bayesian_optimization

Parameters

cm_name: bo_0_s21
dataframe_in: data_transformed_0
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: 4250
  num_pool: 5
  seed: 21
report_parameters: {}
running_time: 374273.1998476982
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
  graph_structure min_distance round
0   33062   1.398999 33062

bayesian_optimization

Parameters

cm_name: bo_0_s16
dataframe_in: data_transformed_0
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: 4250
  num_pool: 5
  seed: 16
report_parameters: {}
running_time: 394575.9753167629
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with most optimal solution:
  graph_structure min_distance round
0   27655   1.945384 27655

Summary

Model Name	Model Method	Score	Difference Function	Dataframe	Duration
bo_0_s21	bayesian_optimization	0.97	manhattan_metrics	data_transformed_0	374273.200 sec
bo_0_s16	bayesian_optimization	0.97	manhattan_metrics	data_transformed_0	394575.975 sec