approximate_bayesian_computation

Parameters

cm_name: abc_0_s26
dataframe_in: data_transformed_0
description: Approximate Bayesian Computation for Time Series
diff_func_name: manhattan_metrics
diff_func_parameters: {}
model_method: approximate_bayesian_computation
name: approximate_bayesian_computation
parameters:
  algorithm: pydream
  convergence_progress: true
  decision_variables:
    keys:
    - max_keys
  decision_variables_names:
  - graph_structure
  ground_truth_topology:
    keys:
    - max_keys
  n_chains: 3
  n_draws: 21000
  seed: 26
report_parameters: {}
running_time: 416683.98753118515
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with solutions:

	graph_structure	Distance
0	31597.533350	46.083670
1	31567.248932	42.564038
2	31536.964515	26.792851
3	10160.840331	14.574345
4	10160.840331	14.523198
...	...	...
16903	10.725462	15.087162
16904	10.725462	14.257665
16905	10.725462	14.300355
16906	10.725462	14.433548
16907	10.725462	14.095423

[16908 rows x 2 columns]
with the most optimal solution:

	graph_structure	Distance	round
0	10.725462	13.892132	11.0

with an acceptance percentage of 24.186194803124504%