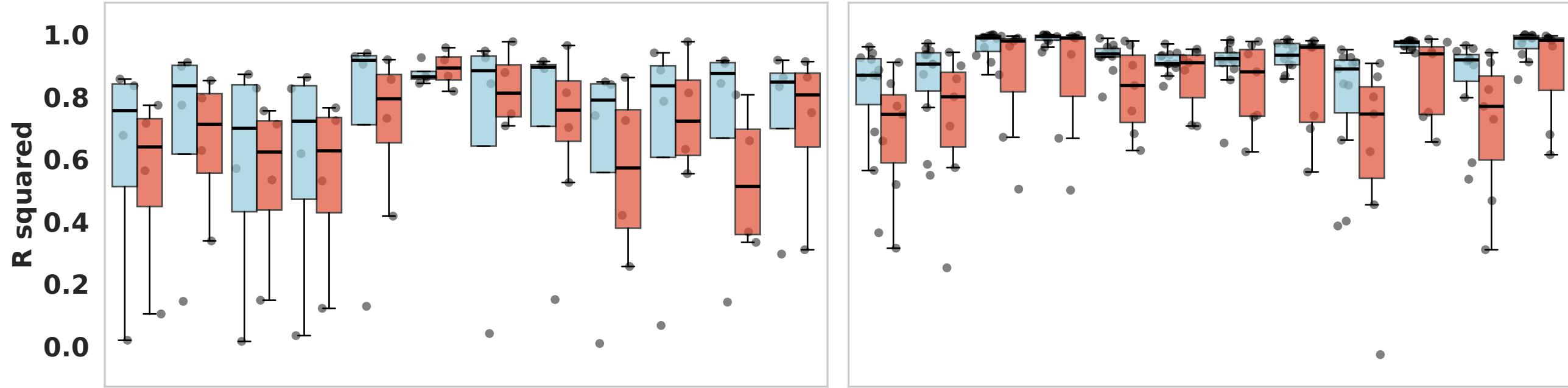


**Norman****Seen0 Top20****Seen2 Top20**

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