

**Top20**

**RMSE**

1.5  
1.0  
0.5  
0.0

NoPerturb

Baseline2\_ContextMean

Baseline2\_AdditiveMean

Baseline2\_Linear

Baseline2\_MLP

CPA

GEARS

scELMO

PerturbNet

scGPT

scFoundation

Biolord

