

# powell\_method

## Parameters

cm\_name: powell\_80  
dataframe\_in: data\_missing\_80  
description: Powell Method for optimization of timeseries with simulation  
diff\_func\_name: manhattan\_metrics  
diff\_func\_parameters: {}  
model\_method: powell\_method  
name: powell\_method  
parameters:  
  decision\_variables:  
    keys:  
      - max\_keys  
  decision\_variables\_names:  
    - graph\_structure  
  epsilons:  
    - 1  
  ground\_truth\_topology:  
    keys:  
      - max\_keys  
  initial\_points: 100  
  n\_draws: 20000  
  n\_iterations: 100  
  nfe: 1500  
  num\_pool: 1  
  population\_size: 100  
  seed: 11  
report\_parameters: {}  
running\_time: 1614.0734133720398  
type: calibrationmodel  
version: 1.0.0

## Results

Summary CalibrationModel with most optimal solution:

|   | graph_structure | Distance | round   |
|---|-----------------|----------|---------|
| 0 | 16656.328727    | 7.225528 | 16656.0 |