**Experiment 5**  $D^3RB$ FD<sup>2</sup>RB 60 Corral RB Grid -q 50 **UCB** Regret Scale Greedy 40 EXP3 CorralLow 30 CorralHigh EXP3Low 20 EXP3High EXP3LowLR 10 EXP3HighLR DoublingDataDrivenMedium 0 EstimatingDataDrivenMedium 10000 12500 15000 17500 20000 2500 5000 7500 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 DoublingDataDrivenSuperHigh -s EstimatingDataDrivenSuperHigh -s Base d=2Base d=5Base d=10

Base d=15