bayesian_optimization
Parameters

cm_name: bo_70
dataframe_in: data_missing_70
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: 202015.08626317978
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
   graph_structure min_distance round
0   32796   2.414427 32796

bayesian_optimization
Parameters

cm_name: bo_80
dataframe_in: data_missing_80
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: 244339.16831994057
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	35531	2.149694	35531

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_80	bayesian_optimization	0.98	manhattan_metrics	data_missing_80	244339.168 sec
bo_70	bayesian_optimization	0.97	manhattan_metrics	data_missing_70	202015.086 sec