bayesian_optimization
Parameters

cm_name: bo_20
dataframe_in: data_missing_20
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: 11
report_parameters: {}
running_time: 270795.2919476032
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	34860	2.55111	34860

bayesian_optimization
Parameters

cm_name: bo_10
dataframe_in: data_missing_10
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: 11
report_parameters: {}
running_time: 296649.7131574154
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	38586	2.013346	38586

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_20	bayesian_optimization	0.98	manhattan_metrics	data_missing_20	270795.292 sec
bo_10	bayesian_optimization	0.99	manhattan_metrics	data_missing_10	296649.713 sec