

# bayesian\_optimization

## Parameters

cm\_name: bo\_0\_s16  
dataframe\_in: data\_transformed\_0  
description: Bayesian optimization method for optimization of timeseries  
diff\_func\_name: manhattan\_metrics  
diff\_func\_parameters: {}  
model\_method: bayesian\_optimization  
name: bayesian\_optimization  
parameters:  
  decision\_variables:  
    keys:  
      - max\_keys  
  decision\_variables\_names:  
    - graph\_structure  
  exploration\_strategy: ei  
  ground\_truth\_topology:  
    keys:  
      - max\_keys  
  initial\_points: 100  
  n\_iterations: 4250  
  num\_pool: 5  
  seed: 16  
report\_parameters: {}  
running\_time: 394575.9753167629  
type: calibrationmodel  
version: 1.0.0

## Results

Summary CalibrationModel with most optimal solution:

|   | graph_structure | min_distance | round |
|---|-----------------|--------------|-------|
| 0 | 27655           | 1.945384     | 27655 |