bayesian_optimization
Parameters

cm_name: bo_40
dataframe_in: data_missing_40
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: 3750
   num_pool: 5
   seed: 6
report_parameters: {}
running_time: 194824.09911251068
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
   graph_structure min_distance round
0   31896   2.148264 31896

bayesian_optimization
Parameters

cm_name: bo_30
dataframe_in: data_missing_30
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: 3750
   num_pool: 5
   seed: 6
report_parameters: {}
running_time: 199712.61192035675
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	35204	2.138279	35204

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_40	bayesian_optimization	0.97	manhattan_metrics	data_missing_40	194824.099 sec
bo_30	bayesian_optimization	0.98	manhattan_metrics	data_missing_30	199712.612 sec