

approximate_bayesian_computation

Parameters

cm_name: abc_0
dataframe_in: data_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:
 - Manufacturing_Time
 n_chains: 3
 n_draws: 15000
 objectives:
 - Manufacturer
 - Export_Port
 - Transit_Port
 - Import_Port
 - Wholesales_Distributor
 - Retailer_Amsterdam
 - Retailer_Utrecht
 - Retailer_Venlo
 ranges_variables:
 - - 1
 - 10
 seed: 25
report_parameters: {}
running_time: 87699.38971590996
type: calibrationmodel
version: 1.0.0

Results

Summary CalibrationModel with solutions:

	Manufacturing_Time	Distance
0	1.878908	7.796555
1	1.878908	7.796555
2	1.878908	7.796555
3	1.878908	7.796555
4	1.878908	7.796555
..
475	2.039188	7.204070
476	2.039188	7.204070
477	2.039188	7.204070
478	2.302959	6.456827
479	1.698557	7.330212

[480 rows x 2 columns]

with the most optimal solution:

0	2.40645	5.812582
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[illegible]

[illegible]