

Log of average MSE

type — inferred GRN — baseline

Network density

0.005 : 1432 edges

0.01 : 2864 edges

0.025 : 7161 edges

0.05 : 14321 edges

0.075 : 21482 edges

bRF

0.005 : 1432 edges

0.01 : 2864 edges

0.025 : 7161 edges

0.05 : 14321 edges

0.075 : 21482 edges

LASSO-D3S

0.005 : 1432 edges

0.01 : 2864 edges

0.025 : 7161 edges

0.05 : 14321 edges

0.075 : 21482 edges

Log(mean(MSE))

α

0 0.25 0.50 0.75 1.00 0 0.25 0.50 0.75 1.00 0 0.25 0.50 0.75 1.00 0 0.25 0.50 0.75 1.00 0 0.25 0.50 0.75 1.00