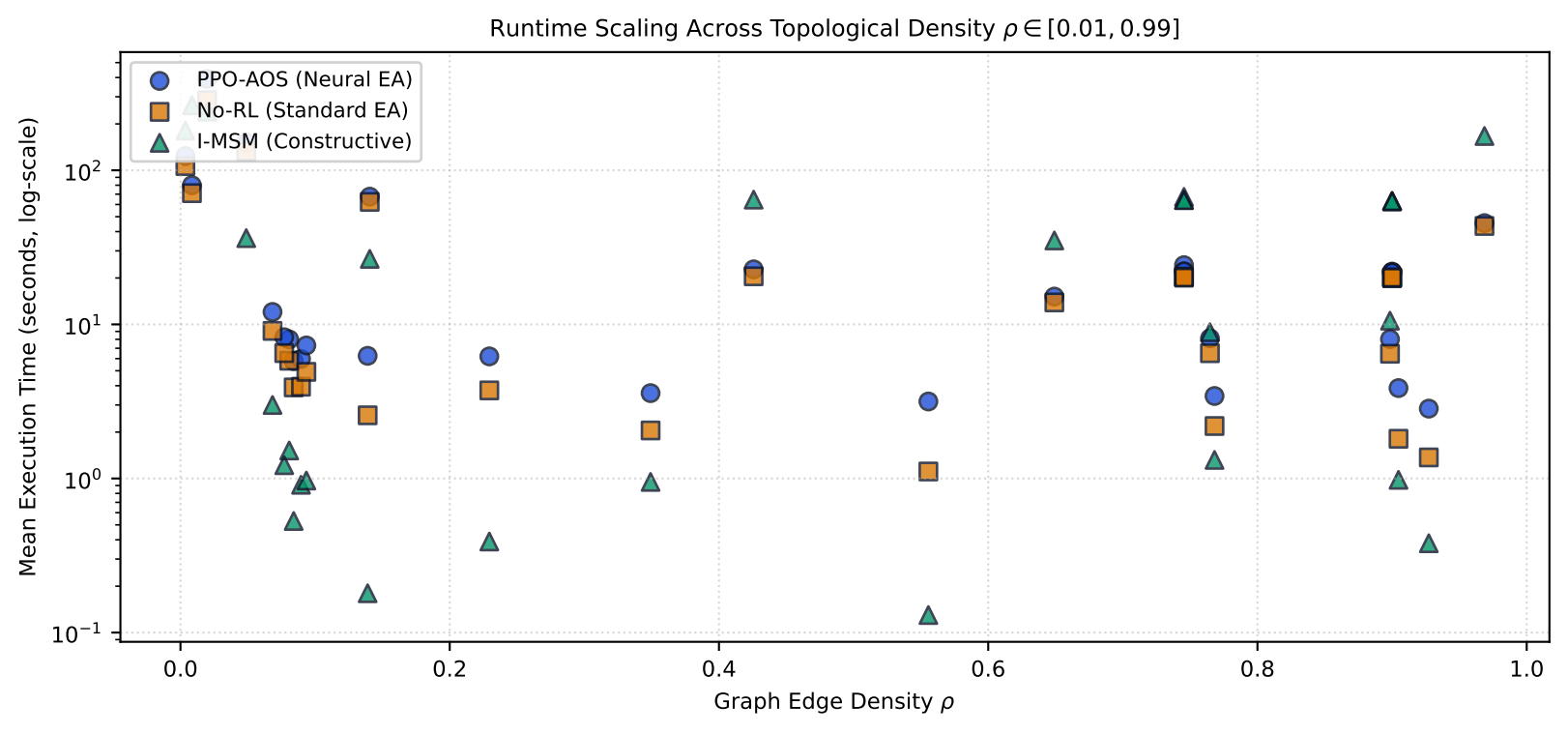

Runtime Scaling Across Topological Density $\rho \in [0.01, 0.99]$
PPO-AOS (Neural EA)
No-RL (Standard EA)
I-MSM (Constructive)
Mean Execution Time (seconds, log-scale)
10^{2}
10^{1}
10^{0}
10^{-1}
0.0
0.2
0.4
0.6
0.8
1.0
Graph Edge Density ρ