**Experiment 1**  $D^3RB$ ED<sup>2</sup>RB Corral **RB** Grid **UCB** Greedy EXP3 CorralLow CorralHigh EXP3Low EXP3High EXP3LowLR EXP3HighLR DoublingDataDrivenMedium 800 EstimatingDataDrivenMedium 400 600 1000 Rounds DoublingDataDrivenHigh EstimatingDataDrivenHigh

CorralSuperHigh

Base c=0

DoublingDataDrivenSuperHigh

EstimatingDataDrivenSuperHigh

1.8

1.6

1.4

1.2

1.0

8.0

0.6

0

200

Regret Scale