Performance Scaling: Average Online Performance
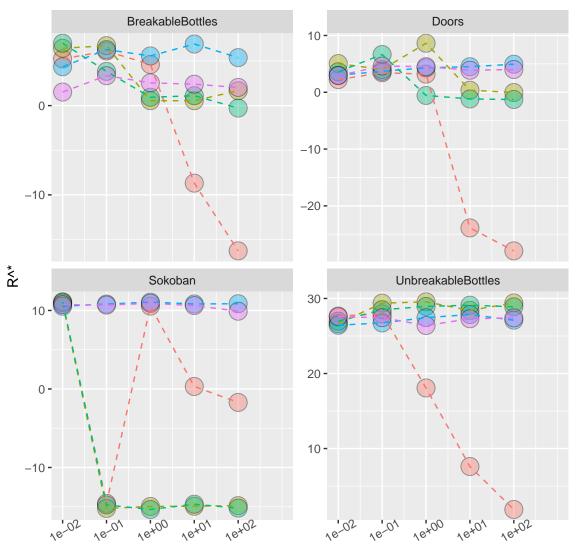Across 5000 trials