Simulation

BATS-Simulation: Create a Synthetic Data Set

Time grid

times: 1;2;4;6;8;12;16;20;24;28;32

Number of replications

rep: 2;3;2;2;3;2;3;2;2;2;2

Number of genes

n: 4000

Differentially expressed genes

DE: 700

Maximal degree of polynomial

L: 6

Unrealistic values threshold

T: 5

Noise type

◉ Normal   ○ Student

Number of runs

Runs: 1

Number of different datasets

nn: 1

Standard deviation of the noise

std: 0.2

Signal to noise ratio range [a , b]

a: 2   b: 6

○ Custom random number seed

◉ Save this synthetic data set

Data set file suffix:

SyntheticData   Browse

BATS

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