

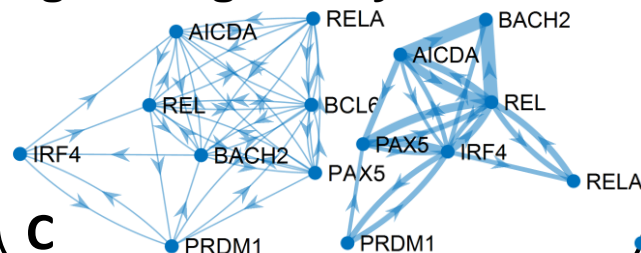
sc_qc
sc_norm

scRNA-seq data

network
inference

sc_pcnet
run_genie3

gene regulatory network



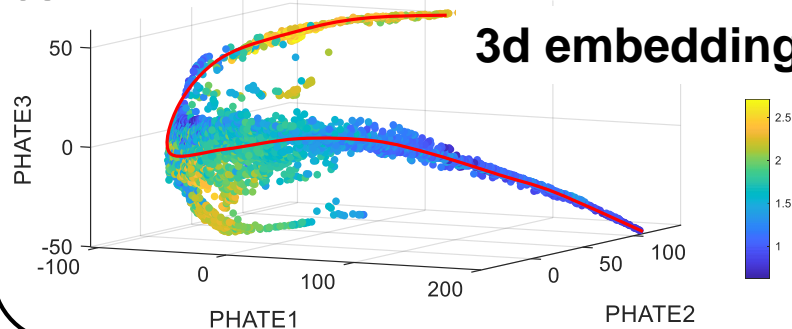
dimensionality
reduction

sc_tsne
run_ump
run_phate

A

PHATE 3D

3d embedding

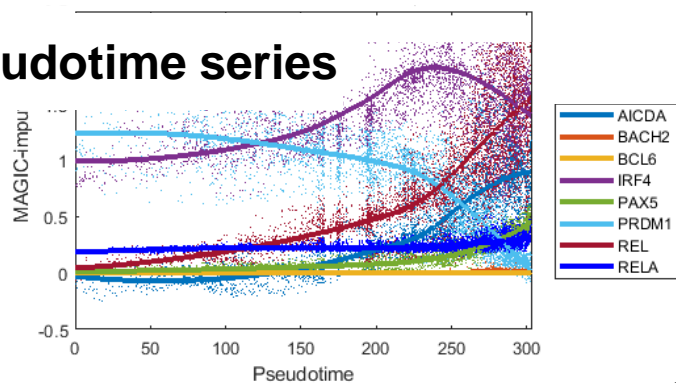


trajectory
analysis

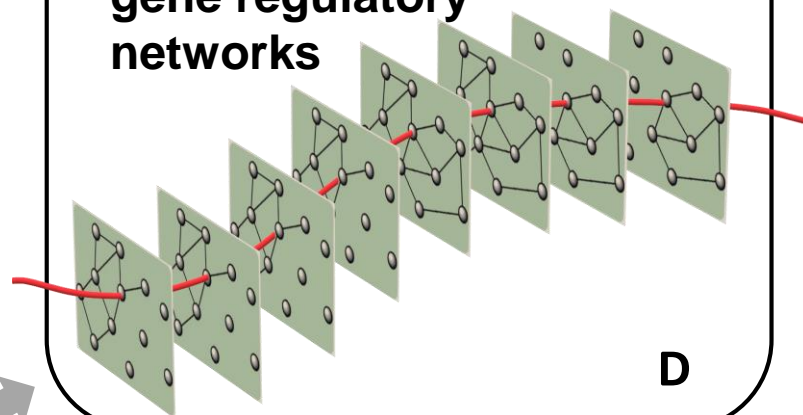
sc_tscan
sc_trajectory
plot_pseudotime

pseudotime series

B



pseudotime series
gene regulatory
networks



parameter
optimization

dynamic network

→ activation
—| inhibition

