884 | | | |
| [949] | train-rmse:0.086885 | eval-rmse:0.105625 | train-rmspe:0.107916 | eval |
| | -rmspe:0.108888 | | | |
| [950] | train-rmse:0.086865 | eval-rmse:0.105616 | train-rmspe:0.107887 | eval |
| | -rmspe:0.108879 | | | |
| [951] | train-rmse:0.086822 | eval-rmse:0.105599 | train-rmspe:0.107837 | eval |
| | -rmspe:0.108862 | | | |
| [952] | train-rmse:0.086791 | eval-rmse:0.105589 | train-rmspe:0.107646 | eval |
| | -rmspe:0.108853 | | | |
| [953] | train-rmse:0.086766 | eval-rmse:0.105578 | train-rmspe:0.107622 | eval |
| | -rmspe:0.108842 | | | |
| [954] | train-rmse:0.086738 | eval-rmse:0.105573 | train-rmspe:0.10758 | eval |
| | -rmspe:0.108837 | | | |
| [955] | train-rmse:0.086713 | eval-rmse:0.105554 | train-rmspe:0.107548 | eval |
| | -rmspe:0.108814 | | | |
| [956] | train-rmse:0.086701 | eval-rmse:0.105549 | train-rmspe:0.107514 | eval |
| | -rmspe:0.10881 | | | |
| [957] | train-rmse:0.086672 | eval-rmse:0.105535 | train-rmspe:0.107486 | eval |
| | -rmspe:0.108799 | | | |
| [958] | train-rmse:0.086642 | eval-rmse:0.105538 | train-rmspe:0.107457 | eval |
| | -rmspe:0.108796 | | | |
| [959] | train-rmse:0.08662 | eval-rmse:0.105538 | train-rmspe:0.107241 | eval |
| | -rmspe:0.108795 | | | |
| [960] | train-rmse:0.086594 | eval-rmse:0.105533 | train-rmspe:0.10721 | eval |
| | -rmspe:0.108791 | | | |
| [961] | train-rmse:0.086573 | eval-rmse:0.105524 | train-rmspe:0.107188 | eval |
| | -rmspe:0.108781 | | | |
| [962] | train-rmse:0.086553 | eval-rmse:0.105506 | train-rmspe:0.107166 | eval |
| | -rmspe:0.108763 | | | |
| [963] | train-rmse:0.086522 | eval-rmse:0.105493 | train-rmspe:0.106578 | eval |
| | -rmspe:0.108751 | | | |

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| [964] | train-rmse:0.086502 | eval-rmse:0.105477 | train-rmspe:0.106559 | eval-rmspe:0.108734 |
| [965] | train-rmse:0.086486 | eval-rmse:0.105463 | train-rmspe:0.106544 | eval-rmspe:0.108717 |
| [966] | train-rmse:0.086474 | eval-rmse:0.10547 | train-rmspe:0.106534 | eval-rmspe:0.108718 |
| [967] | train-rmse:0.086442 | eval-rmse:0.105444 | train-rmspe:0.106488 | eval-rmspe:0.108689 |
| [968] | train-rmse:0.086421 | eval-rmse:0.105424 | train-rmspe:0.106471 | eval-rmspe:0.108665 |
| [969] | train-rmse:0.086408 | eval-rmse:0.105416 | train-rmspe:0.10646 | eval-rmspe:0.108656 |
| [970] | train-rmse:0.086389 | eval-rmse:0.105408 | train-rmspe:0.106441 | eval-rmspe:0.108647 |
| [971] | train-rmse:0.086371 | eval-rmse:0.105392 | train-rmspe:0.106422 | eval-rmspe:0.10863 |
| [972] | train-rmse:0.086352 | eval-rmse:0.105377 | train-rmspe:0.106404 | eval-rmspe:0.108613 |
| [973] | train-rmse:0.086332 | eval-rmse:0.105366 | train-rmspe:0.106384 | eval-rmspe:0.108604 |
| [974] | train-rmse:0.086305 | eval-rmse:0.10537 | train-rmspe:0.106341 | eval-rmspe:0.108599 |
| [975] | train-rmse:0.086291 | eval-rmse:0.105364 | train-rmspe:0.106326 | eval-rmspe:0.108593 |
| [976] | train-rmse:0.086261 | eval-rmse:0.105358 | train-rmspe:0.106297 | eval-rmspe:0.108583 |
| [977] | train-rmse:0.086226 | eval-rmse:0.105343 | train-rmspe:0.106267 | eval-rmspe:0.108566 |
| [978] | train-rmse:0.086175 | eval-rmse:0.10532 | train-rmspe:0.106184 | eval-rmspe:0.108539 |
| [979] | train-rmse:0.08616 | eval-rmse:0.105313 | train-rmspe:0.106141 | eval-rmspe:0.108532 |
| [980] | train-rmse:0.086124 | eval-rmse:0.105281 | train-rmspe:0.106101 | eval-rmspe:0.108496 |
| [981] | train-rmse:0.086097 | eval-rmse:0.105217 | train-rmspe:0.106064 | eval-rmspe:0.108443 |
| [982] | train-rmse:0.086088 | eval-rmse:0.105215 | train-rmspe:0.106054 | eval-rmspe:0.108438 |
| [983] | train-rmse:0.086035 | eval-rmse:0.105177 | train-rmspe:0.106006 | eval-rmspe:0.108389 |
| [984] | train-rmse:0.08601 | eval-rmse:0.105168 | train-rmspe:0.105981 | eval-rmspe:0.108348 |
| [985] | train-rmse:0.08595 | eval-rmse:0.105144 | train-rmspe:0.105883 | eval-rmspe:0.108326 |

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| [986] | train-rmse:0.085943 | eval-rmse:0.10513 | train-rmspe:0.105875 | eval |
| | -rmspe:0.108312 | | | |
| [987] | train-rmse:0.085906 | eval-rmse:0.105105 | train-rmspe:0.105821 | eval |
| | -rmspe:0.108283 | | | |
| [988] | train-rmse:0.085891 | eval-rmse:0.105104 | train-rmspe:0.105795 | eval |
| | -rmspe:0.108283 | | | |
| [989] | train-rmse:0.085883 | eval-rmse:0.105088 | train-rmspe:0.105786 | eval |
| | -rmspe:0.108268 | | | |
| [990] | train-rmse:0.085872 | eval-rmse:0.105073 | train-rmspe:0.105777 | eval |
| | -rmspe:0.108251 | | | |
| [991] | train-rmse:0.085845 | eval-rmse:0.105056 | train-rmspe:0.105754 | eval |
| | -rmspe:0.108235 | | | |
| [992] | train-rmse:0.08582 | eval-rmse:0.105029 | train-rmspe:0.105733 | eval |
| | -rmspe:0.108208 | | | |
| [993] | train-rmse:0.085808 | eval-rmse:0.105025 | train-rmspe:0.105722 | eval |
| | -rmspe:0.108201 | | | |
| [994] | train-rmse:0.0858 | eval-rmse:0.105023 | train-rmspe:0.105709 | eval |
| | -rmspe:0.1082 | | | |
| [995] | train-rmse:0.085786 | eval-rmse:0.105018 | train-rmspe:0.105695 | eval |
| | -rmspe:0.108197 | | | |
| [996] | train-rmse:0.085753 | eval-rmse:0.105 | train-rmspe:0.105665 | eval |
| | -rmspe:0.108188 | | | |
| [997] | train-rmse:0.085723 | eval-rmse:0.104985 | train-rmspe:0.105624 | eval |
| | -rmspe:0.108174 | | | |
| [998] | train-rmse:0.085692 | eval-rmse:0.10497 | train-rmspe:0.105579 | eval |
| | -rmspe:0.108159 | | | |
| [999] | train-rmse:0.085679 | eval-rmse:0.104962 | train-rmspe:0.105538 | eval |
| | -rmspe:0.108152 | | | |
| [1000] | train-rmse:0.085647 | eval-rmse:0.104949 | train-rmspe:0.105502 | eval |
| | -rmspe:0.108137 | | | |
| [1001] | train-rmse:0.085637 | eval-rmse:0.104939 | train-rmspe:0.105493 | eval |
| | -rmspe:0.108126 | | | |
| [1002] | train-rmse:0.085623 | eval-rmse:0.104931 | train-rmspe:0.105469 | eval |
| | -rmspe:0.10812 | | | |
| [1003] | train-rmse:0.08558 | eval-rmse:0.104911 | train-rmspe:0.105379 | eval |
| | -rmspe:0.1081 | | | |
| [1004] | train-rmse:0.085569 | eval-rmse:0.104918 | train-rmspe:0.105369 | eval |
| | -rmspe:0.108102 | | | |
| [1005] | train-rmse:0.08553 | eval-rmse:0.104911 | train-rmspe:0.105303 | eval |
| | -rmspe:0.108098 | | | |
| [1006] | train-rmse:0.085495 | eval-rmse:0.10489 | train-rmspe:0.10527 | eval |
| | -rmspe:0.108075 | | | |
| [1007] | train-rmse:0.085478 | eval-rmse:0.104879 | train-rmspe:0.10525 | eval |
| | -rmspe:0.108062 | | | |

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| [1008] | train-rmse:0.085452 | eval-rmse:0.104861 | train-rmspe:0.105223 | eval-rmspe:0.108043 |
| [1009] | train-rmse:0.085435 | eval-rmse:0.104864 | train-rmspe:0.105194 | eval-rmspe:0.108047 |
| [1010] | train-rmse:0.085412 | eval-rmse:0.10486 | train-rmspe:0.105168 | eval-rmspe:0.108044 |
| [1011] | train-rmse:0.085383 | eval-rmse:0.104802 | train-rmspe:0.105133 | eval-rmspe:0.107999 |
| [1012] | train-rmse:0.085373 | eval-rmse:0.104794 | train-rmspe:0.105124 | eval-rmspe:0.107989 |
| [1013] | train-rmse:0.085332 | eval-rmse:0.104769 | train-rmspe:0.105102 | eval-rmspe:0.107958 |
| [1014] | train-rmse:0.0853 | eval-rmse:0.104753 | train-rmspe:0.105066 | eval-rmspe:0.107941 |
| [1015] | train-rmse:0.085264 | eval-rmse:0.104703 | train-rmspe:0.105014 | eval-rmspe:0.107882 |
| [1016] | train-rmse:0.085238 | eval-rmse:0.10469 | train-rmspe:0.104878 | eval-rmspe:0.107869 |
| [1017] | train-rmse:0.085222 | eval-rmse:0.104679 | train-rmspe:0.104881 | eval-rmspe:0.107857 |
| [1018] | train-rmse:0.08517 | eval-rmse:0.104651 | train-rmspe:0.104676 | eval-rmspe:0.107831 |
| [1019] | train-rmse:0.085138 | eval-rmse:0.10464 | train-rmspe:0.104635 | eval-rmspe:0.107821 |
| [1020] | train-rmse:0.085126 | eval-rmse:0.104641 | train-rmspe:0.104623 | eval-rmspe:0.107822 |
| [1021] | train-rmse:0.085109 | eval-rmse:0.104634 | train-rmspe:0.104608 | eval-rmspe:0.107812 |
| [1022] | train-rmse:0.085083 | eval-rmse:0.104632 | train-rmspe:0.104581 | eval-rmspe:0.107813 |
| [1023] | train-rmse:0.085071 | eval-rmse:0.104624 | train-rmspe:0.104571 | eval-rmspe:0.107827 |
| [1024] | train-rmse:0.085051 | eval-rmse:0.10462 | train-rmspe:0.104552 | eval-rmspe:0.107823 |
| [1025] | train-rmse:0.085021 | eval-rmse:0.104599 | train-rmspe:0.104516 | eval-rmspe:0.1078 |
| [1026] | train-rmse:0.085001 | eval-rmse:0.10457 | train-rmspe:0.1045 | eval-rmspe:0.107774 |
| [1027] | train-rmse:0.08498 | eval-rmse:0.104551 | train-rmspe:0.104501 | eval-rmspe:0.107755 |
| [1028] | train-rmse:0.084958 | eval-rmse:0.104543 | train-rmspe:0.104479 | eval-rmspe:0.107747 |
| [1029] | train-rmse:0.084951 | eval-rmse:0.104539 | train-rmspe:0.104469 | eval-rmspe:0.107743 |

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| [1030] | train-rmse:0.084921 | eval-rmse:0.104518 | train-rmspe:0.104425 | eval-rmspe:0.10772 |
| [1031] | train-rmse:0.084891 | eval-rmse:0.104507 | train-rmspe:0.104396 | eval-rmspe:0.10771 |
| [1032] | train-rmse:0.084883 | eval-rmse:0.104497 | train-rmspe:0.104389 | eval-rmspe:0.107707 |
| [1033] | train-rmse:0.084867 | eval-rmse:0.104477 | train-rmspe:0.104375 | eval-rmspe:0.107685 |
| [1034] | train-rmse:0.084813 | eval-rmse:0.104446 | train-rmspe:0.104328 | eval-rmspe:0.107654 |
| [1035] | train-rmse:0.084795 | eval-rmse:0.104428 | train-rmspe:0.104312 | eval-rmspe:0.107636 |
| [1036] | train-rmse:0.084773 | eval-rmse:0.104459 | train-rmspe:0.10429 | eval-rmspe:0.107665 |
| [1037] | train-rmse:0.08474 | eval-rmse:0.104447 | train-rmspe:0.104259 | eval-rmspe:0.107653 |
| [1038] | train-rmse:0.084727 | eval-rmse:0.10445 | train-rmspe:0.104246 | eval-rmspe:0.107657 |
| [1039] | train-rmse:0.084713 | eval-rmse:0.104446 | train-rmspe:0.104233 | eval-rmspe:0.107651 |
| [1040] | train-rmse:0.084696 | eval-rmse:0.104441 | train-rmspe:0.104214 | eval-rmspe:0.107647 |
| [1041] | train-rmse:0.084675 | eval-rmse:0.104437 | train-rmspe:0.104194 | eval-rmspe:0.107639 |
| [1042] | train-rmse:0.084633 | eval-rmse:0.104398 | train-rmspe:0.104152 | eval-rmspe:0.107601 |
| [1043] | train-rmse:0.084612 | eval-rmse:0.104398 | train-rmspe:0.104131 | eval-rmspe:0.107599 |
| [1044] | train-rmse:0.084599 | eval-rmse:0.104395 | train-rmspe:0.104115 | eval-rmspe:0.107599 |
| [1045] | train-rmse:0.084562 | eval-rmse:0.104392 | train-rmspe:0.104055 | eval-rmspe:0.107584 |
| [1046] | train-rmse:0.084549 | eval-rmse:0.104383 | train-rmspe:0.104044 | eval-rmspe:0.107573 |
| [1047] | train-rmse:0.084498 | eval-rmse:0.104356 | train-rmspe:0.103996 | eval-rmspe:0.107545 |
| [1048] | train-rmse:0.084485 | eval-rmse:0.104353 | train-rmspe:0.103977 | eval-rmspe:0.107538 |
| [1049] | train-rmse:0.084462 | eval-rmse:0.104342 | train-rmspe:0.103954 | eval-rmspe:0.107528 |
| [1050] | train-rmse:0.08443 | eval-rmse:0.10432 | train-rmspe:0.103923 | eval-rmspe:0.107504 |
| [1051] | train-rmse:0.084416 | eval-rmse:0.104315 | train-rmspe:0.103862 | eval-rmspe:0.1075 |

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| [1052] | train-rmse:0.0844 -rmspe:0.107484 | eval-rmse:0.104302 | train-rmspe:0.103843 | eval |
| [1053] | train-rmse:0.084382 -rmspe:0.10748 | eval-rmse:0.104289 | train-rmspe:0.103823 | eval |
| [1054] | train-rmse:0.084361 -rmspe:0.107469 | eval-rmse:0.104277 | train-rmspe:0.103802 | eval |
| [1055] | train-rmse:0.084341 -rmspe:0.107462 | eval-rmse:0.10427 | train-rmspe:0.103779 | eval |
| [1056] | train-rmse:0.084316 -rmspe:0.107456 | eval-rmse:0.104264 | train-rmspe:0.103754 | eval |
| [1057] | train-rmse:0.084301 -rmspe:0.107444 | eval-rmse:0.10425 | train-rmspe:0.103739 | eval |
| [1058] | train-rmse:0.084288 -rmspe:0.107436 | eval-rmse:0.104243 | train-rmspe:0.103714 | eval |
| [1059] | train-rmse:0.084265 -rmspe:0.107411 | eval-rmse:0.104221 | train-rmspe:0.103645 | eval |
| [1060] | train-rmse:0.084243 -rmspe:0.107399 | eval-rmse:0.104213 | train-rmspe:0.103623 | eval |
| [1061] | train-rmse:0.08421 -rmspe:0.107383 | eval-rmse:0.104189 | train-rmspe:0.103592 | eval |
| [1062] | train-rmse:0.084197 -rmspe:0.107375 | eval-rmse:0.10418 | train-rmspe:0.103574 | eval |
| [1063] | train-rmse:0.084173 -rmspe:0.107329 | eval-rmse:0.104136 | train-rmspe:0.103511 | eval |
| [1064] | train-rmse:0.084152 -rmspe:0.107325 | eval-rmse:0.104132 | train-rmspe:0.103494 | eval |
| [1065] | train-rmse:0.08413 -rmspe:0.107319 | eval-rmse:0.104134 | train-rmspe:0.103461 | eval |
| [1066] | train-rmse:0.08411 -rmspe:0.107306 | eval-rmse:0.104114 | train-rmspe:0.103445 | eval |
| [1067] | train-rmse:0.084094 -rmspe:0.107295 | eval-rmse:0.104102 | train-rmspe:0.103426 | eval |
| [1068] | train-rmse:0.084069 -rmspe:0.107264 | eval-rmse:0.10407 | train-rmspe:0.103388 | eval |
| [1069] | train-rmse:0.084039 -rmspe:0.107241 | eval-rmse:0.104049 | train-rmspe:0.103357 | eval |
| [1070] | train-rmse:0.084019 -rmspe:0.107229 | eval-rmse:0.104035 | train-rmspe:0.103338 | eval |
| [1071] | train-rmse:0.084008 -rmspe:0.107222 | eval-rmse:0.10403 | train-rmspe:0.103327 | eval |
| [1072] | train-rmse:0.083982 -rmspe:0.107206 | eval-rmse:0.104016 | train-rmspe:0.103297 | eval |
| [1073] | train-rmse:0.083957 -rmspe:0.107198 | eval-rmse:0.104007 | train-rmspe:0.103273 | eval |

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| [1074] | train-rmse:0.08395 | eval-rmse:0.104008 | train-rmspe:0.103267 | eval-rmspe:0.107202 |
| [1075] | train-rmse:0.083937 | eval-rmse:0.104001 | train-rmspe:0.103255 | eval-rmspe:0.107193 |
| [1076] | train-rmse:0.083927 | eval-rmse:0.103995 | train-rmspe:0.103247 | eval-rmspe:0.107187 |
| [1077] | train-rmse:0.083894 | eval-rmse:0.103976 | train-rmspe:0.103212 | eval-rmspe:0.107163 |
| [1078] | train-rmse:0.083882 | eval-rmse:0.103974 | train-rmspe:0.1032 | eval-rmspe:0.107159 |
| [1079] | train-rmse:0.083866 | eval-rmse:0.103961 | train-rmspe:0.103183 | eval-rmspe:0.107147 |
| [1080] | train-rmse:0.083842 | eval-rmse:0.103948 | train-rmspe:0.103158 | eval-rmspe:0.107132 |
| [1081] | train-rmse:0.083831 | eval-rmse:0.103937 | train-rmspe:0.10314 | eval-rmspe:0.107121 |
| [1082] | train-rmse:0.083803 | eval-rmse:0.103922 | train-rmspe:0.10311 | eval-rmspe:0.107104 |
| [1083] | train-rmse:0.083776 | eval-rmse:0.103905 | train-rmspe:0.103086 | eval-rmspe:0.107081 |
| [1084] | train-rmse:0.083759 | eval-rmse:0.103887 | train-rmspe:0.103069 | eval-rmspe:0.107065 |
| [1085] | train-rmse:0.083752 | eval-rmse:0.103885 | train-rmspe:0.103064 | eval-rmspe:0.107061 |
| [1086] | train-rmse:0.083722 | eval-rmse:0.10386 | train-rmspe:0.103028 | eval-rmspe:0.107029 |
| [1087] | train-rmse:0.0837 | eval-rmse:0.10385 | train-rmspe:0.103007 | eval-rmspe:0.107022 |
| [1088] | train-rmse:0.083675 | eval-rmse:0.103841 | train-rmspe:0.102972 | eval-rmspe:0.107013 |
| [1089] | train-rmse:0.083643 | eval-rmse:0.103832 | train-rmspe:0.102942 | eval-rmspe:0.106994 |
| [1090] | train-rmse:0.083626 | eval-rmse:0.103833 | train-rmspe:0.102905 | eval-rmspe:0.106995 |
| [1091] | train-rmse:0.083586 | eval-rmse:0.103826 | train-rmspe:0.102746 | eval-rmspe:0.106991 |
| [1092] | train-rmse:0.08357 | eval-rmse:0.103825 | train-rmspe:0.102736 | eval-rmspe:0.10699 |
| [1093] | train-rmse:0.083561 | eval-rmse:0.10381 | train-rmspe:0.102728 | eval-rmspe:0.106972 |
| [1094] | train-rmse:0.083556 | eval-rmse:0.103823 | train-rmspe:0.102723 | eval-rmspe:0.106981 |
| [1095] | train-rmse:0.083533 | eval-rmse:0.103814 | train-rmspe:0.102701 | eval-rmspe:0.106975 |

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| [1096] | train-rmse:0.083515 | eval-rmse:0.103814 | train-rmspe:0.10268 | eval |
| | -rmspe:0.106973 | | | |
| [1097] | train-rmse:0.083494 | eval-rmse:0.103791 | train-rmspe:0.102586 | eval |
| | -rmspe:0.106953 | | | |
| [1098] | train-rmse:0.083465 | eval-rmse:0.103775 | train-rmspe:0.10255 | eval |
| | -rmspe:0.106938 | | | |
| [1099] | train-rmse:0.083435 | eval-rmse:0.10376 | train-rmspe:0.102521 | eval |
| | -rmspe:0.106921 | | | |
| [1100] | train-rmse:0.083416 | eval-rmse:0.103749 | train-rmspe:0.102504 | eval |
| | -rmspe:0.106907 | | | |
| [1101] | train-rmse:0.083395 | eval-rmse:0.103739 | train-rmspe:0.102483 | eval |
| | -rmspe:0.106896 | | | |
| [1102] | train-rmse:0.083386 | eval-rmse:0.10374 | train-rmspe:0.102475 | eval |
| | -rmspe:0.106898 | | | |
| [1103] | train-rmse:0.083374 | eval-rmse:0.103735 | train-rmspe:0.102462 | eval |
| | -rmspe:0.106895 | | | |
| [1104] | train-rmse:0.083362 | eval-rmse:0.103733 | train-rmspe:0.102453 | eval |
| | -rmspe:0.106888 | | | |
| [1105] | train-rmse:0.08335 | eval-rmse:0.103738 | train-rmspe:0.102443 | eval |
| | -rmspe:0.106892 | | | |
| [1106] | train-rmse:0.083334 | eval-rmse:0.103729 | train-rmspe:0.102427 | eval |
| | -rmspe:0.106881 | | | |
| [1107] | train-rmse:0.083307 | eval-rmse:0.103718 | train-rmspe:0.102394 | eval |
| | -rmspe:0.106871 | | | |
| [1108] | train-rmse:0.083291 | eval-rmse:0.103715 | train-rmspe:0.10238 | eval |
| | -rmspe:0.106869 | | | |
| [1109] | train-rmse:0.083275 | eval-rmse:0.103714 | train-rmspe:0.102362 | eval |
| | -rmspe:0.10687 | | | |
| [1110] | train-rmse:0.083254 | eval-rmse:0.10371 | train-rmspe:0.102345 | eval |
| | -rmspe:0.106863 | | | |
| [1111] | train-rmse:0.083247 | eval-rmse:0.103705 | train-rmspe:0.102334 | eval |
| | -rmspe:0.106859 | | | |
| [1112] | train-rmse:0.083234 | eval-rmse:0.103688 | train-rmspe:0.102324 | eval |
| | -rmspe:0.106842 | | | |
| [1113] | train-rmse:0.08321 | eval-rmse:0.103672 | train-rmspe:0.102299 | eval |
| | -rmspe:0.106829 | | | |
| [1114] | train-rmse:0.083199 | eval-rmse:0.103676 | train-rmspe:0.102283 | eval |
| | -rmspe:0.106833 | | | |
| [1115] | train-rmse:0.083182 | eval-rmse:0.103668 | train-rmspe:0.102267 | eval |
| | -rmspe:0.106823 | | | |
| [1116] | train-rmse:0.083157 | eval-rmse:0.103672 | train-rmspe:0.102244 | eval |
| | -rmspe:0.106833 | | | |
| [1117] | train-rmse:0.083134 | eval-rmse:0.103646 | train-rmspe:0.102226 | eval |
| | -rmspe:0.106778 | | | |

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| [1118] | train-rmse:0.083114 | eval-rmse:0.103642 | train-rmspe:0.10221 | eval |
| | -rmspe:0.106777 | | | |
| [1119] | train-rmse:0.083099 | eval-rmse:0.103639 | train-rmspe:0.10219 | eval |
| | -rmspe:0.106773 | | | |
| [1120] | train-rmse:0.083073 | eval-rmse:0.103629 | train-rmspe:0.102165 | eval |
| | -rmspe:0.106764 | | | |
| [1121] | train-rmse:0.083052 | eval-rmse:0.103612 | train-rmspe:0.10207 | eval |
| | -rmspe:0.106743 | | | |
| [1122] | train-rmse:0.083034 | eval-rmse:0.103604 | train-rmspe:0.101578 | eval |
| | -rmspe:0.106733 | | | |
| [1123] | train-rmse:0.083015 | eval-rmse:0.103585 | train-rmspe:0.10155 | eval |
| | -rmspe:0.106715 | | | |
| [1124] | train-rmse:0.082987 | eval-rmse:0.103555 | train-rmspe:0.101507 | eval |
| | -rmspe:0.106688 | | | |
| [1125] | train-rmse:0.082969 | eval-rmse:0.103548 | train-rmspe:0.101491 | eval |
| | -rmspe:0.106681 | | | |
| [1126] | train-rmse:0.082943 | eval-rmse:0.103549 | train-rmspe:0.101465 | eval |
| | -rmspe:0.106698 | | | |
| [1127] | train-rmse:0.082907 | eval-rmse:0.103531 | train-rmspe:0.101418 | eval |
| | -rmspe:0.106678 | | | |
| [1128] | train-rmse:0.082887 | eval-rmse:0.103518 | train-rmspe:0.101399 | eval |
| | -rmspe:0.106666 | | | |
| [1129] | train-rmse:0.082861 | eval-rmse:0.103506 | train-rmspe:0.101373 | eval |
| | -rmspe:0.106653 | | | |
| [1130] | train-rmse:0.082826 | eval-rmse:0.103489 | train-rmspe:0.101341 | eval |
| | -rmspe:0.106634 | | | |
| [1131] | train-rmse:0.082822 | eval-rmse:0.103499 | train-rmspe:0.101337 | eval |
| | -rmspe:0.106639 | | | |
| [1132] | train-rmse:0.082806 | eval-rmse:0.103487 | train-rmspe:0.101322 | eval |
| | -rmspe:0.106629 | | | |
| [1133] | train-rmse:0.082783 | eval-rmse:0.103484 | train-rmspe:0.101289 | eval |
| | -rmspe:0.106629 | | | |
| [1134] | train-rmse:0.082764 | eval-rmse:0.103481 | train-rmspe:0.10127 | eval |
| | -rmspe:0.106626 | | | |
| [1135] | train-rmse:0.082756 | eval-rmse:0.10348 | train-rmspe:0.101263 | eval |
| | -rmspe:0.106624 | | | |
| [1136] | train-rmse:0.082743 | eval-rmse:0.103471 | train-rmspe:0.10125 | eval |
| | -rmspe:0.106615 | | | |
| [1137] | train-rmse:0.082715 | eval-rmse:0.103444 | train-rmspe:0.101211 | eval |
| | -rmspe:0.106583 | | | |
| [1138] | train-rmse:0.082703 | eval-rmse:0.103435 | train-rmspe:0.1012 | eval |
| | -rmspe:0.106573 | | | |
| [1139] | train-rmse:0.082672 | eval-rmse:0.103424 | train-rmspe:0.101167 | eval |
| | -rmspe:0.10656 | | | |

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| [1140] | train-rmse:0.082655 | eval-rmse:0.103394 | train-rmspe:0.101142 | eval-rmspe:0.10652 |
| [1141] | train-rmse:0.082634 | eval-rmse:0.103378 | train-rmspe:0.101121 | eval-rmspe:0.1065 |
| [1142] | train-rmse:0.082615 | eval-rmse:0.103367 | train-rmspe:0.101103 | eval-rmspe:0.106488 |
| [1143] | train-rmse:0.08258 | eval-rmse:0.103348 | train-rmspe:0.1003 | eval-rmspe:0.106458 |
| [1144] | train-rmse:0.082563 | eval-rmse:0.103348 | train-rmspe:0.100278 | eval-rmspe:0.106459 |
| [1145] | train-rmse:0.082549 | eval-rmse:0.103335 | train-rmspe:0.100264 | eval-rmspe:0.106445 |
| [1146] | train-rmse:0.082539 | eval-rmse:0.103332 | train-rmspe:0.100256 | eval-rmspe:0.106441 |
| [1147] | train-rmse:0.082526 | eval-rmse:0.103313 | train-rmspe:0.100243 | eval-rmspe:0.106426 |
| [1148] | train-rmse:0.082514 | eval-rmse:0.103306 | train-rmspe:0.100233 | eval-rmspe:0.106416 |
| [1149] | train-rmse:0.082494 | eval-rmse:0.103309 | train-rmspe:0.100213 | eval-rmspe:0.106444 |
| [1150] | train-rmse:0.082461 | eval-rmse:0.103332 | train-rmspe:0.100178 | eval-rmspe:0.106456 |
| [1151] | train-rmse:0.082417 | eval-rmse:0.10331 | train-rmspe:0.100134 | eval-rmspe:0.106433 |
| [1152] | train-rmse:0.082399 | eval-rmse:0.103304 | train-rmspe:0.100118 | eval-rmspe:0.106424 |
| [1153] | train-rmse:0.082383 | eval-rmse:0.103298 | train-rmspe:0.100101 | eval-rmspe:0.106415 |
| [1154] | train-rmse:0.082354 | eval-rmse:0.103293 | train-rmspe:0.100063 | eval-rmspe:0.106407 |
| [1155] | train-rmse:0.082341 | eval-rmse:0.103286 | train-rmspe:0.100002 | eval-rmspe:0.106399 |
| [1156] | train-rmse:0.082327 | eval-rmse:0.103285 | train-rmspe:0.099989 | eval-rmspe:0.106396 |
| [1157] | train-rmse:0.082304 | eval-rmse:0.103276 | train-rmspe:0.099966 | eval-rmspe:0.106386 |
| [1158] | train-rmse:0.082285 | eval-rmse:0.103269 | train-rmspe:0.099947 | eval-rmspe:0.106379 |
| [1159] | train-rmse:0.082264 | eval-rmse:0.103257 | train-rmspe:0.099928 | eval-rmspe:0.106367 |
| [1160] | train-rmse:0.082252 | eval-rmse:0.103252 | train-rmspe:0.099911 | eval-rmspe:0.106361 |
| [1161] | train-rmse:0.08223 | eval-rmse:0.103241 | train-rmspe:0.099888 | eval-rmspe:0.106349 |

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| [1162] | train-rmse:0.082214 -rmspe:0.106354 | eval-rmse:0.103253 | train-rmspe:0.099871 | eval |
| [1163] | train-rmse:0.082198 -rmspe:0.106349 | eval-rmse:0.103248 | train-rmspe:0.099821 | eval |
| [1164] | train-rmse:0.08218 -rmspe:0.10635 | eval-rmse:0.103248 | train-rmspe:0.09979 | eval |
| [1165] | train-rmse:0.08214 -rmspe:0.106335 | eval-rmse:0.103234 | train-rmspe:0.09974 | eval |
| [1166] | train-rmse:0.082139 -rmspe:0.106328 | eval-rmse:0.103232 | train-rmspe:0.099739 | eval |
| [1167] | train-rmse:0.082131 -rmspe:0.106322 | eval-rmse:0.103228 | train-rmspe:0.099732 | eval |
| [1168] | train-rmse:0.0821 -rmspe:0.106298 | eval-rmse:0.103207 | train-rmspe:0.099696 | eval |
| [1169] | train-rmse:0.082086 -rmspe:0.106301 | eval-rmse:0.103205 | train-rmspe:0.099684 | eval |
| [1170] | train-rmse:0.082073 -rmspe:0.106295 | eval-rmse:0.103195 | train-rmspe:0.099671 | eval |
| [1171] | train-rmse:0.082052 -rmspe:0.106286 | eval-rmse:0.103182 | train-rmspe:0.099639 | eval |
| [1172] | train-rmse:0.08204 -rmspe:0.106277 | eval-rmse:0.103178 | train-rmspe:0.099628 | eval |
| [1173] | train-rmse:0.082015 -rmspe:0.106265 | eval-rmse:0.103166 | train-rmspe:0.099325 | eval |
| [1174] | train-rmse:0.081993 -rmspe:0.106253 | eval-rmse:0.103157 | train-rmspe:0.099299 | eval |
| [1175] | train-rmse:0.081976 -rmspe:0.106245 | eval-rmse:0.103149 | train-rmspe:0.099283 | eval |
| [1176] | train-rmse:0.081951 -rmspe:0.106246 | eval-rmse:0.103157 | train-rmspe:0.099255 | eval |
| [1177] | train-rmse:0.081906 -rmspe:0.106231 | eval-rmse:0.103146 | train-rmspe:0.099151 | eval |
| [1178] | train-rmse:0.081881 -rmspe:0.106222 | eval-rmse:0.103138 | train-rmspe:0.099096 | eval |
| [1179] | train-rmse:0.081864 -rmspe:0.106201 | eval-rmse:0.103118 | train-rmspe:0.099061 | eval |
| [1180] | train-rmse:0.081851 -rmspe:0.106202 | eval-rmse:0.103118 | train-rmspe:0.099045 | eval |
| [1181] | train-rmse:0.081826 -rmspe:0.106199 | eval-rmse:0.103111 | train-rmspe:0.099024 | eval |
| [1182] | train-rmse:0.081793 -rmspe:0.106181 | eval-rmse:0.103094 | train-rmspe:0.098991 | eval |
| [1183] | train-rmse:0.081783 -rmspe:0.106177 | eval-rmse:0.103088 | train-rmspe:0.098895 | eval |

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| [1184] | train-rmse:0.081765 -rmspe:0.106166 | eval-rmse:0.103076 | train-rmspe:0.098868 | eval |
| [1185] | train-rmse:0.081754 -rmspe:0.106163 | eval-rmse:0.103075 | train-rmspe:0.098854 | eval |
| [1186] | train-rmse:0.081733 -rmspe:0.106152 | eval-rmse:0.103066 | train-rmspe:0.097858 | eval |
| [1187] | train-rmse:0.081722 -rmspe:0.106153 | eval-rmse:0.103071 | train-rmspe:0.097837 | eval |
| [1188] | train-rmse:0.081705 -rmspe:0.106132 | eval-rmse:0.103031 | train-rmspe:0.097821 | eval |
| [1189] | train-rmse:0.081697 -rmspe:0.106132 | eval-rmse:0.103037 | train-rmspe:0.097812 | eval |
| [1190] | train-rmse:0.08167 -rmspe:0.106113 | eval-rmse:0.103019 | train-rmspe:0.097782 | eval |
| [1191] | train-rmse:0.081649 -rmspe:0.106109 | eval-rmse:0.103017 | train-rmspe:0.097759 | eval |
| [1192] | train-rmse:0.081639 -rmspe:0.106101 | eval-rmse:0.103009 | train-rmspe:0.09775 | eval |
| [1193] | train-rmse:0.081614 -rmspe:0.106081 | eval-rmse:0.102986 | train-rmspe:0.096895 | eval |
| [1194] | train-rmse:0.0816 -rmspe:0.106074 | eval-rmse:0.102981 | train-rmspe:0.09687 | eval |
| [1195] | train-rmse:0.081589 -rmspe:0.106066 | eval-rmse:0.102975 | train-rmspe:0.096859 | eval |
| [1196] | train-rmse:0.081575 -rmspe:0.106066 | eval-rmse:0.102974 | train-rmspe:0.096844 | eval |
| [1197] | train-rmse:0.081566 -rmspe:0.10606 | eval-rmse:0.102968 | train-rmspe:0.096835 | eval |
| [1198] | train-rmse:0.081551 -rmspe:0.106055 | eval-rmse:0.102964 | train-rmspe:0.096821 | eval |
| [1199] | train-rmse:0.081529 -rmspe:0.106039 | eval-rmse:0.102945 | train-rmspe:0.096797 | eval |
| [1200] | train-rmse:0.081511 -rmspe:0.10602 | eval-rmse:0.102926 | train-rmspe:0.09678 | eval |
| [1201] | train-rmse:0.081508 -rmspe:0.106019 | eval-rmse:0.102925 | train-rmspe:0.096776 | eval |
| [1202] | train-rmse:0.08148 -rmspe:0.106004 | eval-rmse:0.102907 | train-rmspe:0.096745 | eval |
| [1203] | train-rmse:0.081471 -rmspe:0.105991 | eval-rmse:0.102896 | train-rmspe:0.096737 | eval |
| [1204] | train-rmse:0.081443 -rmspe:0.105977 | eval-rmse:0.102883 | train-rmspe:0.096704 | eval |
| [1205] | train-rmse:0.081425 -rmspe:0.105977 | eval-rmse:0.102883 | train-rmspe:0.096686 | eval |

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| [1206] | train-rmse:0.081408 -rmspe:0.105972 | eval-rmse:0.102878 | train-rmspe:0.096672 | eval |
| [1207] | train-rmse:0.081398 -rmspe:0.105958 | eval-rmse:0.102863 | train-rmspe:0.096662 | eval |
| [1208] | train-rmse:0.081386 -rmspe:0.105948 | eval-rmse:0.102853 | train-rmspe:0.096652 | eval |
| [1209] | train-rmse:0.081363 -rmspe:0.10594 | eval-rmse:0.102846 | train-rmspe:0.096628 | eval |
| [1210] | train-rmse:0.081337 -rmspe:0.105928 | eval-rmse:0.102835 | train-rmspe:0.096598 | eval |
| [1211] | train-rmse:0.081322 -rmspe:0.105924 | eval-rmse:0.102829 | train-rmspe:0.09658 | eval |
| [1212] | train-rmse:0.081314 -rmspe:0.105924 | eval-rmse:0.102828 | train-rmspe:0.096571 | eval |
| [1213] | train-rmse:0.081297 -rmspe:0.105915 | eval-rmse:0.102821 | train-rmspe:0.096557 | eval |
| [1214] | train-rmse:0.081292 -rmspe:0.105918 | eval-rmse:0.102824 | train-rmspe:0.096552 | eval |
| [1215] | train-rmse:0.081272 -rmspe:0.105909 | eval-rmse:0.102819 | train-rmspe:0.096529 | eval |
| [1216] | train-rmse:0.081246 -rmspe:0.105898 | eval-rmse:0.102805 | train-rmspe:0.096489 | eval |
| [1217] | train-rmse:0.081238 -rmspe:0.105887 | eval-rmse:0.102794 | train-rmspe:0.096481 | eval |
| [1218] | train-rmse:0.081225 -rmspe:0.105884 | eval-rmse:0.102791 | train-rmspe:0.096459 | eval |
| [1219] | train-rmse:0.081212 -rmspe:0.105883 | eval-rmse:0.102792 | train-rmspe:0.096443 | eval |
| [1220] | train-rmse:0.081203 -rmspe:0.105883 | eval-rmse:0.102791 | train-rmspe:0.09643 | eval |
| [1221] | train-rmse:0.08118 -rmspe:0.105883 | eval-rmse:0.102784 | train-rmspe:0.096396 | eval |
| [1222] | train-rmse:0.081166 -rmspe:0.105882 | eval-rmse:0.102784 | train-rmspe:0.096379 | eval |
| [1223] | train-rmse:0.081143 -rmspe:0.10587 | eval-rmse:0.102771 | train-rmspe:0.096348 | eval |
| [1224] | train-rmse:0.081127 -rmspe:0.105864 | eval-rmse:0.102763 | train-rmspe:0.096329 | eval |
| [1225] | train-rmse:0.081102 -rmspe:0.105851 | eval-rmse:0.102749 | train-rmspe:0.096286 | eval |
| [1226] | train-rmse:0.081094 -rmspe:0.105847 | eval-rmse:0.102745 | train-rmspe:0.096279 | eval |
| [1227] | train-rmse:0.081075 -rmspe:0.105823 | eval-rmse:0.102725 | train-rmspe:0.09626 | eval |

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| [1228] | train-rmse:0.08107 -rmspe:0.105816 | eval-rmse:0.10272 | train-rmspe:0.096255 | eval |
| [1229] | train-rmse:0.081057 -rmspe:0.105807 | eval-rmse:0.102712 | train-rmspe:0.096238 | eval |
| [1230] | train-rmse:0.08104 -rmspe:0.105795 | eval-rmse:0.102701 | train-rmspe:0.096213 | eval |
| [1231] | train-rmse:0.081018 -rmspe:0.105792 | eval-rmse:0.102695 | train-rmspe:0.096186 | eval |
| [1232] | train-rmse:0.081 -rmspe:0.105787 | eval-rmse:0.10269 | train-rmspe:0.096168 | eval |
| [1233] | train-rmse:0.080996 -rmspe:0.105783 | eval-rmse:0.102688 | train-rmspe:0.096164 | eval |
| [1234] | train-rmse:0.080979 -rmspe:0.105773 | eval-rmse:0.102679 | train-rmspe:0.096148 | eval |
| [1235] | train-rmse:0.080973 -rmspe:0.105776 | eval-rmse:0.10269 | train-rmspe:0.096144 | eval |
| [1236] | train-rmse:0.080965 -rmspe:0.105776 | eval-rmse:0.102693 | train-rmspe:0.096134 | eval |
| [1237] | train-rmse:0.08094 -rmspe:0.105743 | eval-rmse:0.102659 | train-rmspe:0.09588 | eval |
| [1238] | train-rmse:0.080914 -rmspe:0.105741 | eval-rmse:0.102657 | train-rmspe:0.095845 | eval |
| [1239] | train-rmse:0.080898 -rmspe:0.105734 | eval-rmse:0.102649 | train-rmspe:0.095825 | eval |
| [1240] | train-rmse:0.080891 -rmspe:0.105724 | eval-rmse:0.102642 | train-rmspe:0.095817 | eval |
| [1241] | train-rmse:0.080874 -rmspe:0.105713 | eval-rmse:0.102629 | train-rmspe:0.095802 | eval |
| [1242] | train-rmse:0.080862 -rmspe:0.105709 | eval-rmse:0.102627 | train-rmspe:0.095787 | eval |
| [1243] | train-rmse:0.080849 -rmspe:0.105706 | eval-rmse:0.102625 | train-rmspe:0.095768 | eval |
| [1244] | train-rmse:0.080825 -rmspe:0.105692 | eval-rmse:0.10261 | train-rmspe:0.095744 | eval |
| [1245] | train-rmse:0.080812 -rmspe:0.105697 | eval-rmse:0.102612 | train-rmspe:0.095725 | eval |
| [1246] | train-rmse:0.080799 -rmspe:0.105688 | eval-rmse:0.102601 | train-rmspe:0.095714 | eval |
| [1247] | train-rmse:0.080784 -rmspe:0.10569 | eval-rmse:0.102606 | train-rmspe:0.095696 | eval |
| [1248] | train-rmse:0.080768 -rmspe:0.105682 | eval-rmse:0.102599 | train-rmspe:0.095678 | eval |
| [1249] | train-rmse:0.080756 -rmspe:0.105678 | eval-rmse:0.102596 | train-rmspe:0.095666 | eval |

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| [1250] | train-rmse:0.080738 -rmspe:0.105677 | eval-rmse:0.102591 | train-rmspe:0.095644 | eval |
| [1251] | train-rmse:0.080726 -rmspe:0.105669 | eval-rmse:0.102586 | train-rmspe:0.09563 | eval |
| [1252] | train-rmse:0.080709 -rmspe:0.105676 | eval-rmse:0.102589 | train-rmspe:0.095611 | eval |
| [1253] | train-rmse:0.080692 -rmspe:0.105674 | eval-rmse:0.102586 | train-rmspe:0.095589 | eval |
| [1254] | train-rmse:0.080683 -rmspe:0.105689 | eval-rmse:0.102593 | train-rmspe:0.095579 | eval |
| [1255] | train-rmse:0.080668 -rmspe:0.105688 | eval-rmse:0.102592 | train-rmspe:0.095558 | eval |
| [1256] | train-rmse:0.080645 -rmspe:0.105657 | eval-rmse:0.10256 | train-rmspe:0.095532 | eval |
| [1257] | train-rmse:0.080625 -rmspe:0.105663 | eval-rmse:0.102558 | train-rmspe:0.095513 | eval |
| [1258] | train-rmse:0.080613 -rmspe:0.105657 | eval-rmse:0.102552 | train-rmspe:0.095498 | eval |
| [1259] | train-rmse:0.080598 -rmspe:0.105643 | eval-rmse:0.102543 | train-rmspe:0.095476 | eval |
| [1260] | train-rmse:0.080593 -rmspe:0.105628 | eval-rmse:0.102528 | train-rmspe:0.095471 | eval |
| [1261] | train-rmse:0.080569 -rmspe:0.105617 | eval-rmse:0.102517 | train-rmspe:0.095383 | eval |
| [1262] | train-rmse:0.080555 -rmspe:0.105619 | eval-rmse:0.102517 | train-rmspe:0.095367 | eval |
| [1263] | train-rmse:0.080534 -rmspe:0.105616 | eval-rmse:0.102512 | train-rmspe:0.095347 | eval |
| [1264] | train-rmse:0.080516 -rmspe:0.105605 | eval-rmse:0.102504 | train-rmspe:0.095321 | eval |
| [1265] | train-rmse:0.080504 -rmspe:0.105593 | eval-rmse:0.102495 | train-rmspe:0.095309 | eval |
| [1266] | train-rmse:0.080495 -rmspe:0.105591 | eval-rmse:0.102492 | train-rmspe:0.095296 | eval |
| [1267] | train-rmse:0.08047 -rmspe:0.1056 | eval-rmse:0.102496 | train-rmspe:0.095271 | eval |
| [1268] | train-rmse:0.080455 -rmspe:0.105589 | eval-rmse:0.102486 | train-rmspe:0.095258 | eval |
| [1269] | train-rmse:0.080443 -rmspe:0.105588 | eval-rmse:0.102489 | train-rmspe:0.095246 | eval |
| [1270] | train-rmse:0.080428 -rmspe:0.105586 | eval-rmse:0.102485 | train-rmspe:0.095221 | eval |
| [1271] | train-rmse:0.080393 -rmspe:0.105564 | eval-rmse:0.102467 | train-rmspe:0.095186 | eval |

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| [1272] | train-rmse:0.080364 | eval-rmse:0.102438 | train-rmspe:0.095156 | eval-rmspe:0.105537 |
| [1273] | train-rmse:0.080342 | eval-rmse:0.10243 | train-rmspe:0.095133 | eval-rmspe:0.10553 |
| [1274] | train-rmse:0.080336 | eval-rmse:0.102426 | train-rmspe:0.095127 | eval-rmspe:0.105528 |
| [1275] | train-rmse:0.080313 | eval-rmse:0.102412 | train-rmspe:0.095105 | eval-rmspe:0.105513 |
| [1276] | train-rmse:0.0803 | eval-rmse:0.10241 | train-rmspe:0.095091 | eval-rmspe:0.10551 |
| [1277] | train-rmse:0.080289 | eval-rmse:0.102403 | train-rmspe:0.095081 | eval-rmspe:0.105504 |
| [1278] | train-rmse:0.080275 | eval-rmse:0.102402 | train-rmspe:0.095058 | eval-rmspe:0.105503 |
| [1279] | train-rmse:0.080264 | eval-rmse:0.102403 | train-rmspe:0.095046 | eval-rmspe:0.105505 |
| [1280] | train-rmse:0.080254 | eval-rmse:0.1024 | train-rmspe:0.095038 | eval-rmspe:0.105502 |
| [1281] | train-rmse:0.080238 | eval-rmse:0.102397 | train-rmspe:0.095022 | eval-rmspe:0.105498 |
| [1282] | train-rmse:0.08022 | eval-rmse:0.102405 | train-rmspe:0.095003 | eval-rmspe:0.1055 |
| [1283] | train-rmse:0.080214 | eval-rmse:0.10242 | train-rmspe:0.094998 | eval-rmspe:0.105514 |
| [1284] | train-rmse:0.080199 | eval-rmse:0.102424 | train-rmspe:0.094982 | eval-rmspe:0.105522 |
| [1285] | train-rmse:0.080184 | eval-rmse:0.102419 | train-rmspe:0.094967 | eval-rmspe:0.105517 |
| [1286] | train-rmse:0.08016 | eval-rmse:0.102403 | train-rmspe:0.094943 | eval-rmspe:0.105501 |
| [1287] | train-rmse:0.080135 | eval-rmse:0.102384 | train-rmspe:0.094917 | eval-rmspe:0.105482 |
| [1288] | train-rmse:0.080114 | eval-rmse:0.102376 | train-rmspe:0.094891 | eval-rmspe:0.105469 |
| [1289] | train-rmse:0.080101 | eval-rmse:0.102369 | train-rmspe:0.094878 | eval-rmspe:0.105462 |
| [1290] | train-rmse:0.080083 | eval-rmse:0.102363 | train-rmspe:0.09486 | eval-rmspe:0.105459 |
| [1291] | train-rmse:0.08007 | eval-rmse:0.102353 | train-rmspe:0.094847 | eval-rmspe:0.105451 |
| [1292] | train-rmse:0.080052 | eval-rmse:0.10235 | train-rmspe:0.094841 | eval-rmspe:0.105447 |
| [1293] | train-rmse:0.08004 | eval-rmse:0.102341 | train-rmspe:0.094827 | eval-rmspe:0.105438 |

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| [1294] | train-rmse:0.080022 -rmspe:0.105436 | eval-rmse:0.102339 | train-rmspe:0.094804 | eval |
| [1295] | train-rmse:0.080012 -rmspe:0.105425 | eval-rmse:0.102329 | train-rmspe:0.094793 | eval |
| [1296] | train-rmse:0.080004 -rmspe:0.105418 | eval-rmse:0.102322 | train-rmspe:0.094783 | eval |
| [1297] | train-rmse:0.07999 -rmspe:0.105414 | eval-rmse:0.102319 | train-rmspe:0.094768 | eval |
| [1298] | train-rmse:0.079972 -rmspe:0.105403 | eval-rmse:0.102308 | train-rmspe:0.094751 | eval |
| [1299] | train-rmse:0.07995 -rmspe:0.105393 | eval-rmse:0.102298 | train-rmspe:0.09473 | eval |
| [1300] | train-rmse:0.079935 -rmspe:0.10538 | eval-rmse:0.102286 | train-rmspe:0.09471 | eval |
| [1301] | train-rmse:0.079928 -rmspe:0.105376 | eval-rmse:0.102281 | train-rmspe:0.094698 | eval |
| [1302] | train-rmse:0.079887 -rmspe:0.105361 | eval-rmse:0.102262 | train-rmspe:0.094632 | eval |
| [1303] | train-rmse:0.079856 -rmspe:0.105344 | eval-rmse:0.102246 | train-rmspe:0.094598 | eval |
| [1304] | train-rmse:0.079841 -rmspe:0.105332 | eval-rmse:0.102235 | train-rmspe:0.094581 | eval |
| [1305] | train-rmse:0.079827 -rmspe:0.105337 | eval-rmse:0.102243 | train-rmspe:0.094565 | eval |
| [1306] | train-rmse:0.079813 -rmspe:0.105322 | eval-rmse:0.102227 | train-rmspe:0.094551 | eval |
| [1307] | train-rmse:0.079796 -rmspe:0.105313 | eval-rmse:0.102219 | train-rmspe:0.094534 | eval |
| [1308] | train-rmse:0.079787 -rmspe:0.105308 | eval-rmse:0.102213 | train-rmspe:0.094526 | eval |
| [1309] | train-rmse:0.079772 -rmspe:0.105298 | eval-rmse:0.102193 | train-rmspe:0.094509 | eval |
| [1310] | train-rmse:0.079751 -rmspe:0.10528 | eval-rmse:0.102176 | train-rmspe:0.094571 | eval |
| [1311] | train-rmse:0.079735 -rmspe:0.105261 | eval-rmse:0.102157 | train-rmspe:0.094559 | eval |
| [1312] | train-rmse:0.079724 -rmspe:0.105256 | eval-rmse:0.102154 | train-rmspe:0.094547 | eval |
| [1313] | train-rmse:0.079693 -rmspe:0.105246 | eval-rmse:0.102143 | train-rmspe:0.094511 | eval |
| [1314] | train-rmse:0.079684 -rmspe:0.105243 | eval-rmse:0.102139 | train-rmspe:0.094504 | eval |
| [1315] | train-rmse:0.079673 -rmspe:0.105237 | eval-rmse:0.102132 | train-rmspe:0.094492 | eval |

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| [1316] | train-rmse:0.079649 | eval-rmse:0.102133 | train-rmspe:0.094453 | eval |
| | -rmspe:0.105242 | | | |
| [1317] | train-rmse:0.079632 | eval-rmse:0.102123 | train-rmspe:0.094432 | eval |
| | -rmspe:0.105231 | | | |
| [1318] | train-rmse:0.079616 | eval-rmse:0.102117 | train-rmspe:0.094406 | eval |
| | -rmspe:0.105219 | | | |
| [1319] | train-rmse:0.079601 | eval-rmse:0.10211 | train-rmspe:0.094388 | eval |
| | -rmspe:0.105212 | | | |
| [1320] | train-rmse:0.079585 | eval-rmse:0.102101 | train-rmspe:0.094369 | eval |
| | -rmspe:0.105207 | | | |
| [1321] | train-rmse:0.079565 | eval-rmse:0.10208 | train-rmspe:0.094352 | eval |
| | -rmspe:0.105187 | | | |
| [1322] | train-rmse:0.079557 | eval-rmse:0.10209 | train-rmspe:0.094345 | eval |
| | -rmspe:0.105197 | | | |
| [1323] | train-rmse:0.079551 | eval-rmse:0.10209 | train-rmspe:0.094339 | eval |
| | -rmspe:0.105197 | | | |
| [1324] | train-rmse:0.079535 | eval-rmse:0.102083 | train-rmspe:0.094319 | eval |
| | -rmspe:0.105189 | | | |
| [1325] | train-rmse:0.079523 | eval-rmse:0.102088 | train-rmspe:0.094298 | eval |
| | -rmspe:0.105194 | | | |
| [1326] | train-rmse:0.079512 | eval-rmse:0.102081 | train-rmspe:0.094286 | eval |
| | -rmspe:0.105183 | | | |
| [1327] | train-rmse:0.079495 | eval-rmse:0.102079 | train-rmspe:0.094255 | eval |
| | -rmspe:0.105189 | | | |
| [1328] | train-rmse:0.079483 | eval-rmse:0.102091 | train-rmspe:0.094241 | eval |
| | -rmspe:0.105208 | | | |
| [1329] | train-rmse:0.079467 | eval-rmse:0.102082 | train-rmspe:0.094227 | eval |
| | -rmspe:0.105199 | | | |
| [1330] | train-rmse:0.079452 | eval-rmse:0.102073 | train-rmspe:0.094212 | eval |
| | -rmspe:0.105184 | | | |
| [1331] | train-rmse:0.079432 | eval-rmse:0.102066 | train-rmspe:0.094187 | eval |
| | -rmspe:0.105177 | | | |
| [1332] | train-rmse:0.07941 | eval-rmse:0.102053 | train-rmspe:0.09416 | eval |
| | -rmspe:0.105164 | | | |
| [1333] | train-rmse:0.07939 | eval-rmse:0.102047 | train-rmspe:0.094132 | eval |
| | -rmspe:0.105158 | | | |
| [1334] | train-rmse:0.079366 | eval-rmse:0.102047 | train-rmspe:0.094083 | eval |
| | -rmspe:0.105159 | | | |
| [1335] | train-rmse:0.079351 | eval-rmse:0.10204 | train-rmspe:0.09406 | eval |
| | -rmspe:0.105151 | | | |
| [1336] | train-rmse:0.079333 | eval-rmse:0.102037 | train-rmspe:0.094044 | eval |
| | -rmspe:0.105144 | | | |
| [1337] | train-rmse:0.079314 | eval-rmse:0.102027 | train-rmspe:0.093911 | eval |
| | -rmspe:0.105124 | | | |

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| [1338] | train-rmse:0.079303 -rmspe:0.105122 | eval-rmse:0.102024 | train-rmspe:0.093902 | eval |
| [1339] | train-rmse:0.079283 -rmspe:0.105112 | eval-rmse:0.102015 | train-rmspe:0.093876 | eval |
| [1340] | train-rmse:0.079261 -rmspe:0.105106 | eval-rmse:0.102011 | train-rmspe:0.093843 | eval |
| [1341] | train-rmse:0.079249 -rmspe:0.105101 | eval-rmse:0.102004 | train-rmspe:0.093831 | eval |
| [1342] | train-rmse:0.079229 -rmspe:0.105089 | eval-rmse:0.101993 | train-rmspe:0.093807 | eval |
| [1343] | train-rmse:0.079213 -rmspe:0.105081 | eval-rmse:0.101985 | train-rmspe:0.093793 | eval |
| [1344] | train-rmse:0.079204 -rmspe:0.105073 | eval-rmse:0.101977 | train-rmspe:0.093782 | eval |
| [1345] | train-rmse:0.079187 -rmspe:0.105062 | eval-rmse:0.101969 | train-rmspe:0.093769 | eval |
| [1346] | train-rmse:0.079175 -rmspe:0.10506 | eval-rmse:0.101966 | train-rmspe:0.093754 | eval |
| [1347] | train-rmse:0.079164 -rmspe:0.105047 | eval-rmse:0.101951 | train-rmspe:0.09374 | eval |
| [1348] | train-rmse:0.079147 -rmspe:0.105044 | eval-rmse:0.101948 | train-rmspe:0.093705 | eval |
| [1349] | train-rmse:0.079137 -rmspe:0.105038 | eval-rmse:0.101943 | train-rmspe:0.093693 | eval |
| [1350] | train-rmse:0.079111 -rmspe:0.105028 | eval-rmse:0.101932 | train-rmspe:0.093668 | eval |
| [1351] | train-rmse:0.079098 -rmspe:0.105004 | eval-rmse:0.101927 | train-rmspe:0.093653 | eval |
| [1352] | train-rmse:0.079087 -rmspe:0.105001 | eval-rmse:0.10192 | train-rmspe:0.093642 | eval |
| [1353] | train-rmse:0.07908 -rmspe:0.104999 | eval-rmse:0.101917 | train-rmspe:0.093635 | eval |
| [1354] | train-rmse:0.07907 -rmspe:0.10499 | eval-rmse:0.10191 | train-rmspe:0.093623 | eval |
| [1355] | train-rmse:0.079068 -rmspe:0.10499 | eval-rmse:0.10191 | train-rmspe:0.093622 | eval |
| [1356] | train-rmse:0.079054 -rmspe:0.104983 | eval-rmse:0.101903 | train-rmspe:0.093604 | eval |
| [1357] | train-rmse:0.079037 -rmspe:0.104972 | eval-rmse:0.101894 | train-rmspe:0.093588 | eval |
| [1358] | train-rmse:0.079024 -rmspe:0.104966 | eval-rmse:0.101886 | train-rmspe:0.093571 | eval |
| [1359] | train-rmse:0.078999 -rmspe:0.10496 | eval-rmse:0.101882 | train-rmspe:0.093463 | eval |

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| [1360] | train-rmse:0.078983 | eval-rmse:0.101885 | train-rmspe:0.093448 | eval-rmspe:0.104959 |
| [1361] | train-rmse:0.07896 | eval-rmse:0.101876 | train-rmspe:0.093425 | eval-rmspe:0.104953 |
| [1362] | train-rmse:0.078942 | eval-rmse:0.101872 | train-rmspe:0.093407 | eval-rmspe:0.104949 |
| [1363] | train-rmse:0.078913 | eval-rmse:0.101865 | train-rmspe:0.093363 | eval-rmspe:0.104948 |
| [1364] | train-rmse:0.078893 | eval-rmse:0.101855 | train-rmspe:0.093341 | eval-rmspe:0.104937 |
| [1365] | train-rmse:0.078879 | eval-rmse:0.101851 | train-rmspe:0.093327 | eval-rmspe:0.104933 |
| [1366] | train-rmse:0.07887 | eval-rmse:0.101845 | train-rmspe:0.093317 | eval-rmspe:0.104925 |
| [1367] | train-rmse:0.078866 | eval-rmse:0.101837 | train-rmspe:0.093312 | eval-rmspe:0.104919 |
| [1368] | train-rmse:0.078849 | eval-rmse:0.101842 | train-rmspe:0.093291 | eval-rmspe:0.104923 |
| [1369] | train-rmse:0.078836 | eval-rmse:0.101839 | train-rmspe:0.093275 | eval-rmspe:0.104919 |
| [1370] | train-rmse:0.07882 | eval-rmse:0.101836 | train-rmspe:0.093256 | eval-rmspe:0.104914 |
| [1371] | train-rmse:0.078809 | eval-rmse:0.101829 | train-rmspe:0.093246 | eval-rmspe:0.104903 |
| [1372] | train-rmse:0.078789 | eval-rmse:0.101821 | train-rmspe:0.093234 | eval-rmspe:0.104896 |
| [1373] | train-rmse:0.078776 | eval-rmse:0.101813 | train-rmspe:0.093214 | eval-rmspe:0.104888 |
| [1374] | train-rmse:0.078767 | eval-rmse:0.101816 | train-rmspe:0.093206 | eval-rmspe:0.104891 |
| [1375] | train-rmse:0.078755 | eval-rmse:0.101813 | train-rmspe:0.093188 | eval-rmspe:0.104888 |
| [1376] | train-rmse:0.078745 | eval-rmse:0.101811 | train-rmspe:0.093131 | eval-rmspe:0.104888 |
| [1377] | train-rmse:0.078738 | eval-rmse:0.101807 | train-rmspe:0.093125 | eval-rmspe:0.104882 |
| [1378] | train-rmse:0.078729 | eval-rmse:0.101802 | train-rmspe:0.093116 | eval-rmspe:0.104872 |
| [1379] | train-rmse:0.078713 | eval-rmse:0.101795 | train-rmspe:0.093101 | eval-rmspe:0.104862 |
| [1380] | train-rmse:0.078704 | eval-rmse:0.101791 | train-rmspe:0.093089 | eval-rmspe:0.104857 |
| [1381] | train-rmse:0.07869 | eval-rmse:0.101784 | train-rmspe:0.093073 | eval-rmspe:0.104849 |

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| [1382] | train-rmse:0.078673 | eval-rmse:0.101778 | train-rmspe:0.093048 | eval-rmspe:0.104844 |
| [1383] | train-rmse:0.07866 | eval-rmse:0.101762 | train-rmspe:0.09303 | eval-rmspe:0.104829 |
| [1384] | train-rmse:0.078638 | eval-rmse:0.101762 | train-rmspe:0.093008 | eval-rmspe:0.10483 |
| [1385] | train-rmse:0.078617 | eval-rmse:0.10175 | train-rmspe:0.092988 | eval-rmspe:0.104818 |
| [1386] | train-rmse:0.078593 | eval-rmse:0.101742 | train-rmspe:0.092957 | eval-rmspe:0.104811 |
| [1387] | train-rmse:0.078578 | eval-rmse:0.101731 | train-rmspe:0.092942 | eval-rmspe:0.1048 |
| [1388] | train-rmse:0.07856 | eval-rmse:0.101721 | train-rmspe:0.092926 | eval-rmspe:0.104788 |
| [1389] | train-rmse:0.078553 | eval-rmse:0.101724 | train-rmspe:0.09292 | eval-rmspe:0.104795 |
| [1390] | train-rmse:0.078542 | eval-rmse:0.101727 | train-rmspe:0.092906 | eval-rmspe:0.104798 |
| [1391] | train-rmse:0.078532 | eval-rmse:0.101729 | train-rmspe:0.092897 | eval-rmspe:0.1048 |
| [1392] | train-rmse:0.078509 | eval-rmse:0.101723 | train-rmspe:0.092864 | eval-rmspe:0.104793 |
| [1393] | train-rmse:0.078497 | eval-rmse:0.101715 | train-rmspe:0.09285 | eval-rmspe:0.104787 |
| [1394] | train-rmse:0.078484 | eval-rmse:0.101714 | train-rmspe:0.092832 | eval-rmspe:0.104788 |
| [1395] | train-rmse:0.078477 | eval-rmse:0.101708 | train-rmspe:0.092826 | eval-rmspe:0.104783 |
| [1396] | train-rmse:0.078465 | eval-rmse:0.101691 | train-rmspe:0.092814 | eval-rmspe:0.10477 |
| [1397] | train-rmse:0.078448 | eval-rmse:0.101677 | train-rmspe:0.092789 | eval-rmspe:0.104761 |
| [1398] | train-rmse:0.078432 | eval-rmse:0.10167 | train-rmspe:0.092773 | eval-rmspe:0.104755 |
| [1399] | train-rmse:0.078428 | eval-rmse:0.10167 | train-rmspe:0.092769 | eval-rmspe:0.104755 |
| [1400] | train-rmse:0.078408 | eval-rmse:0.101666 | train-rmspe:0.092746 | eval-rmspe:0.104749 |
| [1401] | train-rmse:0.078388 | eval-rmse:0.101652 | train-rmspe:0.092718 | eval-rmspe:0.104738 |
| [1402] | train-rmse:0.078374 | eval-rmse:0.101651 | train-rmspe:0.092703 | eval-rmspe:0.104737 |
| [1403] | train-rmse:0.078361 | eval-rmse:0.101638 | train-rmspe:0.092686 | eval-rmspe:0.104723 |

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| [1404] | train-rmse:0.078346 | eval-rmse:0.101633 | train-rmspe:0.092672 | eval-rmspe:0.104719 |
| [1405] | train-rmse:0.078328 | eval-rmse:0.10163 | train-rmspe:0.092651 | eval-rmspe:0.104711 |
| [1406] | train-rmse:0.078315 | eval-rmse:0.101628 | train-rmspe:0.092635 | eval-rmspe:0.10471 |
| [1407] | train-rmse:0.078309 | eval-rmse:0.101619 | train-rmspe:0.092628 | eval-rmspe:0.104704 |
| [1408] | train-rmse:0.078296 | eval-rmse:0.101612 | train-rmspe:0.092614 | eval-rmspe:0.104698 |
| [1409] | train-rmse:0.078286 | eval-rmse:0.101605 | train-rmspe:0.092605 | eval-rmspe:0.104695 |
| [1410] | train-rmse:0.07828 | eval-rmse:0.101608 | train-rmspe:0.092598 | eval-rmspe:0.104698 |
| [1411] | train-rmse:0.078268 | eval-rmse:0.101607 | train-rmspe:0.092584 | eval-rmspe:0.104697 |
| [1412] | train-rmse:0.078256 | eval-rmse:0.101606 | train-rmspe:0.092571 | eval-rmspe:0.104697 |
| [1413] | train-rmse:0.078234 | eval-rmse:0.101593 | train-rmspe:0.092534 | eval-rmspe:0.104685 |
| [1414] | train-rmse:0.078223 | eval-rmse:0.10159 | train-rmspe:0.092516 | eval-rmspe:0.104683 |
| [1415] | train-rmse:0.078216 | eval-rmse:0.101591 | train-rmspe:0.092508 | eval-rmspe:0.104683 |
| [1416] | train-rmse:0.07821 | eval-rmse:0.101565 | train-rmspe:0.092504 | eval-rmspe:0.104664 |
| [1417] | train-rmse:0.078197 | eval-rmse:0.101549 | train-rmspe:0.092491 | eval-rmspe:0.104646 |
| [1418] | train-rmse:0.07819 | eval-rmse:0.101555 | train-rmspe:0.092482 | eval-rmspe:0.104651 |
| [1419] | train-rmse:0.078174 | eval-rmse:0.101544 | train-rmspe:0.092467 | eval-rmspe:0.10464 |
| [1420] | train-rmse:0.078161 | eval-rmse:0.101538 | train-rmspe:0.092455 | eval-rmspe:0.104633 |
| [1421] | train-rmse:0.078149 | eval-rmse:0.101529 | train-rmspe:0.092441 | eval-rmspe:0.104626 |
| [1422] | train-rmse:0.078135 | eval-rmse:0.101526 | train-rmspe:0.092425 | eval-rmspe:0.104623 |
| [1423] | train-rmse:0.078122 | eval-rmse:0.101523 | train-rmspe:0.092414 | eval-rmspe:0.104621 |
| [1424] | train-rmse:0.078113 | eval-rmse:0.101522 | train-rmspe:0.092399 | eval-rmspe:0.104621 |
| [1425] | train-rmse:0.078086 | eval-rmse:0.101524 | train-rmspe:0.092355 | eval-rmspe:0.104628 |

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| [1426] | train-rmse:0.078076 -rmspe:0.104624 | eval-rmse:0.101521 | train-rmspe:0.092347 | eval |
| [1427] | train-rmse:0.078063 -rmspe:0.104619 | eval-rmse:0.101514 | train-rmspe:0.092332 | eval |
| [1428] | train-rmse:0.078051 -rmspe:0.10462 | eval-rmse:0.101511 | train-rmspe:0.09227 | eval |
| [1429] | train-rmse:0.078039 -rmspe:0.104616 | eval-rmse:0.10151 | train-rmspe:0.092152 | eval |
| [1430] | train-rmse:0.078027 -rmspe:0.104615 | eval-rmse:0.10151 | train-rmspe:0.092132 | eval |
| [1431] | train-rmse:0.078002 -rmspe:0.104601 | eval-rmse:0.101498 | train-rmspe:0.092094 | eval |
| [1432] | train-rmse:0.07799 -rmspe:0.104602 | eval-rmse:0.101496 | train-rmspe:0.092083 | eval |
| [1433] | train-rmse:0.077978 -rmspe:0.104608 | eval-rmse:0.101502 | train-rmspe:0.092071 | eval |
| [1434] | train-rmse:0.077971 -rmspe:0.104597 | eval-rmse:0.101493 | train-rmspe:0.092062 | eval |
| [1435] | train-rmse:0.077959 -rmspe:0.104597 | eval-rmse:0.101492 | train-rmspe:0.092046 | eval |
| [1436] | train-rmse:0.077942 -rmspe:0.104594 | eval-rmse:0.101491 | train-rmspe:0.092025 | eval |
| [1437] | train-rmse:0.077928 -rmspe:0.104588 | eval-rmse:0.101483 | train-rmspe:0.092006 | eval |
| [1438] | train-rmse:0.077914 -rmspe:0.104581 | eval-rmse:0.101474 | train-rmspe:0.091994 | eval |
| [1439] | train-rmse:0.077888 -rmspe:0.104569 | eval-rmse:0.101465 | train-rmspe:0.091968 | eval |
| [1440] | train-rmse:0.077855 -rmspe:0.104548 | eval-rmse:0.101449 | train-rmspe:0.091926 | eval |
| [1441] | train-rmse:0.077842 -rmspe:0.104544 | eval-rmse:0.101447 | train-rmspe:0.091912 | eval |
| [1442] | train-rmse:0.077824 -rmspe:0.104546 | eval-rmse:0.101453 | train-rmspe:0.091887 | eval |
| [1443] | train-rmse:0.07781 -rmspe:0.104542 | eval-rmse:0.10145 | train-rmspe:0.091871 | eval |
| [1444] | train-rmse:0.077799 -rmspe:0.104535 | eval-rmse:0.101442 | train-rmspe:0.091854 | eval |
| [1445] | train-rmse:0.077791 -rmspe:0.104531 | eval-rmse:0.101437 | train-rmspe:0.09186 | eval |
| [1446] | train-rmse:0.077771 -rmspe:0.104527 | eval-rmse:0.101433 | train-rmspe:0.091841 | eval |
| [1447] | train-rmse:0.077754 -rmspe:0.104517 | eval-rmse:0.101421 | train-rmspe:0.091823 | eval |

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| [1448] | train-rmse:0.077752 | eval-rmse:0.10142 | train-rmspe:0.091822 | eval-rmspe:0.104519 |
| [1449] | train-rmse:0.077747 | eval-rmse:0.101418 | train-rmspe:0.091817 | eval-rmspe:0.104516 |
| [1450] | train-rmse:0.07773 | eval-rmse:0.101413 | train-rmspe:0.091799 | eval-rmspe:0.104513 |
| [1451] | train-rmse:0.077718 | eval-rmse:0.101402 | train-rmspe:0.091781 | eval-rmspe:0.104504 |
| [1452] | train-rmse:0.077696 | eval-rmse:0.10139 | train-rmspe:0.091742 | eval-rmspe:0.104496 |
| [1453] | train-rmse:0.07767 | eval-rmse:0.10138 | train-rmspe:0.091713 | eval-rmspe:0.104483 |
| [1454] | train-rmse:0.077661 | eval-rmse:0.101379 | train-rmspe:0.091703 | eval-rmspe:0.104483 |
| [1455] | train-rmse:0.077653 | eval-rmse:0.101379 | train-rmspe:0.091695 | eval-rmspe:0.104484 |
| [1456] | train-rmse:0.077634 | eval-rmse:0.101369 | train-rmspe:0.091625 | eval-rmspe:0.104473 |
| [1457] | train-rmse:0.077617 | eval-rmse:0.10136 | train-rmspe:0.091516 | eval-rmspe:0.104463 |
| [1458] | train-rmse:0.077604 | eval-rmse:0.101354 | train-rmspe:0.091503 | eval-rmspe:0.104458 |
| [1459] | train-rmse:0.077588 | eval-rmse:0.101349 | train-rmspe:0.091486 | eval-rmspe:0.104453 |
| [1460] | train-rmse:0.077573 | eval-rmse:0.101351 | train-rmspe:0.091469 | eval-rmspe:0.104453 |
| [1461] | train-rmse:0.077564 | eval-rmse:0.101349 | train-rmspe:0.09146 | eval-rmspe:0.104454 |
| [1462] | train-rmse:0.077549 | eval-rmse:0.101349 | train-rmspe:0.091445 | eval-rmspe:0.104453 |
| [1463] | train-rmse:0.077539 | eval-rmse:0.101358 | train-rmspe:0.091431 | eval-rmspe:0.104457 |
| [1464] | train-rmse:0.077523 | eval-rmse:0.101342 | train-rmspe:0.091417 | eval-rmspe:0.104439 |
| [1465] | train-rmse:0.077509 | eval-rmse:0.10134 | train-rmspe:0.091402 | eval-rmspe:0.104438 |
| [1466] | train-rmse:0.077482 | eval-rmse:0.101329 | train-rmspe:0.091376 | eval-rmspe:0.104428 |
| [1467] | train-rmse:0.077472 | eval-rmse:0.101322 | train-rmspe:0.090989 | eval-rmspe:0.104421 |
| [1468] | train-rmse:0.07745 | eval-rmse:0.101316 | train-rmspe:0.09095 | eval-rmspe:0.104416 |
| [1469] | train-rmse:0.077424 | eval-rmse:0.101326 | train-rmspe:0.090918 | eval-rmspe:0.104418 |

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| [1470] | train-rmse:0.077402 | eval-rmse:0.10132 | train-rmspe:0.090867 | eval |
| | -rmspe:0.10441 | | | |
| [1471] | train-rmse:0.077392 | eval-rmse:0.101321 | train-rmspe:0.090854 | eval |
| | -rmspe:0.10441 | | | |
| [1472] | train-rmse:0.077375 | eval-rmse:0.101313 | train-rmspe:0.090836 | eval |
| | -rmspe:0.1044 | | | |
| [1473] | train-rmse:0.077366 | eval-rmse:0.101305 | train-rmspe:0.090827 | eval |
| | -rmspe:0.104393 | | | |
| [1474] | train-rmse:0.077359 | eval-rmse:0.101298 | train-rmspe:0.090819 | eval |
| | -rmspe:0.104388 | | | |
| [1475] | train-rmse:0.077344 | eval-rmse:0.101291 | train-rmspe:0.090804 | eval |
| | -rmspe:0.104381 | | | |
| [1476] | train-rmse:0.077338 | eval-rmse:0.101309 | train-rmspe:0.090799 | eval |
| | -rmspe:0.104393 | | | |
| [1477] | train-rmse:0.07732 | eval-rmse:0.101298 | train-rmspe:0.090782 | eval |
| | -rmspe:0.104384 | | | |
| [1478] | train-rmse:0.077303 | eval-rmse:0.101294 | train-rmspe:0.09007 | eval |
| | -rmspe:0.104379 | | | |
| [1479] | train-rmse:0.077296 | eval-rmse:0.101294 | train-rmspe:0.090065 | eval |
| | -rmspe:0.104375 | | | |
| [1480] | train-rmse:0.077289 | eval-rmse:0.101296 | train-rmspe:0.090054 | eval |
| | -rmspe:0.104376 | | | |
| [1481] | train-rmse:0.077282 | eval-rmse:0.101294 | train-rmspe:0.090043 | eval |
| | -rmspe:0.104375 | | | |
| [1482] | train-rmse:0.077269 | eval-rmse:0.101282 | train-rmspe:0.090031 | eval |
| | -rmspe:0.10437 | | | |
| [1483] | train-rmse:0.077253 | eval-rmse:0.101278 | train-rmspe:0.090009 | eval |
| | -rmspe:0.104366 | | | |
| [1484] | train-rmse:0.077243 | eval-rmse:0.10127 | train-rmspe:0.089998 | eval |
| | -rmspe:0.104353 | | | |
| [1485] | train-rmse:0.077231 | eval-rmse:0.101271 | train-rmspe:0.089985 | eval |
| | -rmspe:0.104355 | | | |
| [1486] | train-rmse:0.077218 | eval-rmse:0.101261 | train-rmspe:0.089966 | eval |
| | -rmspe:0.104348 | | | |
| [1487] | train-rmse:0.077203 | eval-rmse:0.101257 | train-rmspe:0.089952 | eval |
| | -rmspe:0.104344 | | | |
| [1488] | train-rmse:0.077183 | eval-rmse:0.101237 | train-rmspe:0.089932 | eval |
| | -rmspe:0.104322 | | | |
| [1489] | train-rmse:0.077169 | eval-rmse:0.10123 | train-rmspe:0.089915 | eval |
| | -rmspe:0.104314 | | | |
| [1490] | train-rmse:0.077153 | eval-rmse:0.101231 | train-rmspe:0.089863 | eval |
| | -rmspe:0.104311 | | | |
| [1491] | train-rmse:0.077147 | eval-rmse:0.101223 | train-rmspe:0.089859 | eval |
| | -rmspe:0.104308 | | | |

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| [1492] | train-rmse:0.077123 -rmspe:0.104298 | eval-rmse:0.101211 | train-rmspe:0.089231 | eval |
| [1493] | train-rmse:0.077108 -rmspe:0.104291 | eval-rmse:0.101204 | train-rmspe:0.089131 | eval |
| [1494] | train-rmse:0.077095 -rmspe:0.104286 | eval-rmse:0.101202 | train-rmspe:0.089117 | eval |
| [1495] | train-rmse:0.077082 -rmspe:0.10428 | eval-rmse:0.101196 | train-rmspe:0.089101 | eval |
| [1496] | train-rmse:0.077072 -rmspe:0.104281 | eval-rmse:0.101197 | train-rmspe:0.08909 | eval |
| [1497] | train-rmse:0.077062 -rmspe:0.104259 | eval-rmse:0.101182 | train-rmspe:0.089079 | eval |
| [1498] | train-rmse:0.077043 -rmspe:0.104252 | eval-rmse:0.101175 | train-rmspe:0.089057 | eval |
| [1499] | train-rmse:0.077028 -rmspe:0.104252 | eval-rmse:0.101175 | train-rmspe:0.089041 | eval |
| [1500] | train-rmse:0.077005 -rmspe:0.104246 | eval-rmse:0.101169 | train-rmspe:0.089013 | eval |
| [1501] | train-rmse:0.076994 -rmspe:0.104242 | eval-rmse:0.101166 | train-rmspe:0.088998 | eval |
| [1502] | train-rmse:0.076982 -rmspe:0.104246 | eval-rmse:0.101168 | train-rmspe:0.08898 | eval |
| [1503] | train-rmse:0.07697 -rmspe:0.104251 | eval-rmse:0.101169 | train-rmspe:0.088968 | eval |
| [1504] | train-rmse:0.076954 -rmspe:0.104237 | eval-rmse:0.101157 | train-rmspe:0.088952 | eval |
| [1505] | train-rmse:0.076944 -rmspe:0.104232 | eval-rmse:0.101154 | train-rmspe:0.08894 | eval |
| [1506] | train-rmse:0.076925 -rmspe:0.104231 | eval-rmse:0.101154 | train-rmspe:0.088919 | eval |
| [1507] | train-rmse:0.076908 -rmspe:0.104226 | eval-rmse:0.101149 | train-rmspe:0.088892 | eval |
| [1508] | train-rmse:0.076887 -rmspe:0.104217 | eval-rmse:0.10114 | train-rmspe:0.088856 | eval |
| [1509] | train-rmse:0.076873 -rmspe:0.10421 | eval-rmse:0.101131 | train-rmspe:0.08884 | eval |
| [1510] | train-rmse:0.076862 -rmspe:0.104211 | eval-rmse:0.101131 | train-rmspe:0.088819 | eval |
| [1511] | train-rmse:0.076852 -rmspe:0.104206 | eval-rmse:0.101125 | train-rmspe:0.088806 | eval |
| [1512] | train-rmse:0.076845 -rmspe:0.104201 | eval-rmse:0.101124 | train-rmspe:0.0888 | eval |
| [1513] | train-rmse:0.076833 -rmspe:0.104195 | eval-rmse:0.101118 | train-rmspe:0.088786 | eval |

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| [1514] | train-rmse:0.076827 | eval-rmse:0.101114 | train-rmspe:0.088777 | eval-rmspe:0.104192 |
| [1515] | train-rmse:0.076806 | eval-rmse:0.101102 | train-rmspe:0.088758 | eval-rmspe:0.104183 |
| [1516] | train-rmse:0.076794 | eval-rmse:0.101078 | train-rmspe:0.088745 | eval-rmspe:0.104166 |
| [1517] | train-rmse:0.076779 | eval-rmse:0.101073 | train-rmspe:0.088729 | eval-rmspe:0.104162 |
| [1518] | train-rmse:0.076769 | eval-rmse:0.101065 | train-rmspe:0.088718 | eval-rmspe:0.10415 |
| [1519] | train-rmse:0.076761 | eval-rmse:0.101064 | train-rmspe:0.088698 | eval-rmspe:0.10415 |
| [1520] | train-rmse:0.076739 | eval-rmse:0.10106 | train-rmspe:0.088667 | eval-rmspe:0.104141 |
| [1521] | train-rmse:0.076731 | eval-rmse:0.101056 | train-rmspe:0.088657 | eval-rmspe:0.10414 |
| [1522] | train-rmse:0.076714 | eval-rmse:0.101051 | train-rmspe:0.088636 | eval-rmspe:0.104133 |
| [1523] | train-rmse:0.076695 | eval-rmse:0.101042 | train-rmspe:0.088605 | eval-rmspe:0.104126 |
| [1524] | train-rmse:0.076687 | eval-rmse:0.101036 | train-rmspe:0.088598 | eval-rmspe:0.10412 |
| [1525] | train-rmse:0.07668 | eval-rmse:0.101028 | train-rmspe:0.088592 | eval-rmspe:0.104098 |
| [1526] | train-rmse:0.076672 | eval-rmse:0.101022 | train-rmspe:0.088581 | eval-rmspe:0.104095 |
| [1527] | train-rmse:0.076654 | eval-rmse:0.101013 | train-rmspe:0.088638 | eval-rmspe:0.104088 |
| [1528] | train-rmse:0.07663 | eval-rmse:0.101006 | train-rmspe:0.088615 | eval-rmspe:0.104079 |
| [1529] | train-rmse:0.076621 | eval-rmse:0.101004 | train-rmspe:0.088603 | eval-rmspe:0.104077 |
| [1530] | train-rmse:0.076611 | eval-rmse:0.101014 | train-rmspe:0.088593 | eval-rmspe:0.104077 |
| [1531] | train-rmse:0.076591 | eval-rmse:0.101006 | train-rmspe:0.088567 | eval-rmspe:0.10407 |
| [1532] | train-rmse:0.076571 | eval-rmse:0.100978 | train-rmspe:0.088546 | eval-rmspe:0.104051 |
| [1533] | train-rmse:0.076556 | eval-rmse:0.100963 | train-rmspe:0.088527 | eval-rmspe:0.104039 |
| [1534] | train-rmse:0.076531 | eval-rmse:0.100947 | train-rmspe:0.088489 | eval-rmspe:0.104022 |
| [1535] | train-rmse:0.076516 | eval-rmse:0.100945 | train-rmspe:0.088461 | eval-rmspe:0.104022 |

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| [1536] | train-rmse:0.076506 | eval-rmse:0.100941 | train-rmspe:0.088452 | eval-rmspe:0.104018 |
| [1537] | train-rmse:0.076494 | eval-rmse:0.100925 | train-rmspe:0.088434 | eval-rmspe:0.104004 |
| [1538] | train-rmse:0.076476 | eval-rmse:0.10092 | train-rmspe:0.088417 | eval-rmspe:0.104006 |
| [1539] | train-rmse:0.07646 | eval-rmse:0.100911 | train-rmspe:0.088392 | eval-rmspe:0.103995 |
| [1540] | train-rmse:0.076448 | eval-rmse:0.100914 | train-rmspe:0.088404 | eval-rmspe:0.103993 |
| [1541] | train-rmse:0.076437 | eval-rmse:0.10091 | train-rmspe:0.088394 | eval-rmspe:0.103991 |
| [1542] | train-rmse:0.076427 | eval-rmse:0.10091 | train-rmspe:0.088372 | eval-rmspe:0.103989 |
| [1543] | train-rmse:0.076413 | eval-rmse:0.100907 | train-rmspe:0.088351 | eval-rmspe:0.103985 |
| [1544] | train-rmse:0.0764 | eval-rmse:0.100903 | train-rmspe:0.08832 | eval-rmspe:0.103983 |
| [1545] | train-rmse:0.076375 | eval-rmse:0.100905 | train-rmspe:0.08828 | eval-rmspe:0.103979 |
| [1546] | train-rmse:0.07636 | eval-rmse:0.1009 | train-rmspe:0.088264 | eval-rmspe:0.103979 |
| [1547] | train-rmse:0.076351 | eval-rmse:0.100896 | train-rmspe:0.088255 | eval-rmspe:0.103976 |
| [1548] | train-rmse:0.076339 | eval-rmse:0.100887 | train-rmspe:0.088242 | eval-rmspe:0.103967 |
| [1549] | train-rmse:0.076322 | eval-rmse:0.100879 | train-rmspe:0.088215 | eval-rmspe:0.103957 |
| [1550] | train-rmse:0.076307 | eval-rmse:0.100872 | train-rmspe:0.088197 | eval-rmspe:0.103949 |
| [1551] | train-rmse:0.076291 | eval-rmse:0.100873 | train-rmspe:0.088181 | eval-rmspe:0.103949 |
| [1552] | train-rmse:0.076267 | eval-rmse:0.100864 | train-rmspe:0.088156 | eval-rmspe:0.103941 |
| [1553] | train-rmse:0.076262 | eval-rmse:0.100864 | train-rmspe:0.088151 | eval-rmspe:0.103943 |
| [1554] | train-rmse:0.076248 | eval-rmse:0.100836 | train-rmspe:0.088137 | eval-rmspe:0.103909 |
| [1555] | train-rmse:0.076239 | eval-rmse:0.100828 | train-rmspe:0.088129 | eval-rmspe:0.103902 |
| [1556] | train-rmse:0.076228 | eval-rmse:0.100817 | train-rmspe:0.088118 | eval-rmspe:0.103893 |
| [1557] | train-rmse:0.076216 | eval-rmse:0.10081 | train-rmspe:0.088104 | eval-rmspe:0.103886 |

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| [1558] | train-rmse:0.076196 | eval-rmse:0.100794 | train-rmspe:0.088068 | eval-rmspe:0.103875 |
| [1559] | train-rmse:0.076185 | eval-rmse:0.100795 | train-rmspe:0.088057 | eval-rmspe:0.103875 |
| [1560] | train-rmse:0.076166 | eval-rmse:0.100793 | train-rmspe:0.088012 | eval-rmspe:0.103873 |
| [1561] | train-rmse:0.076156 | eval-rmse:0.100786 | train-rmspe:0.088 | eval-rmspe:0.103866 |
| [1562] | train-rmse:0.076144 | eval-rmse:0.100779 | train-rmspe:0.087985 | eval-rmspe:0.10386 |
| [1563] | train-rmse:0.07613 | eval-rmse:0.100772 | train-rmspe:0.087965 | eval-rmspe:0.103854 |
| [1564] | train-rmse:0.076117 | eval-rmse:0.100772 | train-rmspe:0.087952 | eval-rmspe:0.103854 |
| [1565] | train-rmse:0.076096 | eval-rmse:0.10077 | train-rmspe:0.087897 | eval-rmspe:0.103851 |
| [1566] | train-rmse:0.076091 | eval-rmse:0.100771 | train-rmspe:0.087893 | eval-rmspe:0.10385 |
| [1567] | train-rmse:0.076082 | eval-rmse:0.100768 | train-rmspe:0.087885 | eval-rmspe:0.103849 |
| [1568] | train-rmse:0.076072 | eval-rmse:0.100768 | train-rmspe:0.087876 | eval-rmspe:0.103848 |
| [1569] | train-rmse:0.076064 | eval-rmse:0.100778 | train-rmspe:0.087868 | eval-rmspe:0.103873 |
| [1570] | train-rmse:0.076049 | eval-rmse:0.100773 | train-rmspe:0.087848 | eval-rmspe:0.103866 |
| [1571] | train-rmse:0.076038 | eval-rmse:0.100772 | train-rmspe:0.087837 | eval-rmspe:0.103869 |
| [1572] | train-rmse:0.076025 | eval-rmse:0.100765 | train-rmspe:0.087299 | eval-rmspe:0.103861 |
| [1573] | train-rmse:0.076007 | eval-rmse:0.100762 | train-rmspe:0.087276 | eval-rmspe:0.103859 |
| [1574] | train-rmse:0.075997 | eval-rmse:0.100761 | train-rmspe:0.087267 | eval-rmspe:0.103859 |
| [1575] | train-rmse:0.075983 | eval-rmse:0.10076 | train-rmspe:0.087248 | eval-rmspe:0.103856 |
| [1576] | train-rmse:0.075979 | eval-rmse:0.100762 | train-rmspe:0.087245 | eval-rmspe:0.103857 |
| [1577] | train-rmse:0.075961 | eval-rmse:0.100773 | train-rmspe:0.087214 | eval-rmspe:0.103875 |
| [1578] | train-rmse:0.075947 | eval-rmse:0.100772 | train-rmspe:0.0872 | eval-rmspe:0.103873 |
| [1579] | train-rmse:0.075938 | eval-rmse:0.10077 | train-rmspe:0.08719 | eval-rmspe:0.103868 |

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| [1580] | train-rmse:0.075928 -rmspe:0.103865 | eval-rmse:0.100766 | train-rmspe:0.08718 | eval |
| [1581] | train-rmse:0.075913 -rmspe:0.103848 | eval-rmse:0.100758 | train-rmspe:0.087161 | eval |
| [1582] | train-rmse:0.075904 -rmspe:0.103845 | eval-rmse:0.100755 | train-rmspe:0.087153 | eval |
| [1583] | train-rmse:0.075889 -rmspe:0.103839 | eval-rmse:0.10075 | train-rmspe:0.087139 | eval |
| [1584] | train-rmse:0.07588 -rmspe:0.103838 | eval-rmse:0.100749 | train-rmspe:0.08713 | eval |
| [1585] | train-rmse:0.075873 -rmspe:0.103836 | eval-rmse:0.100742 | train-rmspe:0.08712 | eval |
| [1586] | train-rmse:0.07586 -rmspe:0.103816 | eval-rmse:0.10072 | train-rmspe:0.087106 | eval |
| [1587] | train-rmse:0.075848 -rmspe:0.103814 | eval-rmse:0.100718 | train-rmspe:0.08708 | eval |
| [1588] | train-rmse:0.075839 -rmspe:0.103813 | eval-rmse:0.100717 | train-rmspe:0.087068 | eval |
| [1589] | train-rmse:0.075832 -rmspe:0.103812 | eval-rmse:0.100715 | train-rmspe:0.087061 | eval |
| [1590] | train-rmse:0.075818 -rmspe:0.10381 | eval-rmse:0.100714 | train-rmspe:0.087046 | eval |
| [1591] | train-rmse:0.075791 -rmspe:0.103804 | eval-rmse:0.100707 | train-rmspe:0.087018 | eval |
| [1592] | train-rmse:0.075767 -rmspe:0.10379 | eval-rmse:0.100696 | train-rmspe:0.086987 | eval |
| [1593] | train-rmse:0.075763 -rmspe:0.103791 | eval-rmse:0.100697 | train-rmspe:0.086982 | eval |
| [1594] | train-rmse:0.075751 -rmspe:0.1038 | eval-rmse:0.100699 | train-rmspe:0.086964 | eval |
| [1595] | train-rmse:0.075728 -rmspe:0.103786 | eval-rmse:0.10069 | train-rmspe:0.086932 | eval |
| [1596] | train-rmse:0.075716 -rmspe:0.103785 | eval-rmse:0.100686 | train-rmspe:0.086839 | eval |
| [1597] | train-rmse:0.075697 -rmspe:0.103779 | eval-rmse:0.100681 | train-rmspe:0.086821 | eval |
| [1598] | train-rmse:0.075684 -rmspe:0.103775 | eval-rmse:0.100677 | train-rmspe:0.086798 | eval |
| [1599] | train-rmse:0.075671 -rmspe:0.103767 | eval-rmse:0.100668 | train-rmspe:0.086784 | eval |
| [1600] | train-rmse:0.075655 -rmspe:0.103759 | eval-rmse:0.100661 | train-rmspe:0.086764 | eval |
| [1601] | train-rmse:0.075643 -rmspe:0.103763 | eval-rmse:0.100665 | train-rmspe:0.086749 | eval |

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| [1602] | train-rmse:0.075633 -rmspe:0.103759 | eval-rmse:0.100661 | train-rmspe:0.086739 | eval |
| [1603] | train-rmse:0.075622 -rmspe:0.103755 | eval-rmse:0.100657 | train-rmspe:0.086728 | eval |
| [1604] | train-rmse:0.075605 -rmspe:0.103745 | eval-rmse:0.100647 | train-rmspe:0.086711 | eval |
| [1605] | train-rmse:0.07559 -rmspe:0.103738 | eval-rmse:0.100646 | train-rmspe:0.086695 | eval |
| [1606] | train-rmse:0.075574 -rmspe:0.103738 | eval-rmse:0.10065 | train-rmspe:0.086677 | eval |
| [1607] | train-rmse:0.075562 -rmspe:0.103736 | eval-rmse:0.100644 | train-rmspe:0.086648 | eval |
| [1608] | train-rmse:0.075551 -rmspe:0.103736 | eval-rmse:0.100643 | train-rmspe:0.086635 | eval |
| [1609] | train-rmse:0.075531 -rmspe:0.103721 | eval-rmse:0.10063 | train-rmspe:0.086619 | eval |
| [1610] | train-rmse:0.075524 -rmspe:0.103724 | eval-rmse:0.100634 | train-rmspe:0.086609 | eval |
| [1611] | train-rmse:0.07552 -rmspe:0.10372 | eval-rmse:0.10063 | train-rmspe:0.086605 | eval |
| [1612] | train-rmse:0.075503 -rmspe:0.1037 | eval-rmse:0.100613 | train-rmspe:0.086589 | eval |
| [1613] | train-rmse:0.07549 -rmspe:0.103702 | eval-rmse:0.100615 | train-rmspe:0.086572 | eval |
| [1614] | train-rmse:0.075479 -rmspe:0.103703 | eval-rmse:0.100614 | train-rmspe:0.086557 | eval |
| [1615] | train-rmse:0.075457 -rmspe:0.103698 | eval-rmse:0.100609 | train-rmspe:0.086534 | eval |
| [1616] | train-rmse:0.075449 -rmspe:0.103697 | eval-rmse:0.100607 | train-rmspe:0.086525 | eval |
| [1617] | train-rmse:0.075429 -rmspe:0.103682 | eval-rmse:0.100592 | train-rmspe:0.086482 | eval |
| [1618] | train-rmse:0.07542 -rmspe:0.103677 | eval-rmse:0.100586 | train-rmspe:0.086463 | eval |
| [1619] | train-rmse:0.075411 -rmspe:0.103678 | eval-rmse:0.100589 | train-rmspe:0.086446 | eval |
| [1620] | train-rmse:0.0754 -rmspe:0.103678 | eval-rmse:0.100587 | train-rmspe:0.086433 | eval |
| [1621] | train-rmse:0.075385 -rmspe:0.10368 | eval-rmse:0.100594 | train-rmspe:0.086345 | eval |
| [1622] | train-rmse:0.07537 -rmspe:0.103675 | eval-rmse:0.10059 | train-rmspe:0.086332 | eval |
| [1623] | train-rmse:0.075358 -rmspe:0.103671 | eval-rmse:0.100586 | train-rmspe:0.086319 | eval |

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| [1624] | train-rmse:0.075339 | eval-rmse:0.100596 | train-rmspe:0.086284 | eval-rmspe:0.103689 |
| [1625] | train-rmse:0.075329 | eval-rmse:0.100596 | train-rmspe:0.086271 | eval-rmspe:0.103689 |
| [1626] | train-rmse:0.075311 | eval-rmse:0.100591 | train-rmspe:0.08625 | eval-rmspe:0.103683 |
| [1627] | train-rmse:0.075294 | eval-rmse:0.100584 | train-rmspe:0.086233 | eval-rmspe:0.103678 |
| [1628] | train-rmse:0.075278 | eval-rmse:0.100579 | train-rmspe:0.086214 | eval-rmspe:0.103672 |
| [1629] | train-rmse:0.075267 | eval-rmse:0.100576 | train-rmspe:0.086202 | eval-rmspe:0.103666 |
| [1630] | train-rmse:0.075263 | eval-rmse:0.100584 | train-rmspe:0.086199 | eval-rmspe:0.103672 |
| [1631] | train-rmse:0.075257 | eval-rmse:0.100589 | train-rmspe:0.086192 | eval-rmspe:0.103678 |
| [1632] | train-rmse:0.075248 | eval-rmse:0.10059 | train-rmspe:0.086119 | eval-rmspe:0.103679 |
| [1633] | train-rmse:0.075234 | eval-rmse:0.10061 | train-rmspe:0.086102 | eval-rmspe:0.103668 |
| [1634] | train-rmse:0.075219 | eval-rmse:0.100588 | train-rmspe:0.086088 | eval-rmspe:0.103648 |
| [1635] | train-rmse:0.075211 | eval-rmse:0.100598 | train-rmspe:0.08608 | eval-rmspe:0.103657 |
| [1636] | train-rmse:0.075205 | eval-rmse:0.100597 | train-rmspe:0.086074 | eval-rmspe:0.103657 |
| [1637] | train-rmse:0.075196 | eval-rmse:0.100592 | train-rmspe:0.086064 | eval-rmspe:0.103653 |
| [1638] | train-rmse:0.075176 | eval-rmse:0.100584 | train-rmspe:0.086041 | eval-rmspe:0.103645 |
| [1639] | train-rmse:0.075167 | eval-rmse:0.100578 | train-rmspe:0.086031 | eval-rmspe:0.10364 |
| [1640] | train-rmse:0.075152 | eval-rmse:0.100553 | train-rmspe:0.086014 | eval-rmspe:0.103609 |
| [1641] | train-rmse:0.07514 | eval-rmse:0.100559 | train-rmspe:0.086001 | eval-rmspe:0.103623 |
| [1642] | train-rmse:0.075119 | eval-rmse:0.100558 | train-rmspe:0.085988 | eval-rmspe:0.103621 |
| [1643] | train-rmse:0.075104 | eval-rmse:0.100541 | train-rmspe:0.085969 | eval-rmspe:0.103603 |
| [1644] | train-rmse:0.075087 | eval-rmse:0.100541 | train-rmspe:0.085932 | eval-rmspe:0.103601 |
| [1645] | train-rmse:0.075079 | eval-rmse:0.100537 | train-rmspe:0.085925 | eval-rmspe:0.103597 |

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| [1646] | train-rmse:0.075055 | eval-rmse:0.100531 | train-rmspe:0.085893 | eval-rmspe:0.10359 |
| [1647] | train-rmse:0.075042 | eval-rmse:0.100527 | train-rmspe:0.085877 | eval-rmspe:0.103586 |
| [1648] | train-rmse:0.075022 | eval-rmse:0.100516 | train-rmspe:0.085848 | eval-rmspe:0.103571 |
| [1649] | train-rmse:0.075006 | eval-rmse:0.100518 | train-rmspe:0.085829 | eval-rmspe:0.103572 |
| [1650] | train-rmse:0.074993 | eval-rmse:0.100516 | train-rmspe:0.0856 | eval-rmspe:0.10357 |
| [1651] | train-rmse:0.074982 | eval-rmse:0.100516 | train-rmspe:0.085586 | eval-rmspe:0.10357 |
| [1652] | train-rmse:0.074964 | eval-rmse:0.10051 | train-rmspe:0.08555 | eval-rmspe:0.103563 |
| [1653] | train-rmse:0.074956 | eval-rmse:0.100508 | train-rmspe:0.085542 | eval-rmspe:0.103564 |
| [1654] | train-rmse:0.074943 | eval-rmse:0.100513 | train-rmspe:0.085529 | eval-rmspe:0.103562 |
| [1655] | train-rmse:0.074939 | eval-rmse:0.10052 | train-rmspe:0.085525 | eval-rmspe:0.103563 |
| [1656] | train-rmse:0.074928 | eval-rmse:0.100518 | train-rmspe:0.085515 | eval-rmspe:0.103564 |
| [1657] | train-rmse:0.07491 | eval-rmse:0.100507 | train-rmspe:0.08529 | eval-rmspe:0.103553 |
| [1658] | train-rmse:0.074895 | eval-rmse:0.100503 | train-rmspe:0.085273 | eval-rmspe:0.103548 |
| [1659] | train-rmse:0.074886 | eval-rmse:0.100503 | train-rmspe:0.085263 | eval-rmspe:0.103548 |
| [1660] | train-rmse:0.074871 | eval-rmse:0.100496 | train-rmspe:0.08524 | eval-rmspe:0.103541 |
| [1661] | train-rmse:0.074861 | eval-rmse:0.100498 | train-rmspe:0.085227 | eval-rmspe:0.103541 |
| [1662] | train-rmse:0.074847 | eval-rmse:0.100494 | train-rmspe:0.085204 | eval-rmspe:0.103537 |
| [1663] | train-rmse:0.074834 | eval-rmse:0.100494 | train-rmspe:0.085188 | eval-rmspe:0.103537 |
| [1664] | train-rmse:0.074824 | eval-rmse:0.100488 | train-rmspe:0.085177 | eval-rmspe:0.10353 |
| [1665] | train-rmse:0.074812 | eval-rmse:0.100481 | train-rmspe:0.085162 | eval-rmspe:0.103526 |
| [1666] | train-rmse:0.074805 | eval-rmse:0.100491 | train-rmspe:0.085156 | eval-rmspe:0.103532 |
| [1667] | train-rmse:0.074798 | eval-rmse:0.10049 | train-rmspe:0.085149 | eval-rmspe:0.103531 |

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| [1668] | train-rmse:0.074791 | eval-rmse:0.100499 | train-rmspe:0.08514 | eval |
| | -rmspe:0.103537 | | | |
| [1669] | train-rmse:0.074784 | eval-rmse:0.100495 | train-rmspe:0.085134 | eval |
| | -rmspe:0.103532 | | | |
| [1670] | train-rmse:0.074773 | eval-rmse:0.100489 | train-rmspe:0.085124 | eval |
| | -rmspe:0.103518 | | | |
| [1671] | train-rmse:0.074758 | eval-rmse:0.100489 | train-rmspe:0.085104 | eval |
| | -rmspe:0.103514 | | | |
| [1672] | train-rmse:0.074751 | eval-rmse:0.100485 | train-rmspe:0.085097 | eval |
| | -rmspe:0.103515 | | | |
| [1673] | train-rmse:0.074741 | eval-rmse:0.100476 | train-rmspe:0.085087 | eval |
| | -rmspe:0.103503 | | | |
| [1674] | train-rmse:0.074732 | eval-rmse:0.100475 | train-rmspe:0.085078 | eval |
| | -rmspe:0.103503 | | | |
| [1675] | train-rmse:0.074711 | eval-rmse:0.100463 | train-rmspe:0.085038 | eval |
| | -rmspe:0.103493 | | | |
| [1676] | train-rmse:0.0747 | eval-rmse:0.100456 | train-rmspe:0.085025 | eval |
| | -rmspe:0.103488 | | | |
| [1677] | train-rmse:0.074692 | eval-rmse:0.100457 | train-rmspe:0.085015 | eval |
| | -rmspe:0.103489 | | | |
| [1678] | train-rmse:0.074671 | eval-rmse:0.100455 | train-rmspe:0.084594 | eval |
| | -rmspe:0.103484 | | | |
| [1679] | train-rmse:0.074667 | eval-rmse:0.100455 | train-rmspe:0.08459 | eval |
| | -rmspe:0.103484 | | | |
| [1680] | train-rmse:0.074656 | eval-rmse:0.100449 | train-rmspe:0.084576 | eval |
| | -rmspe:0.103479 | | | |
| [1681] | train-rmse:0.074646 | eval-rmse:0.100445 | train-rmspe:0.084566 | eval |
| | -rmspe:0.103474 | | | |
| [1682] | train-rmse:0.074638 | eval-rmse:0.100441 | train-rmspe:0.084555 | eval |
| | -rmspe:0.103468 | | | |
| [1683] | train-rmse:0.074632 | eval-rmse:0.100439 | train-rmspe:0.084547 | eval |
| | -rmspe:0.103467 | | | |
| [1684] | train-rmse:0.074614 | eval-rmse:0.100435 | train-rmspe:0.084521 | eval |
| | -rmspe:0.103462 | | | |
| [1685] | train-rmse:0.0746 | eval-rmse:0.100429 | train-rmspe:0.084505 | eval |
| | -rmspe:0.103454 | | | |
| [1686] | train-rmse:0.074592 | eval-rmse:0.100408 | train-rmspe:0.084491 | eval |
| | -rmspe:0.103435 | | | |
| [1687] | train-rmse:0.074583 | eval-rmse:0.100407 | train-rmspe:0.08448 | eval |
| | -rmspe:0.103435 | | | |
| [1688] | train-rmse:0.074578 | eval-rmse:0.100405 | train-rmspe:0.084475 | eval |
| | -rmspe:0.103433 | | | |
| [1689] | train-rmse:0.074566 | eval-rmse:0.100401 | train-rmspe:0.084466 | eval |
| | -rmspe:0.10343 | | | |

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| [1690] | train-rmse:0.074557 | eval-rmse:0.100397 | train-rmspe:0.084455 | eval-rmspe:0.103437 |
| [1691] | train-rmse:0.074541 | eval-rmse:0.100394 | train-rmspe:0.08443 | eval-rmspe:0.103435 |
| [1692] | train-rmse:0.074521 | eval-rmse:0.100394 | train-rmspe:0.08441 | eval-rmspe:0.103429 |
| [1693] | train-rmse:0.074508 | eval-rmse:0.100387 | train-rmspe:0.084395 | eval-rmspe:0.103422 |
| [1694] | train-rmse:0.074495 | eval-rmse:0.100386 | train-rmspe:0.084379 | eval-rmspe:0.103411 |
| [1695] | train-rmse:0.074486 | eval-rmse:0.100389 | train-rmspe:0.084371 | eval-rmspe:0.103414 |
| [1696] | train-rmse:0.074477 | eval-rmse:0.100386 | train-rmspe:0.084361 | eval-rmspe:0.103412 |
| [1697] | train-rmse:0.074467 | eval-rmse:0.100384 | train-rmspe:0.084344 | eval-rmspe:0.103409 |
| [1698] | train-rmse:0.074459 | eval-rmse:0.100383 | train-rmspe:0.084335 | eval-rmspe:0.103408 |
| [1699] | train-rmse:0.074448 | eval-rmse:0.100384 | train-rmspe:0.084325 | eval-rmspe:0.103409 |
| [1700] | train-rmse:0.074433 | eval-rmse:0.100383 | train-rmspe:0.084289 | eval-rmspe:0.10341 |
| [1701] | train-rmse:0.074427 | eval-rmse:0.100382 | train-rmspe:0.084273 | eval-rmspe:0.103407 |
| [1702] | train-rmse:0.074416 | eval-rmse:0.100378 | train-rmspe:0.084261 | eval-rmspe:0.103403 |
| [1703] | train-rmse:0.074405 | eval-rmse:0.100376 | train-rmspe:0.084251 | eval-rmspe:0.103404 |
| [1704] | train-rmse:0.074391 | eval-rmse:0.100372 | train-rmspe:0.084228 | eval-rmspe:0.103403 |
| [1705] | train-rmse:0.074389 | eval-rmse:0.100372 | train-rmspe:0.084226 | eval-rmspe:0.103404 |
| [1706] | train-rmse:0.07437 | eval-rmse:0.100364 | train-rmspe:0.084196 | eval-rmspe:0.103391 |
| [1707] | train-rmse:0.074341 | eval-rmse:0.100353 | train-rmspe:0.084134 | eval-rmspe:0.103376 |
| [1708] | train-rmse:0.074322 | eval-rmse:0.100346 | train-rmspe:0.083783 | eval-rmspe:0.103367 |
| [1709] | train-rmse:0.074308 | eval-rmse:0.10035 | train-rmspe:0.083764 | eval-rmspe:0.103373 |
| [1710] | train-rmse:0.074296 | eval-rmse:0.100351 | train-rmspe:0.083742 | eval-rmspe:0.103373 |
| [1711] | train-rmse:0.074282 | eval-rmse:0.100348 | train-rmspe:0.083719 | eval-rmspe:0.103369 |

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| [1712] | train-rmse:0.074274 | eval-rmse:0.100343 | train-rmspe:0.083711 | eval-rmspe:0.103363 |
| [1713] | train-rmse:0.074263 | eval-rmse:0.100339 | train-rmspe:0.083692 | eval-rmspe:0.10336 |
| [1714] | train-rmse:0.074255 | eval-rmse:0.100333 | train-rmspe:0.083683 | eval-rmspe:0.103358 |
| [1715] | train-rmse:0.074241 | eval-rmse:0.100327 | train-rmspe:0.083666 | eval-rmspe:0.103351 |
| [1716] | train-rmse:0.07423 | eval-rmse:0.100324 | train-rmspe:0.083654 | eval-rmspe:0.103347 |
| [1717] | train-rmse:0.074221 | eval-rmse:0.100327 | train-rmspe:0.083644 | eval-rmspe:0.10335 |
| [1718] | train-rmse:0.074212 | eval-rmse:0.100325 | train-rmspe:0.083627 | eval-rmspe:0.103348 |
| [1719] | train-rmse:0.074204 | eval-rmse:0.100327 | train-rmspe:0.083619 | eval-rmspe:0.103351 |
| [1720] | train-rmse:0.074194 | eval-rmse:0.100327 | train-rmspe:0.083609 | eval-rmspe:0.103353 |
| [1721] | train-rmse:0.074184 | eval-rmse:0.100323 | train-rmspe:0.083599 | eval-rmspe:0.103349 |
| [1722] | train-rmse:0.074172 | eval-rmse:0.100322 | train-rmspe:0.083587 | eval-rmspe:0.103345 |
| [1723] | train-rmse:0.074156 | eval-rmse:0.100326 | train-rmspe:0.083567 | eval-rmspe:0.103353 |
| [1724] | train-rmse:0.074139 | eval-rmse:0.100322 | train-rmspe:0.083548 | eval-rmspe:0.103351 |
| [1725] | train-rmse:0.074126 | eval-rmse:0.100321 | train-rmspe:0.083536 | eval-rmspe:0.10335 |
| [1726] | train-rmse:0.074111 | eval-rmse:0.100317 | train-rmspe:0.083522 | eval-rmspe:0.103346 |
| [1727] | train-rmse:0.074101 | eval-rmse:0.100313 | train-rmspe:0.083326 | eval-rmspe:0.10334 |
| [1728] | train-rmse:0.074094 | eval-rmse:0.100309 | train-rmspe:0.083319 | eval-rmspe:0.103336 |
| [1729] | train-rmse:0.074081 | eval-rmse:0.100299 | train-rmspe:0.083307 | eval-rmspe:0.103326 |
| [1730] | train-rmse:0.074067 | eval-rmse:0.100297 | train-rmspe:0.083286 | eval-rmspe:0.103324 |
| [1731] | train-rmse:0.074052 | eval-rmse:0.100289 | train-rmspe:0.083266 | eval-rmspe:0.103309 |
| [1732] | train-rmse:0.074043 | eval-rmse:0.100277 | train-rmspe:0.083256 | eval-rmspe:0.103296 |
| [1733] | train-rmse:0.074025 | eval-rmse:0.100268 | train-rmspe:0.083238 | eval-rmspe:0.103288 |

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| [1734] | train-rmse:0.074008 -rmspe:0.103288 | eval-rmse:0.100268 | train-rmspe:0.083214 | eval |
| [1735] | train-rmse:0.073997 -rmspe:0.103287 | eval-rmse:0.100266 | train-rmspe:0.083207 | eval |
| [1736] | train-rmse:0.073988 -rmspe:0.103287 | eval-rmse:0.100266 | train-rmspe:0.083192 | eval |
| [1737] | train-rmse:0.073982 -rmspe:0.103284 | eval-rmse:0.100262 | train-rmspe:0.083183 | eval |
| [1738] | train-rmse:0.073972 -rmspe:0.10328 | eval-rmse:0.100259 | train-rmspe:0.083173 | eval |
| [1739] | train-rmse:0.073957 -rmspe:0.103271 | eval-rmse:0.100249 | train-rmspe:0.083153 | eval |
| [1740] | train-rmse:0.073947 -rmspe:0.103269 | eval-rmse:0.100248 | train-rmspe:0.083141 | eval |
| [1741] | train-rmse:0.073936 -rmspe:0.103272 | eval-rmse:0.100249 | train-rmspe:0.083127 | eval |
| [1742] | train-rmse:0.073924 -rmspe:0.103269 | eval-rmse:0.100246 | train-rmspe:0.083107 | eval |
| [1743] | train-rmse:0.073916 -rmspe:0.103267 | eval-rmse:0.100247 | train-rmspe:0.083098 | eval |
| [1744] | train-rmse:0.0739 -rmspe:0.103271 | eval-rmse:0.100251 | train-rmspe:0.083073 | eval |
| [1745] | train-rmse:0.073888 -rmspe:0.103262 | eval-rmse:0.100244 | train-rmspe:0.083061 | eval |
| [1746] | train-rmse:0.073871 -rmspe:0.103265 | eval-rmse:0.100242 | train-rmspe:0.08304 | eval |
| [1747] | train-rmse:0.073857 -rmspe:0.103261 | eval-rmse:0.100238 | train-rmspe:0.083023 | eval |
| [1748] | train-rmse:0.073846 -rmspe:0.103258 | eval-rmse:0.100239 | train-rmspe:0.08301 | eval |
| [1749] | train-rmse:0.073829 -rmspe:0.103263 | eval-rmse:0.10024 | train-rmspe:0.082991 | eval |
| [1750] | train-rmse:0.073821 -rmspe:0.103256 | eval-rmse:0.100233 | train-rmspe:0.082983 | eval |
| [1751] | train-rmse:0.073812 -rmspe:0.103253 | eval-rmse:0.100231 | train-rmspe:0.082973 | eval |
| [1752] | train-rmse:0.073801 -rmspe:0.103253 | eval-rmse:0.100232 | train-rmspe:0.08296 | eval |
| [1753] | train-rmse:0.073796 -rmspe:0.103246 | eval-rmse:0.100228 | train-rmspe:0.082954 | eval |
| [1754] | train-rmse:0.07378 -rmspe:0.103258 | eval-rmse:0.100236 | train-rmspe:0.082926 | eval |
| [1755] | train-rmse:0.073763 -rmspe:0.103253 | eval-rmse:0.100231 | train-rmspe:0.082876 | eval |

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| [1756] | train-rmse:0.073757 -rmspe:0.10325 | eval-rmse:0.100228 | train-rmspe:0.082869 | eval |
| [1757] | train-rmse:0.073743 -rmspe:0.103245 | eval-rmse:0.100224 | train-rmspe:0.08285 | eval |
| [1758] | train-rmse:0.073734 -rmspe:0.103241 | eval-rmse:0.100221 | train-rmspe:0.08284 | eval |
| [1759] | train-rmse:0.073722 -rmspe:0.10324 | eval-rmse:0.100219 | train-rmspe:0.082823 | eval |
| [1760] | train-rmse:0.073705 -rmspe:0.103226 | eval-rmse:0.100209 | train-rmspe:0.082737 | eval |
| [1761] | train-rmse:0.073697 -rmspe:0.103206 | eval-rmse:0.100201 | train-rmspe:0.082729 | eval |
| [1762] | train-rmse:0.073689 -rmspe:0.103192 | eval-rmse:0.100192 | train-rmspe:0.082721 | eval |
| [1763] | train-rmse:0.073677 -rmspe:0.103199 | eval-rmse:0.100194 | train-rmspe:0.082709 | eval |
| [1764] | train-rmse:0.073666 -rmspe:0.103194 | eval-rmse:0.10019 | train-rmspe:0.082698 | eval |
| [1765] | train-rmse:0.073655 -rmspe:0.103189 | eval-rmse:0.100185 | train-rmspe:0.082674 | eval |
| [1766] | train-rmse:0.073647 -rmspe:0.103189 | eval-rmse:0.100186 | train-rmspe:0.082663 | eval |
| [1767] | train-rmse:0.073636 -rmspe:0.103194 | eval-rmse:0.100191 | train-rmspe:0.082651 | eval |
| [1768] | train-rmse:0.073628 -rmspe:0.103193 | eval-rmse:0.100189 | train-rmspe:0.082641 | eval |
| [1769] | train-rmse:0.073624 -rmspe:0.103192 | eval-rmse:0.100188 | train-rmspe:0.082638 | eval |
| [1770] | train-rmse:0.073611 -rmspe:0.103184 | eval-rmse:0.100183 | train-rmspe:0.082624 | eval |
| [1771] | train-rmse:0.073599 -rmspe:0.103181 | eval-rmse:0.100181 | train-rmspe:0.082611 | eval |
| [1772] | train-rmse:0.073589 -rmspe:0.103177 | eval-rmse:0.100178 | train-rmspe:0.082598 | eval |
| [1773] | train-rmse:0.073576 -rmspe:0.103178 | eval-rmse:0.100179 | train-rmspe:0.082584 | eval |
| [1774] | train-rmse:0.073565 -rmspe:0.10317 | eval-rmse:0.100171 | train-rmspe:0.082573 | eval |
| [1775] | train-rmse:0.073553 -rmspe:0.103164 | eval-rmse:0.100166 | train-rmspe:0.08256 | eval |
| [1776] | train-rmse:0.07354 -rmspe:0.103164 | eval-rmse:0.100165 | train-rmspe:0.082542 | eval |
| [1777] | train-rmse:0.073533 -rmspe:0.103163 | eval-rmse:0.100165 | train-rmspe:0.082535 | eval |

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| [1778] | train-rmse:0.073513 -rmspe:0.103169 | eval-rmse:0.100166 | train-rmspe:0.082513 | eval |
| [1779] | train-rmse:0.073502 -rmspe:0.103166 | eval-rmse:0.10016 | train-rmspe:0.0825 | eval |
| [1780] | train-rmse:0.073493 -rmspe:0.103172 | eval-rmse:0.100171 | train-rmspe:0.08249 | eval |
| [1781] | train-rmse:0.073482 -rmspe:0.103162 | eval-rmse:0.100165 | train-rmspe:0.08248 | eval |
| [1782] | train-rmse:0.073478 -rmspe:0.103167 | eval-rmse:0.100173 | train-rmspe:0.082477 | eval |
| [1783] | train-rmse:0.073468 -rmspe:0.10317 | eval-rmse:0.100179 | train-rmspe:0.082467 | eval |
| [1784] | train-rmse:0.073459 -rmspe:0.103157 | eval-rmse:0.100168 | train-rmspe:0.082459 | eval |
| [1785] | train-rmse:0.073439 -rmspe:0.103149 | eval-rmse:0.10016 | train-rmspe:0.082437 | eval |
| [1786] | train-rmse:0.073429 -rmspe:0.10313 | eval-rmse:0.100132 | train-rmspe:0.082425 | eval |
| [1787] | train-rmse:0.073421 -rmspe:0.103129 | eval-rmse:0.10013 | train-rmspe:0.082417 | eval |
| [1788] | train-rmse:0.073411 -rmspe:0.103123 | eval-rmse:0.100125 | train-rmspe:0.082407 | eval |
| [1789] | train-rmse:0.073404 -rmspe:0.103128 | eval-rmse:0.100129 | train-rmspe:0.082401 | eval |
| [1790] | train-rmse:0.073387 -rmspe:0.103124 | eval-rmse:0.100124 | train-rmspe:0.082374 | eval |
| [1791] | train-rmse:0.073374 -rmspe:0.103118 | eval-rmse:0.100119 | train-rmspe:0.082097 | eval |
| [1792] | train-rmse:0.073366 -rmspe:0.103111 | eval-rmse:0.100114 | train-rmspe:0.082089 | eval |
| [1793] | train-rmse:0.073362 -rmspe:0.103111 | eval-rmse:0.100114 | train-rmspe:0.082084 | eval |
| [1794] | train-rmse:0.073349 -rmspe:0.103102 | eval-rmse:0.100107 | train-rmspe:0.082069 | eval |
| [1795] | train-rmse:0.073334 -rmspe:0.103099 | eval-rmse:0.100103 | train-rmspe:0.082048 | eval |
| [1796] | train-rmse:0.073322 -rmspe:0.103094 | eval-rmse:0.100098 | train-rmspe:0.082036 | eval |
| [1797] | train-rmse:0.073313 -rmspe:0.103096 | eval-rmse:0.100099 | train-rmspe:0.082026 | eval |
| [1798] | train-rmse:0.073302 -rmspe:0.10309 | eval-rmse:0.100094 | train-rmspe:0.082005 | eval |
| [1799] | train-rmse:0.073291 -rmspe:0.10309 | eval-rmse:0.100094 | train-rmspe:0.08199 | eval |

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| [1800] | train-rmse:0.07328 -rmspe:0.103094 | eval-rmse:0.100098 | train-rmspe:0.081746 | eval |
| [1801] | train-rmse:0.073265 -rmspe:0.103089 | eval-rmse:0.100093 | train-rmspe:0.081725 | eval |
| [1802] | train-rmse:0.073257 -rmspe:0.103089 | eval-rmse:0.100093 | train-rmspe:0.081713 | eval |
| [1803] | train-rmse:0.07325 -rmspe:0.103081 | eval-rmse:0.100087 | train-rmspe:0.081705 | eval |
| [1804] | train-rmse:0.073242 -rmspe:0.103077 | eval-rmse:0.100086 | train-rmspe:0.08169 | eval |
| [1805] | train-rmse:0.073237 -rmspe:0.103078 | eval-rmse:0.10008 | train-rmspe:0.081684 | eval |
| [1806] | train-rmse:0.073227 -rmspe:0.103077 | eval-rmse:0.100079 | train-rmspe:0.081664 | eval |
| [1807] | train-rmse:0.073216 -rmspe:0.103072 | eval-rmse:0.100073 | train-rmspe:0.081652 | eval |
| [1808] | train-rmse:0.073204 -rmspe:0.103073 | eval-rmse:0.100072 | train-rmspe:0.08164 | eval |
| [1809] | train-rmse:0.073194 -rmspe:0.103073 | eval-rmse:0.100072 | train-rmspe:0.081628 | eval |
| [1810] | train-rmse:0.073179 -rmspe:0.103061 | eval-rmse:0.100062 | train-rmspe:0.081611 | eval |
| [1811] | train-rmse:0.073163 -rmspe:0.103052 | eval-rmse:0.100053 | train-rmspe:0.081603 | eval |
| [1812] | train-rmse:0.073148 -rmspe:0.103054 | eval-rmse:0.100054 | train-rmspe:0.081577 | eval |
| [1813] | train-rmse:0.073138 -rmspe:0.103046 | eval-rmse:0.100044 | train-rmspe:0.081567 | eval |
| [1814] | train-rmse:0.073126 -rmspe:0.103034 | eval-rmse:0.100033 | train-rmspe:0.081553 | eval |
| [1815] | train-rmse:0.073117 -rmspe:0.103027 | eval-rmse:0.100027 | train-rmspe:0.081526 | eval |
| [1816] | train-rmse:0.073107 -rmspe:0.103025 | eval-rmse:0.100028 | train-rmspe:0.081515 | eval |
| [1817] | train-rmse:0.073099 -rmspe:0.103031 | eval-rmse:0.100033 | train-rmspe:0.081508 | eval |
| [1818] | train-rmse:0.07309 -rmspe:0.103037 | eval-rmse:0.100038 | train-rmspe:0.081498 | eval |
| [1819] | train-rmse:0.073082 -rmspe:0.103037 | eval-rmse:0.100038 | train-rmspe:0.081488 | eval |
| [1820] | train-rmse:0.073074 -rmspe:0.103035 | eval-rmse:0.100036 | train-rmspe:0.081479 | eval |
| [1821] | train-rmse:0.073058 -rmspe:0.10303 | eval-rmse:0.100031 | train-rmspe:0.081458 | eval |

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| [1822] | train-rmse:0.073048 -rmspe:0.103031 | eval-rmse:0.10003 | train-rmspe:0.081446 | eval |
| [1823] | train-rmse:0.073037 -rmspe:0.103021 | eval-rmse:0.100019 | train-rmspe:0.081422 | eval |
| [1824] | train-rmse:0.073027 -rmspe:0.103022 | eval-rmse:0.10002 | train-rmspe:0.081412 | eval |
| [1825] | train-rmse:0.073014 -rmspe:0.103027 | eval-rmse:0.100029 | train-rmspe:0.0814 | eval |
| [1826] | train-rmse:0.073002 -rmspe:0.103032 | eval-rmse:0.100032 | train-rmspe:0.081383 | eval |
| [1827] | train-rmse:0.072992 -rmspe:0.103032 | eval-rmse:0.100031 | train-rmspe:0.081371 | eval |
| [1828] | train-rmse:0.072981 -rmspe:0.103021 | eval-rmse:0.100023 | train-rmspe:0.081359 | eval |
| [1829] | train-rmse:0.072965 -rmspe:0.103018 | eval-rmse:0.100016 | train-rmspe:0.081335 | eval |
| [1830] | train-rmse:0.072957 -rmspe:0.103017 | eval-rmse:0.100016 | train-rmspe:0.081326 | eval |
| [1831] | train-rmse:0.072943 -rmspe:0.103017 | eval-rmse:0.10001 | train-rmspe:0.081307 | eval |
| [1832] | train-rmse:0.072932 -rmspe:0.103013 | eval-rmse:0.100005 | train-rmspe:0.081293 | eval |
| [1833] | train-rmse:0.072928 -rmspe:0.103009 | eval-rmse:0.100005 | train-rmspe:0.08129 | eval |
| [1834] | train-rmse:0.072917 -rmspe:0.103003 | eval-rmse:0.100001 | train-rmspe:0.081278 | eval |
| [1835] | train-rmse:0.07291 -rmspe:0.102993 | eval-rmse:0.09999 | train-rmspe:0.081268 | eval |
| [1836] | train-rmse:0.072899 -rmspe:0.102989 | eval-rmse:0.099986 | train-rmspe:0.08105 | eval |
| [1837] | train-rmse:0.072884 -rmspe:0.102984 | eval-rmse:0.099982 | train-rmspe:0.081026 | eval |
| [1838] | train-rmse:0.072871 -rmspe:0.102983 | eval-rmse:0.09998 | train-rmspe:0.081006 | eval |
| [1839] | train-rmse:0.07286 -rmspe:0.102982 | eval-rmse:0.099979 | train-rmspe:0.080963 | eval |
| [1840] | train-rmse:0.072846 -rmspe:0.10298 | eval-rmse:0.099976 | train-rmspe:0.080943 | eval |
| [1841] | train-rmse:0.072832 -rmspe:0.102978 | eval-rmse:0.099972 | train-rmspe:0.080909 | eval |
| [1842] | train-rmse:0.072816 -rmspe:0.10298 | eval-rmse:0.099978 | train-rmspe:0.080892 | eval |
| [1843] | train-rmse:0.072808 -rmspe:0.102958 | eval-rmse:0.099964 | train-rmspe:0.080879 | eval |

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| [1844] | train-rmse:0.07279 -rmspe:0.102947 | eval-rmse:0.099956 | train-rmspe:0.08086 | eval |
| [1845] | train-rmse:0.072778 -rmspe:0.102947 | eval-rmse:0.099957 | train-rmspe:0.080846 | eval |
| [1846] | train-rmse:0.072767 -rmspe:0.102948 | eval-rmse:0.099953 | train-rmspe:0.080835 | eval |
| [1847] | train-rmse:0.07275 -rmspe:0.102944 | eval-rmse:0.09995 | train-rmspe:0.080816 | eval |
| [1848] | train-rmse:0.072734 -rmspe:0.102935 | eval-rmse:0.099943 | train-rmspe:0.080798 | eval |
| [1849] | train-rmse:0.072722 -rmspe:0.102936 | eval-rmse:0.099943 | train-rmspe:0.080785 | eval |
| [1850] | train-rmse:0.072712 -rmspe:0.102932 | eval-rmse:0.099938 | train-rmspe:0.080772 | eval |
| [1851] | train-rmse:0.072705 -rmspe:0.102927 | eval-rmse:0.099934 | train-rmspe:0.080764 | eval |
| [1852] | train-rmse:0.072697 -rmspe:0.102926 | eval-rmse:0.09993 | train-rmspe:0.080757 | eval |
| [1853] | train-rmse:0.07269 -rmspe:0.102927 | eval-rmse:0.099932 | train-rmspe:0.08075 | eval |
| [1854] | train-rmse:0.072673 -rmspe:0.102919 | eval-rmse:0.099925 | train-rmspe:0.080722 | eval |
| [1855] | train-rmse:0.072665 -rmspe:0.102919 | eval-rmse:0.099923 | train-rmspe:0.080712 | eval |
| [1856] | train-rmse:0.07266 -rmspe:0.10293 | eval-rmse:0.099939 | train-rmspe:0.080707 | eval |
| [1857] | train-rmse:0.07265 -rmspe:0.102931 | eval-rmse:0.099939 | train-rmspe:0.080693 | eval |
| [1858] | train-rmse:0.072638 -rmspe:0.102922 | eval-rmse:0.099931 | train-rmspe:0.080673 | eval |
| [1859] | train-rmse:0.072628 -rmspe:0.102921 | eval-rmse:0.09993 | train-rmspe:0.080665 | eval |
| [1860] | train-rmse:0.072619 -rmspe:0.102925 | eval-rmse:0.099933 | train-rmspe:0.080649 | eval |
| [1861] | train-rmse:0.07261 -rmspe:0.102924 | eval-rmse:0.099932 | train-rmspe:0.080629 | eval |
| [1862] | train-rmse:0.072604 -rmspe:0.102924 | eval-rmse:0.099932 | train-rmspe:0.080622 | eval |
| [1863] | train-rmse:0.072592 -rmspe:0.10292 | eval-rmse:0.099922 | train-rmspe:0.080584 | eval |
| [1864] | train-rmse:0.072585 -rmspe:0.102918 | eval-rmse:0.099921 | train-rmspe:0.080577 | eval |
| [1865] | train-rmse:0.072576 -rmspe:0.102914 | eval-rmse:0.099918 | train-rmspe:0.080567 | eval |

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| [1866] | train-rmse:0.072567 | eval-rmse:0.099912 | train-rmspe:0.080557 | eval-rmspe:0.102908 |
| [1867] | train-rmse:0.072555 | eval-rmse:0.099909 | train-rmspe:0.080522 | eval-rmspe:0.102904 |
| [1868] | train-rmse:0.072538 | eval-rmse:0.099909 | train-rmspe:0.080505 | eval-rmspe:0.102905 |
| [1869] | train-rmse:0.072532 | eval-rmse:0.099913 | train-rmspe:0.080498 | eval-rmspe:0.102909 |
| [1870] | train-rmse:0.072517 | eval-rmse:0.099909 | train-rmspe:0.080472 | eval-rmspe:0.102907 |
| [1871] | train-rmse:0.072501 | eval-rmse:0.099908 | train-rmspe:0.080456 | eval-rmspe:0.102905 |
| [1872] | train-rmse:0.072491 | eval-rmse:0.099906 | train-rmspe:0.080445 | eval-rmspe:0.102903 |
| [1873] | train-rmse:0.072481 | eval-rmse:0.099893 | train-rmspe:0.080436 | eval-rmspe:0.102894 |
| [1874] | train-rmse:0.072472 | eval-rmse:0.099892 | train-rmspe:0.080427 | eval-rmspe:0.102893 |
| [1875] | train-rmse:0.072463 | eval-rmse:0.099909 | train-rmspe:0.080405 | eval-rmspe:0.102917 |
| [1876] | train-rmse:0.072454 | eval-rmse:0.09991 | train-rmspe:0.080397 | eval-rmspe:0.102918 |
| [1877] | train-rmse:0.072447 | eval-rmse:0.099905 | train-rmspe:0.08039 | eval-rmspe:0.102916 |
| [1878] | train-rmse:0.072436 | eval-rmse:0.099904 | train-rmspe:0.080379 | eval-rmspe:0.102912 |
| [1879] | train-rmse:0.072434 | eval-rmse:0.099905 | train-rmspe:0.080377 | eval-rmspe:0.102914 |
| [1880] | train-rmse:0.072424 | eval-rmse:0.099908 | train-rmspe:0.080292 | eval-rmspe:0.102915 |
| [1881] | train-rmse:0.072408 | eval-rmse:0.099908 | train-rmspe:0.080271 | eval-rmspe:0.102916 |
| [1882] | train-rmse:0.072393 | eval-rmse:0.0999 | train-rmspe:0.08025 | eval-rmspe:0.102911 |
| [1883] | train-rmse:0.072381 | eval-rmse:0.099899 | train-rmspe:0.080229 | eval-rmspe:0.102913 |
| [1884] | train-rmse:0.072361 | eval-rmse:0.0999 | train-rmspe:0.080187 | eval-rmspe:0.102915 |
| [1885] | train-rmse:0.072354 | eval-rmse:0.099906 | train-rmspe:0.080178 | eval-rmspe:0.102923 |
| [1886] | train-rmse:0.072341 | eval-rmse:0.099899 | train-rmspe:0.080166 | eval-rmspe:0.102914 |
| [1887] | train-rmse:0.072331 | eval-rmse:0.099903 | train-rmspe:0.080156 | eval-rmspe:0.102917 |

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| [1888] | train-rmse:0.072318 | eval-rmse:0.099899 | train-rmspe:0.080132 | eval |
| | -rmspe:0.102917 | | | |
| [1889] | train-rmse:0.072304 | eval-rmse:0.09989 | train-rmspe:0.080115 | eval |
| | -rmspe:0.102905 | | | |
| [1890] | train-rmse:0.072295 | eval-rmse:0.09989 | train-rmspe:0.080105 | eval |
| | -rmspe:0.102904 | | | |
| [1891] | train-rmse:0.072289 | eval-rmse:0.099887 | train-rmspe:0.080097 | eval |
| | -rmspe:0.102901 | | | |
| [1892] | train-rmse:0.072279 | eval-rmse:0.099884 | train-rmspe:0.080084 | eval |
| | -rmspe:0.102893 | | | |
| [1893] | train-rmse:0.072269 | eval-rmse:0.099882 | train-rmspe:0.080071 | eval |
| | -rmspe:0.102889 | | | |
| [1894] | train-rmse:0.072255 | eval-rmse:0.099874 | train-rmspe:0.080055 | eval |
| | -rmspe:0.102881 | | | |
| [1895] | train-rmse:0.07225 | eval-rmse:0.099875 | train-rmspe:0.080047 | eval |
| | -rmspe:0.10288 | | | |
| [1896] | train-rmse:0.072239 | eval-rmse:0.099871 | train-rmspe:0.080034 | eval |
| | -rmspe:0.102877 | | | |
| [1897] | train-rmse:0.072232 | eval-rmse:0.099875 | train-rmspe:0.080027 | eval |
| | -rmspe:0.102875 | | | |
| [1898] | train-rmse:0.07222 | eval-rmse:0.09988 | train-rmspe:0.080015 | eval |
| | -rmspe:0.102882 | | | |
| [1899] | train-rmse:0.072208 | eval-rmse:0.099869 | train-rmspe:0.080001 | eval |
| | -rmspe:0.102872 | | | |
| [1900] | train-rmse:0.072193 | eval-rmse:0.09986 | train-rmspe:0.079981 | eval |
| | -rmspe:0.102857 | | | |
| [1901] | train-rmse:0.072186 | eval-rmse:0.099851 | train-rmspe:0.079974 | eval |
| | -rmspe:0.102847 | | | |
| [1902] | train-rmse:0.072178 | eval-rmse:0.099853 | train-rmspe:0.079962 | eval |
| | -rmspe:0.102848 | | | |
| [1903] | train-rmse:0.072173 | eval-rmse:0.099853 | train-rmspe:0.079956 | eval |
| | -rmspe:0.102848 | | | |
| [1904] | train-rmse:0.072159 | eval-rmse:0.09985 | train-rmspe:0.079932 | eval |
| | -rmspe:0.102843 | | | |
| [1905] | train-rmse:0.072151 | eval-rmse:0.099846 | train-rmspe:0.079923 | eval |
| | -rmspe:0.102839 | | | |
| [1906] | train-rmse:0.072145 | eval-rmse:0.099844 | train-rmspe:0.079914 | eval |
| | -rmspe:0.102838 | | | |
| [1907] | train-rmse:0.072131 | eval-rmse:0.099842 | train-rmspe:0.079895 | eval |
| | -rmspe:0.102839 | | | |
| [1908] | train-rmse:0.072121 | eval-rmse:0.09984 | train-rmspe:0.079882 | eval |
| | -rmspe:0.10284 | | | |
| [1909] | train-rmse:0.072107 | eval-rmse:0.099832 | train-rmspe:0.079889 | eval |
| | -rmspe:0.102831 | | | |

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| [1910] | train-rmse:0.072099 -rmspe:0.102826 | eval-rmse:0.099828 | train-rmspe:0.07988 | eval |
| [1911] | train-rmse:0.072085 -rmspe:0.102826 | eval-rmse:0.099829 | train-rmspe:0.079808 | eval |
| [1912] | train-rmse:0.072075 -rmspe:0.10283 | eval-rmse:0.099831 | train-rmspe:0.079796 | eval |
| [1913] | train-rmse:0.072064 -rmspe:0.10283 | eval-rmse:0.099833 | train-rmspe:0.0797 | eval |
| [1914] | train-rmse:0.072051 -rmspe:0.102826 | eval-rmse:0.099828 | train-rmspe:0.079686 | eval |
| [1915] | train-rmse:0.072042 -rmspe:0.102824 | eval-rmse:0.099825 | train-rmspe:0.079677 | eval |
| [1916] | train-rmse:0.072032 -rmspe:0.102822 | eval-rmse:0.099821 | train-rmspe:0.079656 | eval |
| [1917] | train-rmse:0.072021 -rmspe:0.102816 | eval-rmse:0.099831 | train-rmspe:0.079644 | eval |
| [1918] | train-rmse:0.072009 -rmspe:0.102815 | eval-rmse:0.099829 | train-rmspe:0.079631 | eval |
| [1919] | train-rmse:0.072 -rmspe:0.102814 | eval-rmse:0.099829 | train-rmspe:0.079622 | eval |
| [1920] | train-rmse:0.071991 -rmspe:0.102817 | eval-rmse:0.099829 | train-rmspe:0.079613 | eval |
| [1921] | train-rmse:0.071986 -rmspe:0.102817 | eval-rmse:0.099829 | train-rmspe:0.079609 | eval |
| [1922] | train-rmse:0.071975 -rmspe:0.102811 | eval-rmse:0.099821 | train-rmspe:0.079595 | eval |
| [1923] | train-rmse:0.071966 -rmspe:0.102806 | eval-rmse:0.099816 | train-rmspe:0.079587 | eval |
| [1924] | train-rmse:0.071959 -rmspe:0.10281 | eval-rmse:0.099819 | train-rmspe:0.07958 | eval |
| [1925] | train-rmse:0.071949 -rmspe:0.102804 | eval-rmse:0.099816 | train-rmspe:0.079569 | eval |
| [1926] | train-rmse:0.071939 -rmspe:0.102793 | eval-rmse:0.099802 | train-rmspe:0.07956 | eval |
| [1927] | train-rmse:0.071933 -rmspe:0.102793 | eval-rmse:0.099804 | train-rmspe:0.079553 | eval |
| [1928] | train-rmse:0.071922 -rmspe:0.102792 | eval-rmse:0.099807 | train-rmspe:0.079541 | eval |
| [1929] | train-rmse:0.071912 -rmspe:0.102793 | eval-rmse:0.099806 | train-rmspe:0.079529 | eval |
| [1930] | train-rmse:0.071898 -rmspe:0.102789 | eval-rmse:0.099804 | train-rmspe:0.079515 | eval |
| [1931] | train-rmse:0.071886 -rmspe:0.10278 | eval-rmse:0.099798 | train-rmspe:0.079501 | eval |

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| [1932] | train-rmse:0.071872 | eval-rmse:0.099797 | train-rmspe:0.079484 | eval-rmspe:0.102777 |
| [1933] | train-rmse:0.071861 | eval-rmse:0.099799 | train-rmspe:0.079474 | eval-rmspe:0.102782 |
| [1934] | train-rmse:0.071848 | eval-rmse:0.099795 | train-rmspe:0.079458 | eval-rmspe:0.102778 |
| [1935] | train-rmse:0.071831 | eval-rmse:0.099788 | train-rmspe:0.079434 | eval-rmspe:0.102768 |
| [1936] | train-rmse:0.071825 | eval-rmse:0.09983 | train-rmspe:0.079429 | eval-rmspe:0.102793 |
| [1937] | train-rmse:0.071814 | eval-rmse:0.099825 | train-rmspe:0.079416 | eval-rmspe:0.102788 |
| [1938] | train-rmse:0.071803 | eval-rmse:0.099821 | train-rmspe:0.079402 | eval-rmspe:0.102778 |
| [1939] | train-rmse:0.071793 | eval-rmse:0.099819 | train-rmspe:0.079388 | eval-rmspe:0.10278 |
| [1940] | train-rmse:0.071788 | eval-rmse:0.099812 | train-rmspe:0.079383 | eval-rmspe:0.10278 |
| [1941] | train-rmse:0.071783 | eval-rmse:0.099811 | train-rmspe:0.079378 | eval-rmspe:0.10278 |
| [1942] | train-rmse:0.071769 | eval-rmse:0.099831 | train-rmspe:0.079356 | eval-rmspe:0.102807 |
| [1943] | train-rmse:0.071765 | eval-rmse:0.099832 | train-rmspe:0.079351 | eval-rmspe:0.102807 |
| [1944] | train-rmse:0.071758 | eval-rmse:0.099832 | train-rmspe:0.079344 | eval-rmspe:0.102808 |
| [1945] | train-rmse:0.071751 | eval-rmse:0.099823 | train-rmspe:0.079334 | eval-rmspe:0.102802 |
| [1946] | train-rmse:0.071745 | eval-rmse:0.09982 | train-rmspe:0.079329 | eval-rmspe:0.1028 |
| [1947] | train-rmse:0.071742 | eval-rmse:0.099819 | train-rmspe:0.079326 | eval-rmspe:0.102799 |
| [1948] | train-rmse:0.071733 | eval-rmse:0.099816 | train-rmspe:0.079314 | eval-rmspe:0.102797 |
| [1949] | train-rmse:0.071726 | eval-rmse:0.099818 | train-rmspe:0.079307 | eval-rmspe:0.102803 |
| [1950] | train-rmse:0.07172 | eval-rmse:0.099817 | train-rmspe:0.079299 | eval-rmspe:0.1028 |
| [1951] | train-rmse:0.071706 | eval-rmse:0.099807 | train-rmspe:0.079278 | eval-rmspe:0.102789 |
| [1952] | train-rmse:0.071697 | eval-rmse:0.099805 | train-rmspe:0.079265 | eval-rmspe:0.102788 |
| [1953] | train-rmse:0.071682 | eval-rmse:0.099803 | train-rmspe:0.079241 | eval-rmspe:0.102788 |

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| [1954] | train-rmse:0.071663 | eval-rmse:0.099803 | train-rmspe:0.07922 | eval |
| | -rmspe:0.102786 | | | |
| [1955] | train-rmse:0.071652 | eval-rmse:0.099797 | train-rmspe:0.079205 | eval |
| | -rmspe:0.10278 | | | |
| [1956] | train-rmse:0.071644 | eval-rmse:0.099796 | train-rmspe:0.079197 | eval |
| | -rmspe:0.102779 | | | |
| [1957] | train-rmse:0.071637 | eval-rmse:0.099794 | train-rmspe:0.07919 | eval |
| | -rmspe:0.102777 | | | |
| [1958] | train-rmse:0.07163 | eval-rmse:0.099795 | train-rmspe:0.079182 | eval |
| | -rmspe:0.102776 | | | |
| [1959] | train-rmse:0.071623 | eval-rmse:0.09979 | train-rmspe:0.079174 | eval |
| | -rmspe:0.102774 | | | |
| [1960] | train-rmse:0.071615 | eval-rmse:0.099778 | train-rmspe:0.079164 | eval |
| | -rmspe:0.10276 | | | |
| [1961] | train-rmse:0.0716 | eval-rmse:0.099775 | train-rmspe:0.079144 | eval |
| | -rmspe:0.102757 | | | |
| [1962] | train-rmse:0.07159 | eval-rmse:0.099771 | train-rmspe:0.079135 | eval |
| | -rmspe:0.102753 | | | |
| [1963] | train-rmse:0.071582 | eval-rmse:0.099772 | train-rmspe:0.079128 | eval |
| | -rmspe:0.102754 | | | |
| [1964] | train-rmse:0.071573 | eval-rmse:0.099768 | train-rmspe:0.079118 | eval |
| | -rmspe:0.102747 | | | |
| [1965] | train-rmse:0.071569 | eval-rmse:0.099767 | train-rmspe:0.079113 | eval |
| | -rmspe:0.102748 | | | |
| [1966] | train-rmse:0.07156 | eval-rmse:0.099767 | train-rmspe:0.079099 | eval |
| | -rmspe:0.102748 | | | |
| [1967] | train-rmse:0.071546 | eval-rmse:0.09976 | train-rmspe:0.079085 | eval |
| | -rmspe:0.102742 | | | |
| [1968] | train-rmse:0.071537 | eval-rmse:0.099756 | train-rmspe:0.079074 | eval |
| | -rmspe:0.102729 | | | |
| [1969] | train-rmse:0.071526 | eval-rmse:0.099757 | train-rmspe:0.079062 | eval |
| | -rmspe:0.102728 | | | |
| [1970] | train-rmse:0.071516 | eval-rmse:0.099756 | train-rmspe:0.079047 | eval |
| | -rmspe:0.102728 | | | |
| [1971] | train-rmse:0.071508 | eval-rmse:0.099752 | train-rmspe:0.079037 | eval |
| | -rmspe:0.102726 | | | |
| [1972] | train-rmse:0.071494 | eval-rmse:0.099746 | train-rmspe:0.079024 | eval |
| | -rmspe:0.10272 | | | |
| [1973] | train-rmse:0.071481 | eval-rmse:0.099741 | train-rmspe:0.07901 | eval |
| | -rmspe:0.102716 | | | |
| [1974] | train-rmse:0.071473 | eval-rmse:0.099743 | train-rmspe:0.078996 | eval |
| | -rmspe:0.102717 | | | |
| [1975] | train-rmse:0.071468 | eval-rmse:0.099743 | train-rmspe:0.078992 | eval |
| | -rmspe:0.102715 | | | |

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| [1976] | train-rmse:0.071457 | eval-rmse:0.099739 | train-rmspe:0.078977 | eval-rmspe:0.102711 |
| [1977] | train-rmse:0.07145 | eval-rmse:0.099739 | train-rmspe:0.078968 | eval-rmspe:0.102711 |
| [1978] | train-rmse:0.071437 | eval-rmse:0.099736 | train-rmspe:0.078945 | eval-rmspe:0.102708 |
| [1979] | train-rmse:0.071431 | eval-rmse:0.099747 | train-rmspe:0.078935 | eval-rmspe:0.102714 |
| [1980] | train-rmse:0.071424 | eval-rmse:0.099743 | train-rmspe:0.078928 | eval-rmspe:0.10271 |
| [1981] | train-rmse:0.071416 | eval-rmse:0.099745 | train-rmspe:0.078919 | eval-rmspe:0.102711 |
| [1982] | train-rmse:0.071406 | eval-rmse:0.099744 | train-rmspe:0.078907 | eval-rmspe:0.102708 |
| [1983] | train-rmse:0.071393 | eval-rmse:0.099746 | train-rmspe:0.078895 | eval-rmspe:0.102708 |
| [1984] | train-rmse:0.071389 | eval-rmse:0.099741 | train-rmspe:0.078896 | eval-rmspe:0.102701 |
| [1985] | train-rmse:0.071377 | eval-rmse:0.099735 | train-rmspe:0.078886 | eval-rmspe:0.102695 |
| [1986] | train-rmse:0.071372 | eval-rmse:0.099735 | train-rmspe:0.078881 | eval-rmspe:0.102695 |
| [1987] | train-rmse:0.071364 | eval-rmse:0.099735 | train-rmspe:0.078868 | eval-rmspe:0.102696 |
| [1988] | train-rmse:0.071353 | eval-rmse:0.099732 | train-rmspe:0.078854 | eval-rmspe:0.102691 |
| [1989] | train-rmse:0.07134 | eval-rmse:0.09973 | train-rmspe:0.078839 | eval-rmspe:0.102691 |
| [1990] | train-rmse:0.071331 | eval-rmse:0.099728 | train-rmspe:0.07883 | eval-rmspe:0.102687 |
| [1991] | train-rmse:0.071325 | eval-rmse:0.099728 | train-rmspe:0.078823 | eval-rmspe:0.10269 |
| [1992] | train-rmse:0.071315 | eval-rmse:0.099727 | train-rmspe:0.078812 | eval-rmspe:0.10269 |
| [1993] | train-rmse:0.071311 | eval-rmse:0.099729 | train-rmspe:0.078808 | eval-rmspe:0.102692 |
| [1994] | train-rmse:0.071301 | eval-rmse:0.099728 | train-rmspe:0.078798 | eval-rmspe:0.102691 |
| [1995] | train-rmse:0.071289 | eval-rmse:0.09973 | train-rmspe:0.078785 | eval-rmspe:0.102695 |
| [1996] | train-rmse:0.07128 | eval-rmse:0.099729 | train-rmspe:0.078773 | eval-rmspe:0.102694 |
| [1997] | train-rmse:0.07127 | eval-rmse:0.099727 | train-rmspe:0.078754 | eval-rmspe:0.102693 |

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| [1998] | train-rmse:0.071261 -rmspe:0.102682 | eval-rmse:0.099721 | train-rmspe:0.078745 | eval |
| [1999] | train-rmse:0.07125 -rmspe:0.102683 | eval-rmse:0.099723 | train-rmspe:0.078732 | eval |
| [2000] | train-rmse:0.071241 -rmspe:0.102678 | eval-rmse:0.09972 | train-rmspe:0.078721 | eval |
| [2001] | train-rmse:0.071233 -rmspe:0.102683 | eval-rmse:0.099738 | train-rmspe:0.078712 | eval |
| [2002] | train-rmse:0.071225 -rmspe:0.102685 | eval-rmse:0.099738 | train-rmspe:0.078704 | eval |
| [2003] | train-rmse:0.071216 -rmspe:0.10268 | eval-rmse:0.099734 | train-rmspe:0.078696 | eval |
| [2004] | train-rmse:0.071208 -rmspe:0.102683 | eval-rmse:0.099734 | train-rmspe:0.078686 | eval |
| [2005] | train-rmse:0.071197 -rmspe:0.102682 | eval-rmse:0.099734 | train-rmspe:0.07867 | eval |
| [2006] | train-rmse:0.071186 -rmspe:0.102671 | eval-rmse:0.099724 | train-rmspe:0.078659 | eval |
| [2007] | train-rmse:0.071181 -rmspe:0.102672 | eval-rmse:0.099724 | train-rmspe:0.078653 | eval |
| [2008] | train-rmse:0.071171 -rmspe:0.102667 | eval-rmse:0.099719 | train-rmspe:0.078641 | eval |
| [2009] | train-rmse:0.071161 -rmspe:0.102666 | eval-rmse:0.099716 | train-rmspe:0.078625 | eval |
| [2010] | train-rmse:0.071156 -rmspe:0.102664 | eval-rmse:0.099714 | train-rmspe:0.078619 | eval |
| [2011] | train-rmse:0.071146 -rmspe:0.102667 | eval-rmse:0.099719 | train-rmspe:0.078609 | eval |
| [2012] | train-rmse:0.071134 -rmspe:0.102661 | eval-rmse:0.099717 | train-rmspe:0.078593 | eval |
| [2013] | train-rmse:0.071118 -rmspe:0.102653 | eval-rmse:0.099708 | train-rmspe:0.078569 | eval |
| [2014] | train-rmse:0.071107 -rmspe:0.102659 | eval-rmse:0.09971 | train-rmspe:0.078551 | eval |
| [2015] | train-rmse:0.0711 -rmspe:0.102657 | eval-rmse:0.099707 | train-rmspe:0.078541 | eval |
| [2016] | train-rmse:0.07109 -rmspe:0.102665 | eval-rmse:0.099714 | train-rmspe:0.078527 | eval |
| [2017] | train-rmse:0.071084 -rmspe:0.102664 | eval-rmse:0.099714 | train-rmspe:0.078519 | eval |
| [2018] | train-rmse:0.071074 -rmspe:0.102669 | eval-rmse:0.099719 | train-rmspe:0.078506 | eval |
| [2019] | train-rmse:0.071069 -rmspe:0.102668 | eval-rmse:0.099719 | train-rmspe:0.078489 | eval |

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| [2020] | train-rmse:0.071062 -rmspe:0.102667 | eval-rmse:0.099717 | train-rmspe:0.078481 | eval |
| [2021] | train-rmse:0.071053 -rmspe:0.102666 | eval-rmse:0.099716 | train-rmspe:0.078473 | eval |
| [2022] | train-rmse:0.071047 -rmspe:0.102662 | eval-rmse:0.099712 | train-rmspe:0.078466 | eval |
| [2023] | train-rmse:0.071037 -rmspe:0.102653 | eval-rmse:0.099707 | train-rmspe:0.078457 | eval |
| [2024] | train-rmse:0.071026 -rmspe:0.102649 | eval-rmse:0.099703 | train-rmspe:0.078445 | eval |
| [2025] | train-rmse:0.071016 -rmspe:0.102651 | eval-rmse:0.099702 | train-rmspe:0.078434 | eval |
| [2026] | train-rmse:0.071003 -rmspe:0.102661 | eval-rmse:0.099704 | train-rmspe:0.078412 | eval |
| [2027] | train-rmse:0.070994 -rmspe:0.102659 | eval-rmse:0.099706 | train-rmspe:0.078399 | eval |
| [2028] | train-rmse:0.070984 -rmspe:0.102657 | eval-rmse:0.099703 | train-rmspe:0.078387 | eval |
| [2029] | train-rmse:0.07098 -rmspe:0.102657 | eval-rmse:0.099704 | train-rmspe:0.078384 | eval |
| [2030] | train-rmse:0.070966 -rmspe:0.102655 | eval-rmse:0.099703 | train-rmspe:0.078364 | eval |
| [2031] | train-rmse:0.070951 -rmspe:0.102656 | eval-rmse:0.099701 | train-rmspe:0.078335 | eval |
| [2032] | train-rmse:0.070941 -rmspe:0.102651 | eval-rmse:0.099691 | train-rmspe:0.078319 | eval |
| [2033] | train-rmse:0.070926 -rmspe:0.102642 | eval-rmse:0.099678 | train-rmspe:0.078303 | eval |
| [2034] | train-rmse:0.070907 -rmspe:0.102639 | eval-rmse:0.099675 | train-rmspe:0.078266 | eval |
| [2035] | train-rmse:0.070897 -rmspe:0.10264 | eval-rmse:0.099677 | train-rmspe:0.078251 | eval |
| [2036] | train-rmse:0.070884 -rmspe:0.102638 | eval-rmse:0.099676 | train-rmspe:0.078235 | eval |
| [2037] | train-rmse:0.070874 -rmspe:0.102634 | eval-rmse:0.099671 | train-rmspe:0.078225 | eval |
| [2038] | train-rmse:0.070867 -rmspe:0.102633 | eval-rmse:0.099669 | train-rmspe:0.078216 | eval |
| [2039] | train-rmse:0.070858 -rmspe:0.102631 | eval-rmse:0.099668 | train-rmspe:0.078206 | eval |
| [2040] | train-rmse:0.07085 -rmspe:0.102627 | eval-rmse:0.099663 | train-rmspe:0.078183 | eval |
| [2041] | train-rmse:0.070836 -rmspe:0.102622 | eval-rmse:0.099658 | train-rmspe:0.078166 | eval |

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| [2042] | train-rmse:0.070823 -rmspe:0.102619 | eval-rmse:0.099655 | train-rmspe:0.078144 | eval |
| [2043] | train-rmse:0.070817 -rmspe:0.102619 | eval-rmse:0.099654 | train-rmspe:0.078137 | eval |
| [2044] | train-rmse:0.070808 -rmspe:0.102619 | eval-rmse:0.099657 | train-rmspe:0.078128 | eval |
| [2045] | train-rmse:0.070795 -rmspe:0.10261 | eval-rmse:0.099646 | train-rmspe:0.078112 | eval |
| [2046] | train-rmse:0.070786 -rmspe:0.102609 | eval-rmse:0.099652 | train-rmspe:0.078103 | eval |
| [2047] | train-rmse:0.070773 -rmspe:0.102594 | eval-rmse:0.09964 | train-rmspe:0.078088 | eval |
| [2048] | train-rmse:0.070768 -rmspe:0.102593 | eval-rmse:0.099639 | train-rmspe:0.078083 | eval |
| [2049] | train-rmse:0.070754 -rmspe:0.102579 | eval-rmse:0.099629 | train-rmspe:0.07806 | eval |
| [2050] | train-rmse:0.070748 -rmspe:0.102577 | eval-rmse:0.099626 | train-rmspe:0.078055 | eval |
| [2051] | train-rmse:0.070737 -rmspe:0.10257 | eval-rmse:0.099629 | train-rmspe:0.078044 | eval |
| [2052] | train-rmse:0.070727 -rmspe:0.102569 | eval-rmse:0.099627 | train-rmspe:0.078026 | eval |
| [2053] | train-rmse:0.070721 -rmspe:0.102565 | eval-rmse:0.099623 | train-rmspe:0.078021 | eval |
| [2054] | train-rmse:0.070709 -rmspe:0.102562 | eval-rmse:0.09962 | train-rmspe:0.07801 | eval |
| [2055] | train-rmse:0.070699 -rmspe:0.10256 | eval-rmse:0.099617 | train-rmspe:0.077996 | eval |
| [2056] | train-rmse:0.070685 -rmspe:0.102554 | eval-rmse:0.099607 | train-rmspe:0.07798 | eval |
| [2057] | train-rmse:0.070677 -rmspe:0.10255 | eval-rmse:0.099603 | train-rmspe:0.077971 | eval |
| [2058] | train-rmse:0.07067 -rmspe:0.102552 | eval-rmse:0.099604 | train-rmspe:0.077963 | eval |
| [2059] | train-rmse:0.070661 -rmspe:0.102546 | eval-rmse:0.099601 | train-rmspe:0.077939 | eval |
| [2060] | train-rmse:0.070647 -rmspe:0.102542 | eval-rmse:0.099599 | train-rmspe:0.077923 | eval |
| [2061] | train-rmse:0.070636 -rmspe:0.102534 | eval-rmse:0.099593 | train-rmspe:0.077912 | eval |
| [2062] | train-rmse:0.070628 -rmspe:0.102525 | eval-rmse:0.099585 | train-rmspe:0.077903 | eval |
| [2063] | train-rmse:0.070618 -rmspe:0.102517 | eval-rmse:0.099576 | train-rmspe:0.07789 | eval |

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| [2064] | train-rmse:0.070607 -rmspe:0.102513 | eval-rmse:0.099574 | train-rmspe:0.077878 | eval |
| [2065] | train-rmse:0.070596 -rmspe:0.102515 | eval-rmse:0.099578 | train-rmspe:0.077864 | eval |
| [2066] | train-rmse:0.070593 -rmspe:0.102515 | eval-rmse:0.099578 | train-rmspe:0.077861 | eval |
| [2067] | train-rmse:0.070589 -rmspe:0.102515 | eval-rmse:0.099578 | train-rmspe:0.077856 | eval |
| [2068] | train-rmse:0.070582 -rmspe:0.102516 | eval-rmse:0.099582 | train-rmspe:0.077846 | eval |
| [2069] | train-rmse:0.070567 -rmspe:0.102519 | eval-rmse:0.099581 | train-rmspe:0.077829 | eval |
| [2070] | train-rmse:0.07056 -rmspe:0.102517 | eval-rmse:0.09958 | train-rmspe:0.077823 | eval |
| [2071] | train-rmse:0.070551 -rmspe:0.102512 | eval-rmse:0.099575 | train-rmspe:0.077805 | eval |
| [2072] | train-rmse:0.070546 -rmspe:0.102506 | eval-rmse:0.099569 | train-rmspe:0.077799 | eval |
| [2073] | train-rmse:0.070538 -rmspe:0.102504 | eval-rmse:0.099566 | train-rmspe:0.077787 | eval |
| [2074] | train-rmse:0.070529 -rmspe:0.102491 | eval-rmse:0.09956 | train-rmspe:0.077778 | eval |
| [2075] | train-rmse:0.070521 -rmspe:0.102489 | eval-rmse:0.099558 | train-rmspe:0.077769 | eval |
| [2076] | train-rmse:0.070511 -rmspe:0.10249 | eval-rmse:0.099559 | train-rmspe:0.077756 | eval |
| [2077] | train-rmse:0.070506 -rmspe:0.102497 | eval-rmse:0.099568 | train-rmspe:0.077752 | eval |
| [2078] | train-rmse:0.070493 -rmspe:0.102495 | eval-rmse:0.099571 | train-rmspe:0.077737 | eval |
| [2079] | train-rmse:0.070488 -rmspe:0.102491 | eval-rmse:0.099568 | train-rmspe:0.07773 | eval |
| [2080] | train-rmse:0.070477 -rmspe:0.10249 | eval-rmse:0.099567 | train-rmspe:0.077714 | eval |
| [2081] | train-rmse:0.070468 -rmspe:0.102488 | eval-rmse:0.099565 | train-rmspe:0.077704 | eval |
| [2082] | train-rmse:0.070462 -rmspe:0.10248 | eval-rmse:0.099564 | train-rmspe:0.077699 | eval |
| [2083] | train-rmse:0.070449 -rmspe:0.102474 | eval-rmse:0.099558 | train-rmspe:0.077685 | eval |
| [2084] | train-rmse:0.070436 -rmspe:0.102464 | eval-rmse:0.09955 | train-rmspe:0.077667 | eval |
| [2085] | train-rmse:0.070428 -rmspe:0.102469 | eval-rmse:0.099554 | train-rmspe:0.077659 | eval |

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| [2086] | train-rmse:0.070415 | eval-rmse:0.099548 | train-rmspe:0.077637 | eval-rmspe:0.102464 |
| [2087] | train-rmse:0.07041 | eval-rmse:0.099555 | train-rmspe:0.077631 | eval-rmspe:0.102469 |
| [2088] | train-rmse:0.070405 | eval-rmse:0.099562 | train-rmspe:0.077626 | eval-rmspe:0.102473 |
| [2089] | train-rmse:0.07039 | eval-rmse:0.099557 | train-rmspe:0.077608 | eval-rmspe:0.102468 |
| [2090] | train-rmse:0.070376 | eval-rmse:0.099556 | train-rmspe:0.077579 | eval-rmspe:0.102465 |
| [2091] | train-rmse:0.070371 | eval-rmse:0.099551 | train-rmspe:0.077573 | eval-rmspe:0.102462 |
| [2092] | train-rmse:0.070362 | eval-rmse:0.099561 | train-rmspe:0.077563 | eval-rmspe:0.10247 |
| [2093] | train-rmse:0.070345 | eval-rmse:0.099555 | train-rmspe:0.077544 | eval-rmspe:0.102465 |
| [2094] | train-rmse:0.070335 | eval-rmse:0.099555 | train-rmspe:0.077533 | eval-rmspe:0.102467 |
| [2095] | train-rmse:0.070324 | eval-rmse:0.099554 | train-rmspe:0.077519 | eval-rmspe:0.102464 |
| [2096] | train-rmse:0.070317 | eval-rmse:0.099551 | train-rmspe:0.077512 | eval-rmspe:0.102461 |
| [2097] | train-rmse:0.070311 | eval-rmse:0.099553 | train-rmspe:0.077504 | eval-rmspe:0.102462 |
| [2098] | train-rmse:0.070298 | eval-rmse:0.099555 | train-rmspe:0.077484 | eval-rmspe:0.102462 |
| [2099] | train-rmse:0.070284 | eval-rmse:0.099553 | train-rmspe:0.077466 | eval-rmspe:0.102462 |
| [2100] | train-rmse:0.07028 | eval-rmse:0.099556 | train-rmspe:0.077462 | eval-rmspe:0.102465 |
| [2101] | train-rmse:0.070268 | eval-rmse:0.099556 | train-rmspe:0.077444 | eval-rmspe:0.102465 |
| [2102] | train-rmse:0.070262 | eval-rmse:0.099557 | train-rmspe:0.077439 | eval-rmspe:0.102465 |
| [2103] | train-rmse:0.070253 | eval-rmse:0.09956 | train-rmspe:0.077423 | eval-rmspe:0.102467 |
| [2104] | train-rmse:0.070245 | eval-rmse:0.099558 | train-rmspe:0.077413 | eval-rmspe:0.102465 |
| [2105] | train-rmse:0.070239 | eval-rmse:0.099555 | train-rmspe:0.077407 | eval-rmspe:0.102458 |
| [2106] | train-rmse:0.07023 | eval-rmse:0.099555 | train-rmspe:0.077397 | eval-rmspe:0.102458 |
| [2107] | train-rmse:0.070219 | eval-rmse:0.099552 | train-rmspe:0.077386 | eval-rmspe:0.102452 |

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| [2108] | train-rmse:0.070214 -rmspe:0.102456 | eval-rmse:0.099558 | train-rmspe:0.077379 | eval |
| [2109] | train-rmse:0.070208 -rmspe:0.102458 | eval-rmse:0.099559 | train-rmspe:0.077372 | eval |
| [2110] | train-rmse:0.0702 -rmspe:0.102457 | eval-rmse:0.099558 | train-rmspe:0.077363 | eval |
| [2111] | train-rmse:0.07019 -rmspe:0.10246 | eval-rmse:0.099561 | train-rmspe:0.077352 | eval |
| [2112] | train-rmse:0.070182 -rmspe:0.102459 | eval-rmse:0.099559 | train-rmspe:0.077343 | eval |
| [2113] | train-rmse:0.070174 -rmspe:0.102459 | eval-rmse:0.099559 | train-rmspe:0.077335 | eval |
| [2114] | train-rmse:0.070168 -rmspe:0.102458 | eval-rmse:0.099554 | train-rmspe:0.077326 | eval |
| [2115] | train-rmse:0.07016 -rmspe:0.102456 | eval-rmse:0.099553 | train-rmspe:0.077316 | eval |
| [2116] | train-rmse:0.070147 -rmspe:0.102453 | eval-rmse:0.099551 | train-rmspe:0.077289 | eval |
| [2117] | train-rmse:0.070139 -rmspe:0.102448 | eval-rmse:0.099541 | train-rmspe:0.077282 | eval |
| [2118] | train-rmse:0.070131 -rmspe:0.102447 | eval-rmse:0.099541 | train-rmspe:0.07727 | eval |
| [2119] | train-rmse:0.070121 -rmspe:0.102443 | eval-rmse:0.099537 | train-rmspe:0.077258 | eval |
| [2120] | train-rmse:0.070112 -rmspe:0.10244 | eval-rmse:0.099533 | train-rmspe:0.077248 | eval |
| [2121] | train-rmse:0.070102 -rmspe:0.102436 | eval-rmse:0.099529 | train-rmspe:0.077235 | eval |
| [2122] | train-rmse:0.070096 -rmspe:0.102436 | eval-rmse:0.099527 | train-rmspe:0.077227 | eval |
| [2123] | train-rmse:0.07009 -rmspe:0.102438 | eval-rmse:0.099528 | train-rmspe:0.077221 | eval |
| [2124] | train-rmse:0.070085 -rmspe:0.102436 | eval-rmse:0.099527 | train-rmspe:0.077216 | eval |
| [2125] | train-rmse:0.070078 -rmspe:0.102438 | eval-rmse:0.099529 | train-rmspe:0.077206 | eval |
| [2126] | train-rmse:0.07007 -rmspe:0.102436 | eval-rmse:0.099527 | train-rmspe:0.077195 | eval |
| [2127] | train-rmse:0.070061 -rmspe:0.102434 | eval-rmse:0.099526 | train-rmspe:0.077184 | eval |
| [2128] | train-rmse:0.07005 -rmspe:0.10243 | eval-rmse:0.099525 | train-rmspe:0.077166 | eval |
| [2129] | train-rmse:0.070041 -rmspe:0.10243 | eval-rmse:0.099525 | train-rmspe:0.077155 | eval |

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| [2130] | train-rmse:0.070031 | eval-rmse:0.099524 | train-rmspe:0.077144 | eval-rmspe:0.10243 |
| [2131] | train-rmse:0.070024 | eval-rmse:0.099522 | train-rmspe:0.077051 | eval-rmspe:0.102428 |
| [2132] | train-rmse:0.070014 | eval-rmse:0.099518 | train-rmspe:0.077034 | eval-rmspe:0.102425 |
| [2133] | train-rmse:0.070002 | eval-rmse:0.099524 | train-rmspe:0.076866 | eval-rmspe:0.102433 |
| [2134] | train-rmse:0.069995 | eval-rmse:0.099533 | train-rmspe:0.076858 | eval-rmspe:0.102442 |
| [2135] | train-rmse:0.069981 | eval-rmse:0.099536 | train-rmspe:0.076828 | eval-rmspe:0.102443 |
| [2136] | train-rmse:0.069969 | eval-rmse:0.099532 | train-rmspe:0.07681 | eval-rmspe:0.102439 |
| [2137] | train-rmse:0.069962 | eval-rmse:0.099535 | train-rmspe:0.076802 | eval-rmspe:0.102443 |
| [2138] | train-rmse:0.069956 | eval-rmse:0.099537 | train-rmspe:0.076795 | eval-rmspe:0.102444 |
| [2139] | train-rmse:0.069945 | eval-rmse:0.099534 | train-rmspe:0.076783 | eval-rmspe:0.102442 |
| [2140] | train-rmse:0.069938 | eval-rmse:0.099537 | train-rmspe:0.076775 | eval-rmspe:0.102445 |
| [2141] | train-rmse:0.069924 | eval-rmse:0.099528 | train-rmspe:0.076762 | eval-rmspe:0.102437 |
| [2142] | train-rmse:0.069914 | eval-rmse:0.099527 | train-rmspe:0.076748 | eval-rmspe:0.102436 |
| [2143] | train-rmse:0.069908 | eval-rmse:0.099531 | train-rmspe:0.076742 | eval-rmspe:0.102441 |
| [2144] | train-rmse:0.069894 | eval-rmse:0.099531 | train-rmspe:0.076728 | eval-rmspe:0.102442 |
| [2145] | train-rmse:0.069881 | eval-rmse:0.099532 | train-rmspe:0.076703 | eval-rmspe:0.10244 |
| [2146] | train-rmse:0.069869 | eval-rmse:0.099529 | train-rmspe:0.076692 | eval-rmspe:0.102438 |
| [2147] | train-rmse:0.069859 | eval-rmse:0.099524 | train-rmspe:0.07668 | eval-rmspe:0.102432 |
| [2148] | train-rmse:0.069854 | eval-rmse:0.099524 | train-rmspe:0.076675 | eval-rmspe:0.102432 |
| [2149] | train-rmse:0.069849 | eval-rmse:0.099532 | train-rmspe:0.076669 | eval-rmspe:0.10244 |
| [2150] | train-rmse:0.069841 | eval-rmse:0.099528 | train-rmspe:0.076662 | eval-rmspe:0.102436 |
| [2151] | train-rmse:0.069835 | eval-rmse:0.099526 | train-rmspe:0.076654 | eval-rmspe:0.102434 |

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| [2152] | train-rmse:0.06983 -rmspe:0.102431 | eval-rmse:0.099523 | train-rmspe:0.076648 | eval |
| [2153] | train-rmse:0.069817 -rmspe:0.102425 | eval-rmse:0.099517 | train-rmspe:0.076635 | eval |
| [2154] | train-rmse:0.069809 -rmspe:0.102425 | eval-rmse:0.099517 | train-rmspe:0.076626 | eval |
| [2155] | train-rmse:0.069802 -rmspe:0.102424 | eval-rmse:0.099516 | train-rmspe:0.076619 | eval |
| [2156] | train-rmse:0.069796 -rmspe:0.102423 | eval-rmse:0.099517 | train-rmspe:0.076609 | eval |
| [2157] | train-rmse:0.069788 -rmspe:0.102417 | eval-rmse:0.099512 | train-rmspe:0.076599 | eval |
| [2158] | train-rmse:0.06978 -rmspe:0.102418 | eval-rmse:0.099512 | train-rmspe:0.076587 | eval |
| [2159] | train-rmse:0.069773 -rmspe:0.102437 | eval-rmse:0.099541 | train-rmspe:0.076579 | eval |
| [2160] | train-rmse:0.069763 -rmspe:0.102439 | eval-rmse:0.099541 | train-rmspe:0.076566 | eval |
| [2161] | train-rmse:0.069756 -rmspe:0.102435 | eval-rmse:0.099537 | train-rmspe:0.076558 | eval |
| [2162] | train-rmse:0.069742 -rmspe:0.102431 | eval-rmse:0.099529 | train-rmspe:0.076529 | eval |
| [2163] | train-rmse:0.069734 -rmspe:0.102429 | eval-rmse:0.099527 | train-rmspe:0.076521 | eval |
| [2164] | train-rmse:0.069717 -rmspe:0.102421 | eval-rmse:0.099517 | train-rmspe:0.076501 | eval |
| [2165] | train-rmse:0.069711 -rmspe:0.102418 | eval-rmse:0.099514 | train-rmspe:0.076494 | eval |
| [2166] | train-rmse:0.069704 -rmspe:0.102413 | eval-rmse:0.09951 | train-rmspe:0.076484 | eval |
| [2167] | train-rmse:0.069693 -rmspe:0.102404 | eval-rmse:0.099502 | train-rmspe:0.076474 | eval |
| [2168] | train-rmse:0.069681 -rmspe:0.102399 | eval-rmse:0.099497 | train-rmspe:0.076452 | eval |
| [2169] | train-rmse:0.069671 -rmspe:0.102401 | eval-rmse:0.0995 | train-rmspe:0.07644 | eval |
| [2170] | train-rmse:0.069666 -rmspe:0.102396 | eval-rmse:0.099497 | train-rmspe:0.076434 | eval |
| [2171] | train-rmse:0.069654 -rmspe:0.102395 | eval-rmse:0.099497 | train-rmspe:0.076417 | eval |
| [2172] | train-rmse:0.069651 -rmspe:0.1024 | eval-rmse:0.099501 | train-rmspe:0.076414 | eval |
| [2173] | train-rmse:0.069642 -rmspe:0.102399 | eval-rmse:0.099503 | train-rmspe:0.076406 | eval |

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| [2174] | train-rmse:0.069634 | eval-rmse:0.099502 | train-rmspe:0.076396 | eval |
| | -rmspe:0.102398 | | | |
| [2175] | train-rmse:0.069629 | eval-rmse:0.099502 | train-rmspe:0.07639 | eval |
| | -rmspe:0.102397 | | | |
| [2176] | train-rmse:0.069616 | eval-rmse:0.099498 | train-rmspe:0.076375 | eval |
| | -rmspe:0.102393 | | | |
| [2177] | train-rmse:0.069605 | eval-rmse:0.099504 | train-rmspe:0.076364 | eval |
| | -rmspe:0.102402 | | | |
| [2178] | train-rmse:0.069599 | eval-rmse:0.099504 | train-rmspe:0.076358 | eval |
| | -rmspe:0.102401 | | | |
| [2179] | train-rmse:0.069589 | eval-rmse:0.099503 | train-rmspe:0.076346 | eval |
| | -rmspe:0.102403 | | | |
| [2180] | train-rmse:0.069578 | eval-rmse:0.099516 | train-rmspe:0.076325 | eval |
| | -rmspe:0.102414 | | | |
| [2181] | train-rmse:0.069569 | eval-rmse:0.099521 | train-rmspe:0.076307 | eval |
| | -rmspe:0.102424 | | | |
| [2182] | train-rmse:0.069562 | eval-rmse:0.099517 | train-rmspe:0.076289 | eval |
| | -rmspe:0.102419 | | | |
| [2183] | train-rmse:0.069551 | eval-rmse:0.099515 | train-rmspe:0.076274 | eval |
| | -rmspe:0.102418 | | | |
| [2184] | train-rmse:0.069539 | eval-rmse:0.099516 | train-rmspe:0.076254 | eval |
| | -rmspe:0.10242 | | | |
| [2185] | train-rmse:0.069527 | eval-rmse:0.099512 | train-rmspe:0.076236 | eval |
| | -rmspe:0.102415 | | | |
| [2186] | train-rmse:0.069517 | eval-rmse:0.099509 | train-rmspe:0.07622 | eval |
| | -rmspe:0.102412 | | | |
| [2187] | train-rmse:0.069511 | eval-rmse:0.099516 | train-rmspe:0.076211 | eval |
| | -rmspe:0.102419 | | | |
| [2188] | train-rmse:0.069503 | eval-rmse:0.09951 | train-rmspe:0.076202 | eval |
| | -rmspe:0.102414 | | | |
| [2189] | train-rmse:0.069493 | eval-rmse:0.099512 | train-rmspe:0.076192 | eval |
| | -rmspe:0.102418 | | | |
| [2190] | train-rmse:0.069484 | eval-rmse:0.099514 | train-rmspe:0.076172 | eval |
| | -rmspe:0.10242 | | | |
| [2191] | train-rmse:0.069472 | eval-rmse:0.099509 | train-rmspe:0.076153 | eval |
| | -rmspe:0.102416 | | | |
| [2192] | train-rmse:0.069458 | eval-rmse:0.099507 | train-rmspe:0.076139 | eval |
| | -rmspe:0.102414 | | | |
| [2193] | train-rmse:0.069451 | eval-rmse:0.099507 | train-rmspe:0.076131 | eval |
| | -rmspe:0.102414 | | | |
| [2194] | train-rmse:0.069445 | eval-rmse:0.099505 | train-rmspe:0.076123 | eval |
| | -rmspe:0.102411 | | | |
| [2195] | train-rmse:0.069433 | eval-rmse:0.099505 | train-rmspe:0.076104 | eval |
| | -rmspe:0.102409 | | | |

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| [2196] | train-rmse:0.069423 | eval-rmse:0.099502 | train-rmspe:0.076088 | eval-rmspe:0.102407 |
| [2197] | train-rmse:0.069414 | eval-rmse:0.099499 | train-rmspe:0.076078 | eval-rmspe:0.102402 |
| [2198] | train-rmse:0.069409 | eval-rmse:0.099499 | train-rmspe:0.076073 | eval-rmspe:0.102401 |
| [2199] | train-rmse:0.069405 | eval-rmse:0.099499 | train-rmspe:0.076067 | eval-rmspe:0.102402 |
| [2200] | train-rmse:0.0694 | eval-rmse:0.099499 | train-rmspe:0.076061 | eval-rmspe:0.102401 |
| [2201] | train-rmse:0.06939 | eval-rmse:0.099492 | train-rmspe:0.076048 | eval-rmspe:0.102394 |
| [2202] | train-rmse:0.069378 | eval-rmse:0.099501 | train-rmspe:0.076033 | eval-rmspe:0.102399 |
| [2203] | train-rmse:0.069369 | eval-rmse:0.0995 | train-rmspe:0.076019 | eval-rmspe:0.102397 |
| [2204] | train-rmse:0.069359 | eval-rmse:0.099499 | train-rmspe:0.076004 | eval-rmspe:0.102394 |
| [2205] | train-rmse:0.069347 | eval-rmse:0.099498 | train-rmspe:0.075985 | eval-rmspe:0.102391 |
| [2206] | train-rmse:0.06934 | eval-rmse:0.099498 | train-rmspe:0.07597 | eval-rmspe:0.102391 |
| [2207] | train-rmse:0.069334 | eval-rmse:0.099498 | train-rmspe:0.075926 | eval-rmspe:0.102391 |
| [2208] | train-rmse:0.069324 | eval-rmse:0.099497 | train-rmspe:0.075916 | eval-rmspe:0.102389 |
| [2209] | train-rmse:0.069314 | eval-rmse:0.099494 | train-rmspe:0.075906 | eval-rmspe:0.102388 |
| [2210] | train-rmse:0.069304 | eval-rmse:0.099497 | train-rmspe:0.075895 | eval-rmspe:0.102395 |
| [2211] | train-rmse:0.0693 | eval-rmse:0.099501 | train-rmspe:0.075891 | eval-rmspe:0.102398 |
| [2212] | train-rmse:0.069286 | eval-rmse:0.099495 | train-rmspe:0.075875 | eval-rmspe:0.102392 |
| [2213] | train-rmse:0.06928 | eval-rmse:0.099504 | train-rmspe:0.075865 | eval-rmspe:0.102399 |
| [2214] | train-rmse:0.069274 | eval-rmse:0.099501 | train-rmspe:0.07586 | eval-rmspe:0.102395 |
| [2215] | train-rmse:0.06927 | eval-rmse:0.0995 | train-rmspe:0.075856 | eval-rmspe:0.102395 |
| [2216] | train-rmse:0.069258 | eval-rmse:0.099496 | train-rmspe:0.075844 | eval-rmspe:0.10239 |
| [2217] | train-rmse:0.069247 | eval-rmse:0.099495 | train-rmspe:0.07583 | eval-rmspe:0.102389 |

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| [2218] | train-rmse:0.069233 | eval-rmse:0.099491 | train-rmspe:0.075809 | eval-rmspe:0.102381 |
| [2219] | train-rmse:0.069223 | eval-rmse:0.099487 | train-rmspe:0.075797 | eval-rmspe:0.102374 |
| [2220] | train-rmse:0.06922 | eval-rmse:0.099495 | train-rmspe:0.075793 | eval-rmspe:0.102379 |
| [2221] | train-rmse:0.069208 | eval-rmse:0.099494 | train-rmspe:0.07578 | eval-rmspe:0.102378 |
| [2222] | train-rmse:0.069198 | eval-rmse:0.099492 | train-rmspe:0.075769 | eval-rmspe:0.102376 |
| [2223] | train-rmse:0.069183 | eval-rmse:0.099486 | train-rmspe:0.075746 | eval-rmspe:0.10237 |
| [2224] | train-rmse:0.069171 | eval-rmse:0.099461 | train-rmspe:0.075733 | eval-rmspe:0.102348 |
| [2225] | train-rmse:0.069162 | eval-rmse:0.099461 | train-rmspe:0.075721 | eval-rmspe:0.102349 |
| [2226] | train-rmse:0.069149 | eval-rmse:0.099461 | train-rmspe:0.075708 | eval-rmspe:0.10235 |
| [2227] | train-rmse:0.069134 | eval-rmse:0.099455 | train-rmspe:0.075693 | eval-rmspe:0.102343 |
| [2228] | train-rmse:0.069126 | eval-rmse:0.099448 | train-rmspe:0.075685 | eval-rmspe:0.102335 |
| [2229] | train-rmse:0.06912 | eval-rmse:0.099449 | train-rmspe:0.075678 | eval-rmspe:0.102335 |
| [2230] | train-rmse:0.069108 | eval-rmse:0.099447 | train-rmspe:0.075659 | eval-rmspe:0.102332 |
| [2231] | train-rmse:0.069098 | eval-rmse:0.099447 | train-rmspe:0.075648 | eval-rmspe:0.102331 |
| [2232] | train-rmse:0.069091 | eval-rmse:0.099446 | train-rmspe:0.07564 | eval-rmspe:0.10233 |
| [2233] | train-rmse:0.069084 | eval-rmse:0.09944 | train-rmspe:0.075633 | eval-rmspe:0.102325 |
| [2234] | train-rmse:0.069076 | eval-rmse:0.099438 | train-rmspe:0.075618 | eval-rmspe:0.102323 |
| [2235] | train-rmse:0.069071 | eval-rmse:0.09944 | train-rmspe:0.075625 | eval-rmspe:0.102323 |
| [2236] | train-rmse:0.06906 | eval-rmse:0.099435 | train-rmspe:0.075614 | eval-rmspe:0.102321 |
| [2237] | train-rmse:0.069052 | eval-rmse:0.099432 | train-rmspe:0.075604 | eval-rmspe:0.102317 |
| [2238] | train-rmse:0.069039 | eval-rmse:0.09943 | train-rmspe:0.075582 | eval-rmspe:0.102316 |
| [2239] | train-rmse:0.069029 | eval-rmse:0.099424 | train-rmspe:0.075567 | eval-rmspe:0.102309 |

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| [2240] | train-rmse:0.069018 | eval-rmse:0.099421 | train-rmspe:0.075555 | eval-rmspe:0.102305 |
| [2241] | train-rmse:0.06901 | eval-rmse:0.099416 | train-rmspe:0.075545 | eval-rmspe:0.102299 |
| [2242] | train-rmse:0.069003 | eval-rmse:0.099421 | train-rmspe:0.075537 | eval-rmspe:0.102305 |
| [2243] | train-rmse:0.068995 | eval-rmse:0.099419 | train-rmspe:0.075527 | eval-rmspe:0.102303 |
| [2244] | train-rmse:0.068983 | eval-rmse:0.099411 | train-rmspe:0.075515 | eval-rmspe:0.102295 |
| [2245] | train-rmse:0.068973 | eval-rmse:0.099408 | train-rmspe:0.075515 | eval-rmspe:0.102289 |
| [2246] | train-rmse:0.068969 | eval-rmse:0.099405 | train-rmspe:0.075511 | eval-rmspe:0.102286 |
| [2247] | train-rmse:0.068959 | eval-rmse:0.099405 | train-rmspe:0.075499 | eval-rmspe:0.102285 |
| [2248] | train-rmse:0.068954 | eval-rmse:0.099405 | train-rmspe:0.075494 | eval-rmspe:0.102284 |
| [2249] | train-rmse:0.068943 | eval-rmse:0.099409 | train-rmspe:0.075483 | eval-rmspe:0.102292 |
| [2250] | train-rmse:0.068937 | eval-rmse:0.09941 | train-rmspe:0.075473 | eval-rmspe:0.102294 |
| [2251] | train-rmse:0.068927 | eval-rmse:0.09941 | train-rmspe:0.075464 | eval-rmspe:0.102292 |
| [2252] | train-rmse:0.068916 | eval-rmse:0.099408 | train-rmspe:0.07545 | eval-rmspe:0.102291 |
| [2253] | train-rmse:0.068907 | eval-rmse:0.099404 | train-rmspe:0.075424 | eval-rmspe:0.102287 |
| [2254] | train-rmse:0.068903 | eval-rmse:0.099404 | train-rmspe:0.07542 | eval-rmspe:0.102286 |
| [2255] | train-rmse:0.068895 | eval-rmse:0.099402 | train-rmspe:0.075412 | eval-rmspe:0.102284 |
| [2256] | train-rmse:0.068884 | eval-rmse:0.099402 | train-rmspe:0.075399 | eval-rmspe:0.102289 |
| [2257] | train-rmse:0.068876 | eval-rmse:0.099402 | train-rmspe:0.075392 | eval-rmspe:0.102287 |
| [2258] | train-rmse:0.068866 | eval-rmse:0.099394 | train-rmspe:0.075374 | eval-rmspe:0.102278 |
| [2259] | train-rmse:0.06886 | eval-rmse:0.099394 | train-rmspe:0.075367 | eval-rmspe:0.102278 |
| [2260] | train-rmse:0.068854 | eval-rmse:0.099393 | train-rmspe:0.075361 | eval-rmspe:0.102277 |
| [2261] | train-rmse:0.068845 | eval-rmse:0.099395 | train-rmspe:0.075353 | eval-rmspe:0.102277 |

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| [2262] | train-rmse:0.068834 -rmspe:0.102275 | eval-rmse:0.099395 | train-rmspe:0.075338 | eval |
| [2263] | train-rmse:0.068827 -rmspe:0.10226 | eval-rmse:0.099385 | train-rmspe:0.07533 | eval |
| [2264] | train-rmse:0.068821 -rmspe:0.102269 | eval-rmse:0.09939 | train-rmspe:0.075325 | eval |
| [2265] | train-rmse:0.068812 -rmspe:0.102265 | eval-rmse:0.099385 | train-rmspe:0.075299 | eval |
| [2266] | train-rmse:0.068802 -rmspe:0.102268 | eval-rmse:0.099386 | train-rmspe:0.075287 | eval |
| [2267] | train-rmse:0.068796 -rmspe:0.10226 | eval-rmse:0.099379 | train-rmspe:0.075281 | eval |
| [2268] | train-rmse:0.068787 -rmspe:0.10226 | eval-rmse:0.099378 | train-rmspe:0.075269 | eval |
| [2269] | train-rmse:0.068779 -rmspe:0.102253 | eval-rmse:0.099372 | train-rmspe:0.075259 | eval |
| [2270] | train-rmse:0.068772 -rmspe:0.102255 | eval-rmse:0.099373 | train-rmspe:0.075249 | eval |
| [2271] | train-rmse:0.068767 -rmspe:0.10226 | eval-rmse:0.099376 | train-rmspe:0.07524 | eval |
| [2272] | train-rmse:0.068755 -rmspe:0.102253 | eval-rmse:0.099372 | train-rmspe:0.075227 | eval |
| [2273] | train-rmse:0.068749 -rmspe:0.102255 | eval-rmse:0.099373 | train-rmspe:0.075221 | eval |
| [2274] | train-rmse:0.068738 -rmspe:0.102249 | eval-rmse:0.099369 | train-rmspe:0.07521 | eval |
| [2275] | train-rmse:0.068732 -rmspe:0.102253 | eval-rmse:0.099372 | train-rmspe:0.075203 | eval |
| [2276] | train-rmse:0.068728 -rmspe:0.102253 | eval-rmse:0.099373 | train-rmspe:0.075199 | eval |
| [2277] | train-rmse:0.06872 -rmspe:0.102252 | eval-rmse:0.099373 | train-rmspe:0.07519 | eval |
| [2278] | train-rmse:0.06871 -rmspe:0.10225 | eval-rmse:0.099372 | train-rmspe:0.075177 | eval |
| [2279] | train-rmse:0.068695 -rmspe:0.102236 | eval-rmse:0.099367 | train-rmspe:0.075146 | eval |
| [2280] | train-rmse:0.068687 -rmspe:0.102235 | eval-rmse:0.099369 | train-rmspe:0.075136 | eval |
| [2281] | train-rmse:0.068683 -rmspe:0.10223 | eval-rmse:0.099364 | train-rmspe:0.075132 | eval |
| [2282] | train-rmse:0.068672 -rmspe:0.10223 | eval-rmse:0.099365 | train-rmspe:0.075118 | eval |
| [2283] | train-rmse:0.068663 -rmspe:0.102227 | eval-rmse:0.099362 | train-rmspe:0.075103 | eval |

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| [2284] | train-rmse:0.068656 -rmspe:0.102224 | eval-rmse:0.09936 | train-rmspe:0.075093 | eval |
| [2285] | train-rmse:0.068645 -rmspe:0.102224 | eval-rmse:0.099358 | train-rmspe:0.075034 | eval |
| [2286] | train-rmse:0.068639 -rmspe:0.102223 | eval-rmse:0.099357 | train-rmspe:0.075027 | eval |
| [2287] | train-rmse:0.068631 -rmspe:0.102222 | eval-rmse:0.099356 | train-rmspe:0.075011 | eval |
| [2288] | train-rmse:0.068624 -rmspe:0.102219 | eval-rmse:0.099352 | train-rmspe:0.075004 | eval |
| [2289] | train-rmse:0.068613 -rmspe:0.102217 | eval-rmse:0.099348 | train-rmspe:0.074993 | eval |
| [2290] | train-rmse:0.0686 -rmspe:0.102216 | eval-rmse:0.099346 | train-rmspe:0.074979 | eval |
| [2291] | train-rmse:0.068588 -rmspe:0.102212 | eval-rmse:0.099342 | train-rmspe:0.074962 | eval |
| [2292] | train-rmse:0.068579 -rmspe:0.102209 | eval-rmse:0.099339 | train-rmspe:0.074952 | eval |
| [2293] | train-rmse:0.068575 -rmspe:0.102206 | eval-rmse:0.099337 | train-rmspe:0.074946 | eval |
| [2294] | train-rmse:0.068565 -rmspe:0.102215 | eval-rmse:0.099346 | train-rmspe:0.074935 | eval |
| [2295] | train-rmse:0.068552 -rmspe:0.102214 | eval-rmse:0.099344 | train-rmspe:0.074912 | eval |
| [2296] | train-rmse:0.068542 -rmspe:0.102258 | eval-rmse:0.099368 | train-rmspe:0.074899 | eval |
| [2297] | train-rmse:0.06853 -rmspe:0.102255 | eval-rmse:0.099366 | train-rmspe:0.074885 | eval |
| [2298] | train-rmse:0.068521 -rmspe:0.102249 | eval-rmse:0.099359 | train-rmspe:0.074868 | eval |
| [2299] | train-rmse:0.068515 -rmspe:0.102275 | eval-rmse:0.099374 | train-rmspe:0.07486 | eval |
| [2300] | train-rmse:0.068503 -rmspe:0.102276 | eval-rmse:0.099377 | train-rmspe:0.074848 | eval |
| [2301] | train-rmse:0.0685 -rmspe:0.102275 | eval-rmse:0.099375 | train-rmspe:0.074847 | eval |
| [2302] | train-rmse:0.06849 -rmspe:0.102277 | eval-rmse:0.09938 | train-rmspe:0.074834 | eval |
| [2303] | train-rmse:0.068479 -rmspe:0.102282 | eval-rmse:0.099385 | train-rmspe:0.074806 | eval |
| [2304] | train-rmse:0.068471 -rmspe:0.10228 | eval-rmse:0.099383 | train-rmspe:0.074798 | eval |
| [2305] | train-rmse:0.068462 -rmspe:0.102276 | eval-rmse:0.099383 | train-rmspe:0.074789 | eval |

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| [2306] | train-rmse:0.068454 | eval-rmse:0.099395 | train-rmspe:0.074776 | eval-rmspe:0.102287 |
| [2307] | train-rmse:0.068444 | eval-rmse:0.099393 | train-rmspe:0.074765 | eval-rmspe:0.102281 |
| [2308] | train-rmse:0.068434 | eval-rmse:0.099391 | train-rmspe:0.074754 | eval-rmspe:0.102279 |
| [2309] | train-rmse:0.068426 | eval-rmse:0.099393 | train-rmspe:0.074745 | eval-rmspe:0.10228 |
| [2310] | train-rmse:0.068418 | eval-rmse:0.0994 | train-rmspe:0.074735 | eval-rmspe:0.102287 |
| [2311] | train-rmse:0.068407 | eval-rmse:0.099406 | train-rmspe:0.074724 | eval-rmspe:0.102292 |
| [2312] | train-rmse:0.068401 | eval-rmse:0.0994 | train-rmspe:0.074716 | eval-rmspe:0.102284 |
| [2313] | train-rmse:0.068395 | eval-rmse:0.099392 | train-rmspe:0.074711 | eval-rmspe:0.102279 |
| [2314] | train-rmse:0.068386 | eval-rmse:0.099387 | train-rmspe:0.074701 | eval-rmspe:0.102275 |
| [2315] | train-rmse:0.068372 | eval-rmse:0.099383 | train-rmspe:0.074678 | eval-rmspe:0.10227 |
| [2316] | train-rmse:0.06836 | eval-rmse:0.099377 | train-rmspe:0.074598 | eval-rmspe:0.102259 |
| [2317] | train-rmse:0.068351 | eval-rmse:0.099374 | train-rmspe:0.074589 | eval-rmspe:0.102258 |
| [2318] | train-rmse:0.068345 | eval-rmse:0.099379 | train-rmspe:0.074583 | eval-rmspe:0.102266 |
| [2319] | train-rmse:0.068335 | eval-rmse:0.099379 | train-rmspe:0.074571 | eval-rmspe:0.102266 |
| [2320] | train-rmse:0.068327 | eval-rmse:0.099378 | train-rmspe:0.074561 | eval-rmspe:0.102267 |
| [2321] | train-rmse:0.06832 | eval-rmse:0.099368 | train-rmspe:0.074554 | eval-rmspe:0.102244 |
| [2322] | train-rmse:0.068311 | eval-rmse:0.099367 | train-rmspe:0.07447 | eval-rmspe:0.102242 |
| [2323] | train-rmse:0.068309 | eval-rmse:0.099372 | train-rmspe:0.074467 | eval-rmspe:0.102249 |
| [2324] | train-rmse:0.0683 | eval-rmse:0.099368 | train-rmspe:0.074457 | eval-rmspe:0.102245 |
| [2325] | train-rmse:0.068293 | eval-rmse:0.099366 | train-rmspe:0.074447 | eval-rmspe:0.102244 |
| [2326] | train-rmse:0.068284 | eval-rmse:0.099364 | train-rmspe:0.074436 | eval-rmspe:0.102241 |
| [2327] | train-rmse:0.068275 | eval-rmse:0.099359 | train-rmspe:0.074426 | eval-rmspe:0.102239 |

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| [2328] | train-rmse:0.068267 | eval-rmse:0.099361 | train-rmspe:0.074418 | eval |
| | -rmspe:0.102241 | | | |
| [2329] | train-rmse:0.06826 | eval-rmse:0.099368 | train-rmspe:0.07441 | eval |
| | -rmspe:0.102247 | | | |
| [2330] | train-rmse:0.068253 | eval-rmse:0.099369 | train-rmspe:0.074403 | eval |
| | -rmspe:0.10225 | | | |
| [2331] | train-rmse:0.068248 | eval-rmse:0.099362 | train-rmspe:0.074406 | eval |
| | -rmspe:0.102246 | | | |
| [2332] | train-rmse:0.068239 | eval-rmse:0.09936 | train-rmspe:0.074396 | eval |
| | -rmspe:0.102243 | | | |
| [2333] | train-rmse:0.068233 | eval-rmse:0.099362 | train-rmspe:0.07439 | eval |
| | -rmspe:0.102247 | | | |
| [2334] | train-rmse:0.068229 | eval-rmse:0.09936 | train-rmspe:0.074386 | eval |
| | -rmspe:0.102245 | | | |
| [2335] | train-rmse:0.068221 | eval-rmse:0.099354 | train-rmspe:0.074378 | eval |
| | -rmspe:0.102241 | | | |
| [2336] | train-rmse:0.068212 | eval-rmse:0.099353 | train-rmspe:0.074366 | eval |
| | -rmspe:0.102239 | | | |
| [2337] | train-rmse:0.068209 | eval-rmse:0.099352 | train-rmspe:0.074364 | eval |
| | -rmspe:0.10224 | | | |
| [2338] | train-rmse:0.068204 | eval-rmse:0.099347 | train-rmspe:0.074359 | eval |
| | -rmspe:0.102235 | | | |
| [2339] | train-rmse:0.068201 | eval-rmse:0.099346 | train-rmspe:0.074356 | eval |
| | -rmspe:0.102233 | | | |
| [2340] | train-rmse:0.068192 | eval-rmse:0.099345 | train-rmspe:0.074339 | eval |
| | -rmspe:0.102232 | | | |
| [2341] | train-rmse:0.068186 | eval-rmse:0.099344 | train-rmspe:0.074332 | eval |
| | -rmspe:0.102232 | | | |
| [2342] | train-rmse:0.068176 | eval-rmse:0.099341 | train-rmspe:0.074318 | eval |
| | -rmspe:0.102225 | | | |
| [2343] | train-rmse:0.068167 | eval-rmse:0.099336 | train-rmspe:0.074306 | eval |
| | -rmspe:0.102221 | | | |
| [2344] | train-rmse:0.068155 | eval-rmse:0.099337 | train-rmspe:0.074287 | eval |
| | -rmspe:0.102222 | | | |
| [2345] | train-rmse:0.068144 | eval-rmse:0.099331 | train-rmspe:0.074224 | eval |
| | -rmspe:0.102215 | | | |
| [2346] | train-rmse:0.068135 | eval-rmse:0.099332 | train-rmspe:0.074208 | eval |
| | -rmspe:0.102217 | | | |
| [2347] | train-rmse:0.068127 | eval-rmse:0.099334 | train-rmspe:0.074199 | eval |
| | -rmspe:0.102219 | | | |
| [2348] | train-rmse:0.068118 | eval-rmse:0.099331 | train-rmspe:0.07419 | eval |
| | -rmspe:0.102214 | | | |
| [2349] | train-rmse:0.068111 | eval-rmse:0.099328 | train-rmspe:0.074184 | eval |
| | -rmspe:0.10221 | | | |

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| [2350] | train-rmse:0.068102 -rmspe:0.102202 | eval-rmse:0.099317 | train-rmspe:0.074176 | eval |
| [2351] | train-rmse:0.068097 -rmspe:0.102203 | eval-rmse:0.099319 | train-rmspe:0.07417 | eval |
| [2352] | train-rmse:0.068092 -rmspe:0.102201 | eval-rmse:0.099317 | train-rmspe:0.074164 | eval |
| [2353] | train-rmse:0.068082 -rmspe:0.102201 | eval-rmse:0.09932 | train-rmspe:0.074148 | eval |
| [2354] | train-rmse:0.068075 -rmspe:0.102201 | eval-rmse:0.099321 | train-rmspe:0.07414 | eval |
| [2355] | train-rmse:0.068068 -rmspe:0.102196 | eval-rmse:0.099319 | train-rmspe:0.074133 | eval |
| [2356] | train-rmse:0.068062 -rmspe:0.102193 | eval-rmse:0.099319 | train-rmspe:0.074126 | eval |
| [2357] | train-rmse:0.068042 -rmspe:0.102193 | eval-rmse:0.099321 | train-rmspe:0.074075 | eval |
| [2358] | train-rmse:0.068036 -rmspe:0.102193 | eval-rmse:0.09932 | train-rmspe:0.074068 | eval |
| [2359] | train-rmse:0.068031 -rmspe:0.102192 | eval-rmse:0.099318 | train-rmspe:0.074062 | eval |
| [2360] | train-rmse:0.068028 -rmspe:0.102192 | eval-rmse:0.099318 | train-rmspe:0.074058 | eval |
| [2361] | train-rmse:0.06802 -rmspe:0.102196 | eval-rmse:0.099319 | train-rmspe:0.074044 | eval |
| [2362] | train-rmse:0.068009 -rmspe:0.102197 | eval-rmse:0.099318 | train-rmspe:0.07403 | eval |
| [2363] | train-rmse:0.068005 -rmspe:0.102198 | eval-rmse:0.099319 | train-rmspe:0.074026 | eval |
| [2364] | train-rmse:0.067995 -rmspe:0.102194 | eval-rmse:0.099316 | train-rmspe:0.074012 | eval |
| [2365] | train-rmse:0.067983 -rmspe:0.102191 | eval-rmse:0.099309 | train-rmspe:0.073996 | eval |
| [2366] | train-rmse:0.067979 -rmspe:0.102191 | eval-rmse:0.099309 | train-rmspe:0.073991 | eval |
| [2367] | train-rmse:0.067971 -rmspe:0.102189 | eval-rmse:0.099311 | train-rmspe:0.073981 | eval |
| [2368] | train-rmse:0.067961 -rmspe:0.102189 | eval-rmse:0.099309 | train-rmspe:0.073969 | eval |
| [2369] | train-rmse:0.067948 -rmspe:0.102187 | eval-rmse:0.099308 | train-rmspe:0.073954 | eval |
| [2370] | train-rmse:0.067943 -rmspe:0.102186 | eval-rmse:0.099306 | train-rmspe:0.073946 | eval |
| [2371] | train-rmse:0.067937 -rmspe:0.102187 | eval-rmse:0.099306 | train-rmspe:0.07394 | eval |

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| [2372] | train-rmse:0.067931 | eval-rmse:0.099302 | train-rmspe:0.073933 | eval |
| | -rmspe:0.102182 | | | |
| [2373] | train-rmse:0.067923 | eval-rmse:0.099301 | train-rmspe:0.073925 | eval |
| | -rmspe:0.102181 | | | |
| [2374] | train-rmse:0.067916 | eval-rmse:0.099312 | train-rmspe:0.073918 | eval |
| | -rmspe:0.102186 | | | |
| [2375] | train-rmse:0.067907 | eval-rmse:0.099318 | train-rmspe:0.073901 | eval |
| | -rmspe:0.102184 | | | |
| [2376] | train-rmse:0.067898 | eval-rmse:0.099316 | train-rmspe:0.073891 | eval |
| | -rmspe:0.102184 | | | |
| [2377] | train-rmse:0.067894 | eval-rmse:0.099316 | train-rmspe:0.073888 | eval |
| | -rmspe:0.102181 | | | |
| [2378] | train-rmse:0.067884 | eval-rmse:0.099318 | train-rmspe:0.073876 | eval |
| | -rmspe:0.102183 | | | |
| [2379] | train-rmse:0.067876 | eval-rmse:0.099315 | train-rmspe:0.073866 | eval |
| | -rmspe:0.102182 | | | |
| [2380] | train-rmse:0.06787 | eval-rmse:0.099313 | train-rmspe:0.073856 | eval |
| | -rmspe:0.10218 | | | |
| [2381] | train-rmse:0.067858 | eval-rmse:0.099311 | train-rmspe:0.073833 | eval |
| | -rmspe:0.102176 | | | |
| [2382] | train-rmse:0.06785 | eval-rmse:0.099315 | train-rmspe:0.073821 | eval |
| | -rmspe:0.10218 | | | |
| [2383] | train-rmse:0.067838 | eval-rmse:0.099321 | train-rmspe:0.073805 | eval |
| | -rmspe:0.102183 | | | |
| [2384] | train-rmse:0.067835 | eval-rmse:0.099318 | train-rmspe:0.073802 | eval |
| | -rmspe:0.102178 | | | |
| [2385] | train-rmse:0.067822 | eval-rmse:0.099309 | train-rmspe:0.073786 | eval |
| | -rmspe:0.10217 | | | |
| [2386] | train-rmse:0.067816 | eval-rmse:0.099305 | train-rmspe:0.073779 | eval |
| | -rmspe:0.102166 | | | |
| [2387] | train-rmse:0.067806 | eval-rmse:0.099305 | train-rmspe:0.073769 | eval |
| | -rmspe:0.102166 | | | |
| [2388] | train-rmse:0.067798 | eval-rmse:0.099308 | train-rmspe:0.073748 | eval |
| | -rmspe:0.102169 | | | |
| [2389] | train-rmse:0.067786 | eval-rmse:0.099305 | train-rmspe:0.073733 | eval |
| | -rmspe:0.102167 | | | |
| [2390] | train-rmse:0.067782 | eval-rmse:0.099304 | train-rmspe:0.073728 | eval |
| | -rmspe:0.102165 | | | |
| [2391] | train-rmse:0.067778 | eval-rmse:0.099296 | train-rmspe:0.073723 | eval |
| | -rmspe:0.102149 | | | |
| [2392] | train-rmse:0.067772 | eval-rmse:0.099296 | train-rmspe:0.073713 | eval |
| | -rmspe:0.102149 | | | |
| [2393] | train-rmse:0.067761 | eval-rmse:0.099295 | train-rmspe:0.073696 | eval |
| | -rmspe:0.102147 | | | |

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| [2394] | train-rmse:0.067754 | eval-rmse:0.099295 | train-rmspe:0.073688 | eval-rmspe:0.102148 |
| [2395] | train-rmse:0.067747 | eval-rmse:0.099292 | train-rmspe:0.073679 | eval-rmspe:0.102141 |
| [2396] | train-rmse:0.06774 | eval-rmse:0.099294 | train-rmspe:0.073666 | eval-rmspe:0.102148 |
| [2397] | train-rmse:0.067736 | eval-rmse:0.099292 | train-rmspe:0.073662 | eval-rmspe:0.102146 |
| [2398] | train-rmse:0.067728 | eval-rmse:0.0993 | train-rmspe:0.073627 | eval-rmspe:0.10215 |
| [2399] | train-rmse:0.067722 | eval-rmse:0.099303 | train-rmspe:0.073618 | eval-rmspe:0.10215 |
| [2400] | train-rmse:0.067715 | eval-rmse:0.099305 | train-rmspe:0.07361 | eval-rmspe:0.102154 |
| [2401] | train-rmse:0.067704 | eval-rmse:0.09929 | train-rmspe:0.0736 | eval-rmspe:0.102143 |
| [2402] | train-rmse:0.0677 | eval-rmse:0.099287 | train-rmspe:0.073597 | eval-rmspe:0.102139 |
| [2403] | train-rmse:0.067695 | eval-rmse:0.099285 | train-rmspe:0.073587 | eval-rmspe:0.102137 |
| [2404] | train-rmse:0.067682 | eval-rmse:0.099281 | train-rmspe:0.073572 | eval-rmspe:0.102135 |
| [2405] | train-rmse:0.067672 | eval-rmse:0.099268 | train-rmspe:0.073562 | eval-rmspe:0.102121 |
| [2406] | train-rmse:0.067664 | eval-rmse:0.09927 | train-rmspe:0.073552 | eval-rmspe:0.102121 |
| [2407] | train-rmse:0.067651 | eval-rmse:0.099265 | train-rmspe:0.073533 | eval-rmspe:0.102117 |
| [2408] | train-rmse:0.067645 | eval-rmse:0.099265 | train-rmspe:0.073526 | eval-rmspe:0.102116 |
| [2409] | train-rmse:0.067639 | eval-rmse:0.099261 | train-rmspe:0.073518 | eval-rmspe:0.102112 |
| [2410] | train-rmse:0.067631 | eval-rmse:0.099273 | train-rmspe:0.073508 | eval-rmspe:0.102131 |
| [2411] | train-rmse:0.067621 | eval-rmse:0.099271 | train-rmspe:0.073493 | eval-rmspe:0.10213 |
| [2412] | train-rmse:0.067611 | eval-rmse:0.099276 | train-rmspe:0.073482 | eval-rmspe:0.10213 |
| [2413] | train-rmse:0.0676 | eval-rmse:0.099275 | train-rmspe:0.073467 | eval-rmspe:0.102129 |
| [2414] | train-rmse:0.067592 | eval-rmse:0.099266 | train-rmspe:0.073458 | eval-rmspe:0.102118 |
| [2415] | train-rmse:0.067584 | eval-rmse:0.09927 | train-rmspe:0.073447 | eval-rmspe:0.102123 |

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| [2416] | train-rmse:0.067575 | eval-rmse:0.099271 | train-rmspe:0.073401 | eval-rmspe:0.102127 |
| [2417] | train-rmse:0.067569 | eval-rmse:0.09927 | train-rmspe:0.073393 | eval-rmspe:0.102127 |
| [2418] | train-rmse:0.067565 | eval-rmse:0.09927 | train-rmspe:0.073392 | eval-rmspe:0.102126 |
| [2419] | train-rmse:0.067558 | eval-rmse:0.099274 | train-rmspe:0.073373 | eval-rmspe:0.102129 |
| [2420] | train-rmse:0.067549 | eval-rmse:0.099272 | train-rmspe:0.073362 | eval-rmspe:0.102127 |
| [2421] | train-rmse:0.067538 | eval-rmse:0.099268 | train-rmspe:0.07335 | eval-rmspe:0.102124 |
| [2422] | train-rmse:0.067534 | eval-rmse:0.099269 | train-rmspe:0.073347 | eval-rmspe:0.102124 |
| [2423] | train-rmse:0.067526 | eval-rmse:0.099274 | train-rmspe:0.073336 | eval-rmspe:0.102126 |
| [2424] | train-rmse:0.067516 | eval-rmse:0.099274 | train-rmspe:0.073316 | eval-rmspe:0.102126 |
| [2425] | train-rmse:0.067509 | eval-rmse:0.099272 | train-rmspe:0.073309 | eval-rmspe:0.102124 |
| [2426] | train-rmse:0.067499 | eval-rmse:0.099273 | train-rmspe:0.073294 | eval-rmspe:0.102126 |
| [2427] | train-rmse:0.067497 | eval-rmse:0.09927 | train-rmspe:0.073292 | eval-rmspe:0.102123 |
| [2428] | train-rmse:0.067492 | eval-rmse:0.099271 | train-rmspe:0.073286 | eval-rmspe:0.102122 |
| [2429] | train-rmse:0.067484 | eval-rmse:0.099273 | train-rmspe:0.073276 | eval-rmspe:0.102124 |
| [2430] | train-rmse:0.06748 | eval-rmse:0.099274 | train-rmspe:0.073272 | eval-rmspe:0.102124 |
| [2431] | train-rmse:0.067473 | eval-rmse:0.099279 | train-rmspe:0.073265 | eval-rmspe:0.102133 |
| [2432] | train-rmse:0.067464 | eval-rmse:0.099278 | train-rmspe:0.073254 | eval-rmspe:0.102129 |
| [2433] | train-rmse:0.067461 | eval-rmse:0.099276 | train-rmspe:0.073251 | eval-rmspe:0.102129 |
| [2434] | train-rmse:0.067454 | eval-rmse:0.09928 | train-rmspe:0.073244 | eval-rmspe:0.102136 |
| [2435] | train-rmse:0.067447 | eval-rmse:0.099279 | train-rmspe:0.073236 | eval-rmspe:0.102135 |
| [2436] | train-rmse:0.067443 | eval-rmse:0.09928 | train-rmspe:0.073231 | eval-rmspe:0.102135 |
| [2437] | train-rmse:0.067435 | eval-rmse:0.099278 | train-rmspe:0.073223 | eval-rmspe:0.102133 |

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| [2438] | train-rmse:0.067429 | eval-rmse:0.099274 | train-rmspe:0.073217 | eval-rmspe:0.102129 |
| [2439] | train-rmse:0.067419 | eval-rmse:0.099269 | train-rmspe:0.073203 | eval-rmspe:0.102127 |
| [2440] | train-rmse:0.067408 | eval-rmse:0.099271 | train-rmspe:0.073189 | eval-rmspe:0.102135 |
| [2441] | train-rmse:0.067398 | eval-rmse:0.099267 | train-rmspe:0.073172 | eval-rmspe:0.102131 |
| [2442] | train-rmse:0.067389 | eval-rmse:0.099266 | train-rmspe:0.073157 | eval-rmspe:0.10213 |
| [2443] | train-rmse:0.067381 | eval-rmse:0.099276 | train-rmspe:0.073149 | eval-rmspe:0.102141 |
| [2444] | train-rmse:0.067371 | eval-rmse:0.099277 | train-rmspe:0.073139 | eval-rmspe:0.102141 |
| [2445] | train-rmse:0.067356 | eval-rmse:0.099272 | train-rmspe:0.073121 | eval-rmspe:0.102137 |
| [2446] | train-rmse:0.067351 | eval-rmse:0.099279 | train-rmspe:0.073115 | eval-rmspe:0.102142 |
| [2447] | train-rmse:0.067349 | eval-rmse:0.099281 | train-rmspe:0.073113 | eval-rmspe:0.102143 |
| [2448] | train-rmse:0.067346 | eval-rmse:0.099279 | train-rmspe:0.07311 | eval-rmspe:0.102141 |
| [2449] | train-rmse:0.067339 | eval-rmse:0.099279 | train-rmspe:0.073103 | eval-rmspe:0.102142 |
| [2450] | train-rmse:0.067332 | eval-rmse:0.099279 | train-rmspe:0.073096 | eval-rmspe:0.102143 |
| [2451] | train-rmse:0.067327 | eval-rmse:0.099281 | train-rmspe:0.07309 | eval-rmspe:0.102143 |
| [2452] | train-rmse:0.06732 | eval-rmse:0.09928 | train-rmspe:0.073082 | eval-rmspe:0.102143 |
| [2453] | train-rmse:0.067312 | eval-rmse:0.09928 | train-rmspe:0.073073 | eval-rmspe:0.102144 |
| [2454] | train-rmse:0.067302 | eval-rmse:0.099271 | train-rmspe:0.07306 | eval-rmspe:0.102135 |
| [2455] | train-rmse:0.067295 | eval-rmse:0.099273 | train-rmspe:0.073052 | eval-rmspe:0.102133 |
| [2456] | train-rmse:0.067286 | eval-rmse:0.099272 | train-rmspe:0.073043 | eval-rmspe:0.102132 |
| [2457] | train-rmse:0.067278 | eval-rmse:0.099273 | train-rmspe:0.073034 | eval-rmspe:0.102138 |
| [2458] | train-rmse:0.067275 | eval-rmse:0.099272 | train-rmspe:0.073029 | eval-rmspe:0.10214 |
| [2459] | train-rmse:0.06727 | eval-rmse:0.099274 | train-rmspe:0.073023 | eval-rmspe:0.102141 |

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| [2460] | train-rmse:0.06726 -rmspe:0.102143 | eval-rmse:0.099275 | train-rmspe:0.073014 | eval |
| [2461] | train-rmse:0.067256 -rmspe:0.102144 | eval-rmse:0.099274 | train-rmspe:0.073008 | eval |
| [2462] | train-rmse:0.06725 -rmspe:0.102145 | eval-rmse:0.099275 | train-rmspe:0.073001 | eval |
| [2463] | train-rmse:0.067246 -rmspe:0.102144 | eval-rmse:0.099274 | train-rmspe:0.072997 | eval |
| [2464] | train-rmse:0.06724 -rmspe:0.102146 | eval-rmse:0.099275 | train-rmspe:0.072991 | eval |
| [2465] | train-rmse:0.067234 -rmspe:0.10215 | eval-rmse:0.099276 | train-rmspe:0.072984 | eval |
| [2466] | train-rmse:0.067222 -rmspe:0.102149 | eval-rmse:0.099276 | train-rmspe:0.072971 | eval |
| [2467] | train-rmse:0.067219 -rmspe:0.102154 | eval-rmse:0.099279 | train-rmspe:0.072967 | eval |
| [2468] | train-rmse:0.067212 -rmspe:0.102154 | eval-rmse:0.099278 | train-rmspe:0.072953 | eval |
| [2469] | train-rmse:0.067201 -rmspe:0.10215 | eval-rmse:0.099275 | train-rmspe:0.072936 | eval |
| [2470] | train-rmse:0.067185 -rmspe:0.102148 | eval-rmse:0.099272 | train-rmspe:0.072918 | eval |
| [2471] | train-rmse:0.067177 -rmspe:0.102149 | eval-rmse:0.099273 | train-rmspe:0.072908 | eval |
| [2472] | train-rmse:0.067168 -rmspe:0.102155 | eval-rmse:0.099276 | train-rmspe:0.072898 | eval |
| [2473] | train-rmse:0.06716 -rmspe:0.102154 | eval-rmse:0.099272 | train-rmspe:0.072891 | eval |
| [2474] | train-rmse:0.06715 -rmspe:0.102155 | eval-rmse:0.099273 | train-rmspe:0.072866 | eval |
| [2475] | train-rmse:0.067144 -rmspe:0.102155 | eval-rmse:0.099272 | train-rmspe:0.072861 | eval |
| [2476] | train-rmse:0.067138 -rmspe:0.102155 | eval-rmse:0.09927 | train-rmspe:0.072854 | eval |
| [2477] | train-rmse:0.06713 -rmspe:0.10215 | eval-rmse:0.099266 | train-rmspe:0.072845 | eval |
| [2478] | train-rmse:0.067124 -rmspe:0.102151 | eval-rmse:0.099267 | train-rmspe:0.072837 | eval |
| [2479] | train-rmse:0.067117 -rmspe:0.10215 | eval-rmse:0.099265 | train-rmspe:0.072831 | eval |
| [2480] | train-rmse:0.067111 -rmspe:0.102151 | eval-rmse:0.099265 | train-rmspe:0.072825 | eval |
| [2481] | train-rmse:0.067103 -rmspe:0.102143 | eval-rmse:0.099259 | train-rmspe:0.072816 | eval |

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| [2482] | train-rmse:0.067097 -rmspe:0.102139 | eval-rmse:0.099255 | train-rmspe:0.07275 | eval |
| [2483] | train-rmse:0.06709 -rmspe:0.102138 | eval-rmse:0.099254 | train-rmspe:0.072742 | eval |
| [2484] | train-rmse:0.067085 -rmspe:0.102135 | eval-rmse:0.099251 | train-rmspe:0.072736 | eval |
| [2485] | train-rmse:0.067076 -rmspe:0.102127 | eval-rmse:0.099236 | train-rmspe:0.072723 | eval |
| [2486] | train-rmse:0.067069 -rmspe:0.10212 | eval-rmse:0.099229 | train-rmspe:0.07271 | eval |
| [2487] | train-rmse:0.06706 -rmspe:0.102114 | eval-rmse:0.099225 | train-rmspe:0.0727 | eval |
| [2488] | train-rmse:0.06705 -rmspe:0.102112 | eval-rmse:0.099223 | train-rmspe:0.072684 | eval |
| [2489] | train-rmse:0.06704 -rmspe:0.102109 | eval-rmse:0.099223 | train-rmspe:0.072672 | eval |
| [2490] | train-rmse:0.067031 -rmspe:0.102109 | eval-rmse:0.099222 | train-rmspe:0.072659 | eval |
| [2491] | train-rmse:0.067024 -rmspe:0.102109 | eval-rmse:0.099219 | train-rmspe:0.072653 | eval |
| [2492] | train-rmse:0.067012 -rmspe:0.102103 | eval-rmse:0.099214 | train-rmspe:0.072633 | eval |
| [2493] | train-rmse:0.067002 -rmspe:0.102106 | eval-rmse:0.099214 | train-rmspe:0.072622 | eval |
| [2494] | train-rmse:0.066999 -rmspe:0.102109 | eval-rmse:0.099217 | train-rmspe:0.072619 | eval |
| [2495] | train-rmse:0.066991 -rmspe:0.102109 | eval-rmse:0.099216 | train-rmspe:0.072611 | eval |
| [2496] | train-rmse:0.066987 -rmspe:0.102111 | eval-rmse:0.099218 | train-rmspe:0.072602 | eval |
| [2497] | train-rmse:0.066979 -rmspe:0.102107 | eval-rmse:0.099213 | train-rmspe:0.072594 | eval |
| [2498] | train-rmse:0.066972 -rmspe:0.102107 | eval-rmse:0.099212 | train-rmspe:0.072585 | eval |
| [2499] | train-rmse:0.066964 -rmspe:0.102105 | eval-rmse:0.099211 | train-rmspe:0.072577 | eval |