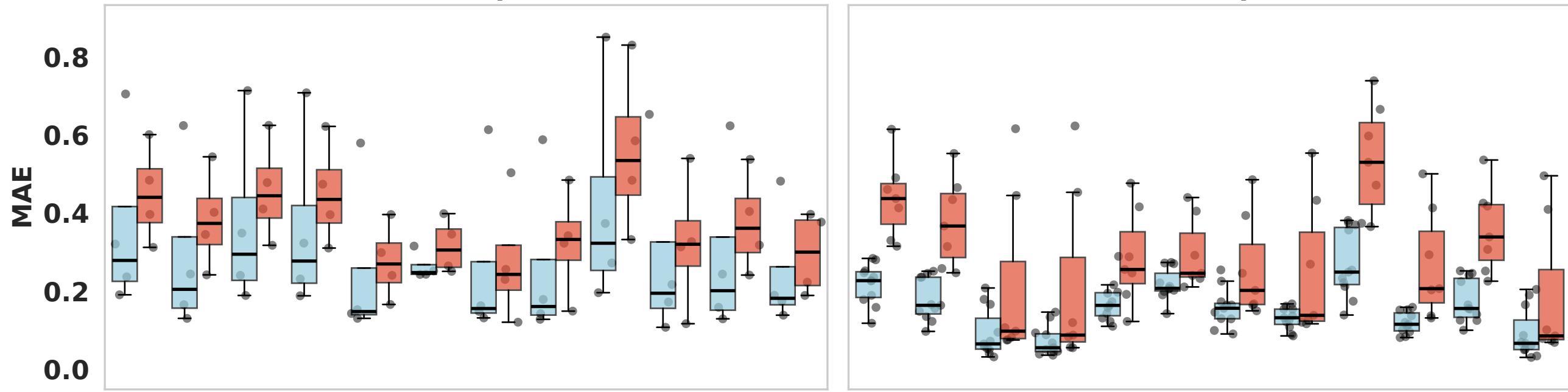


**Norman****Seen0 Top100****Seen2 Top100**

**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