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: 11
report_parameters: {}
running_time: 253662.72456979752
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
   graph_structure min_distance round
0   27423   10.936504 27423

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: 11

report_parameters: {}

running_time: 309733.7043173313

type: calibrationmodel

version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	min_distance	round
0	28998	23.075421	28998

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_80	bayesian_optimization	0.97	manhattan_metrics	data_missing_80	309733.704 sec
bo_70	bayesian_optimization	0.97	manhattan_metrics	data_missing_70	253662.725 sec