

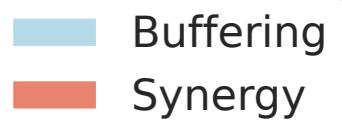
**Norman****Seen0 Allgenes****Seen2 Allgenes**

MAE

0.25  
0.20  
0.15  
0.10  
0.05  
0.00

NoPerturb  
 Baseline2\_ContextMean  
 Baseline2\_AdditiveMean  
 Baseline2\_Linear  
 Baseline2\_MLP  
 CPA  
 GEARS  
 scELMO  
 PerturbNet  
 scGPT  
 scFoundation  
 Biolord

NoPerturb  
 Baseline2\_ContextMean  
 Baseline2\_AdditiveMean  
 Baseline2\_Linear  
 Baseline2\_MLP  
 CPA  
 GEARS  
 scELMO  
 PerturbNet  
 scGPT  
 scFoundation  
 Biolord


 Buffering  
 Synergy