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: 1
report_parameters: {}
running_time: 218412.40428066254
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
   graph_structure min_distance round
0   30807   3.260502 30807

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: 1
report_parameters: {}
running_time: 215743.99253487587
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	6788	4.049466	6788

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_40	bayesian_optimization	0.96	manhattan_metrics	data_missing_40	215743.993 sec
bo_30	bayesian_optimization	0.97	manhattan_metrics	data_missing_30	218412.404 sec