

# 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: 15  
report\_parameters: {}  
running\_time: 81521.33469676971  
type: calibrationmodel  
version: 1.0.0

## Results

Summary CalibrationModel with solutions:

	Manufacturing_Time	Distance
0	1.587817	14.768416
1	1.000000	13.772067
2	2.940960	8.492161
3	2.940960	8.492161
4	2.940960	8.492161
...	...	...
1942	2.207126	5.533317
1943	2.207126	5.533317
1944	2.207126	5.533317
1945	2.207126	5.533317
1946	2.207126	5.533317

[1947 rows x 2 columns]

Manufacturing\_Time Distance

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[1679 rows x 2 columns]
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[illegible]

[illegible]