powell_method
Parameters

cm_name: powell_20
dataframe_in: data_missing_20
description: Powell Method for optimization of timeseries with simulation
diff_func_name: manhattan_metrics
diff_func_parameters: {}
model_method: powell_method
name: powell_method
parameters:
   decision_variables:
     keys:
     - max_keys
   decision_variables_names:
   - graph_structure
   epsilons:
   - 1
   ground_truth_topology:
     keys:
     - max_keys
   initial_points: 100
   n_draws: 20000
   n_iterations: 100
   nfe: 1500
   num_pool: 1
   population_size: 100
   seed: 16
report_parameters: {}
running_time: 4566.1901071071625
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	Distance	round
0	16656.314608	4.851605	16656.0

powell_method
Parameters

cm_name: powell_10
dataframe_in: data_missing_10
description: Powell Method for optimization of timeseries with simulation
diff_func_name: manhattan_metrics
diff_func_parameters: {}
model_method: powell_method
name: powell_method
parameters:
   decision_variables:
     keys:
     - max_keys
   decision_variables_names:
   - graph_structure
   epsilons:
   - 1
   ground_truth_topology:
     keys:
     - max_keys
   initial_points: 100
   n_draws: 20000
   n_iterations: 100
   nfe: 1500
   num_pool: 1
   population_size: 100
   seed: 16
report_parameters: {}
running_time: 2850.6097416877747
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	Distance	round
0	16656.147778	3.027834	16656.0

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
powell_20	powell_method	0.97	manhattan_metrics	data_missing_20	4566.190 sec
powell_10	powell_method	0.97	manhattan_metrics	data_missing_10	2850.610 sec