**Experiment K**  $D^3RB$  $FD^2RB$ Corral RB Grid -q **UCB** Greedy EXP3 CorralLow CorralHigh EXP3Low EXP3High EXP3LowLR EXP3HighLR DoublingDataDrivenMedium EstimatingDataDrivenMedium 200 800 400 600 1000 Rounds DoublingDataDrivenHigh EstimatingDataDrivenHigh CorralSuperHigh DoublingDataDrivenSuperHigh EstimatingDataDrivenSuperHigh  $D^3RB -s$ ED<sup>2</sup>RB -s Corral -s RB Grid -qs UCB -s Greedy -s EXP3 -s CorralLow -s CorralHigh -s EXP3Low -s EXP3High -s EXP3LowLR -s EXP3HighLR -s DoublingDataDrivenMedium -s EstimatingDataDrivenMedium -s DoublingDataDrivenHigh -s EstimatingDataDrivenHigh -s

CorralSuperHigh -s

dimension2 dimension5

dimension10 dimension15

DoublingDataDrivenSuperHigh -s

EstimatingDataDrivenSuperHigh -s

10

8

4

Regret Scale