bayesian_optimization
Parameters

cm_name: bo_0_s11

dataframe_in: data_transformed_0

description: Bayesian optimization method for optimization of timeseries

diff_func_name: manhattan_metrics

diff_func_parameters: {}

model_method: bayesian_optimization

name: bayesian_optimization

parameters:

   decision_variables:

     keys:

     - max_keys

   decision_variables_names:

   - graph_structure

   exploration_strategy: ei

   ground_truth_topology:

     keys:

     - max_keys

   initial_points: 100

   n_iterations: 4250

   num_pool: 5

   seed: 11

report_parameters: {}

running_time: 283670.53316283226

type: calibrationmodel

version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	39520	1.337645	39520

bayesian_optimization
Parameters

cm_name: bo_0_s6
dataframe_in: data_transformed_0
description: Bayesian optimization method for optimization of timeseries
diff_func_name: manhattan_metrics
diff_func_parameters: {}
model_method: bayesian_optimization
name: bayesian_optimization
parameters:
   decision_variables:
     keys:
     - max_keys
   decision_variables_names:
   - graph_structure
   exploration_strategy: ei
   ground_truth_topology:
     keys:
     - max_keys
   initial_points: 100
   n_iterations: 4250
   num_pool: 5
   seed: 6
report_parameters: {}
running_time: 279416.2528562546
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	27655	1.945384	27655

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_0_s6	bayesian_optimization	0.97	manhattan_metrics	data_transformed_0	279416.253 sec
bo_0_s11	bayesian_optimization	1.0	manhattan_metrics	data_transformed_0	283670.533 sec