

# approximate\_bayesian\_computation

## Parameters

cm\_name: abc\_75  
dataframe\_in: data\_missing\_75  
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  
  decision\_variables:  
  - Manufacturing\_Time  
  epsilons:  
  - 1  
  n\_chains: 3  
  n\_draws: 20000  
  n\_iterations: 100  
  nfe: 15000  
  objectives:  
  - Manufacturer  
  - Export\_Port  
  - Transit\_Port  
  - Import\_Port  
  - Wholesales\_Distributor  
  - Retailer\_Amsterdam  
  - Retailer\_Utrecht  
  - Retailer\_Venlo  
  population\_size: 100  
  ranges\_variables:  
  - - 1  
  - 10  
  seed: 10  
report\_parameters: {}  
running\_time: 446800.6074209213  
type: calibrationmodel  
version: 1.0.0

## Results

Summary CalibrationModel with solutions:

|   | Manufacturing_Time | Distance  |
|---|--------------------|-----------|
| 0 | 1.0                | 26.405209 |

with the most optimal solution:

|   | Manufacturing_Time | Distance  |
|---|--------------------|-----------|
| 0 | 1.0                | 26.405209 |

with an acceptance percentage of 0.0%