powell_method
Parameters

cm_name: powell_30_s21
dataframe_in: data_missing_30
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: 21
report_parameters: {}
running_time: 3121.2075052261353
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
   graph_structure Distance   round
0   14477.721143 3.658402 14478.0

powell_method
Parameters

cm_name: powell_30_s26
dataframe_in: data_missing_30
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: 26
report_parameters: {}
running_time: 2827.607082605362
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:

	graph_structure	Distance	round
0	16656.318607	3.009503	16656.0

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
powell_30_s26	powell_method	0.97	manhattan_metrics	data_missing_30	2827.607 sec
powell_30_s21	powell_method	0.96	manhattan_metrics	data_missing_30	3121.208 sec