bayesian_optimization
Parameters

cm_name: bo_60
dataframe_in: data_missing_60
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: 199647.96873140335
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	37069	2.214031	37069

bayesian_optimization
Parameters

cm_name: bo_50
dataframe_in: data_missing_50
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: 197805.89599251747
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	21779	1.959007	21779

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_60	bayesian_optimization	0.98	manhattan_metrics	data_missing_60	199647.969 sec
bo_50	bayesian_optimization	0.97	manhattan_metrics	data_missing_50	197805.896 sec