approximate_bayesian_computation
Parameters

cm_name: abc_0_s6

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: 22000

   seed: 6

report_parameters: {}

running_time: 271019.7634716034

type: calibrationmodel

version: 1.0.0

Results

Summary CalibrationModel with solutions:

	graph_structure	Distance
0	17525.218903	22.096645
1	17525.218903	21.089041
2	17525.218903	20.088071
3	17525.218903	18.506693
4	0.000000	16.052051
...	...	...
3986	0.000000	15.395522
3987	0.000000	15.638602
3988	0.000000	15.570564
3989	0.000000	14.976805
3990	0.000000	15.459599

[3991 rows x 2 columns]

with the most optimal solution:

	graph_structure	Distance	round
0	0.0	14.40926	0.0

with an acceptance percentage of 0.007606876616461281%