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: 6
report_parameters: {}
running_time: 238493.07578134537
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	27291	2.24057	27291

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: 6
report_parameters: {}
running_time: 199350.47086644173
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	35199	2.083162	35199

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_20	bayesian_optimization	0.97	manhattan_metrics	data_missing_20	238493.076 sec
bo_10	bayesian_optimization	0.98	manhattan_metrics	data_missing_10	199350.471 sec