Relative Regret Worst Arm [1.0] 1.0 Best Negative Arm [0.89] Greedy Empirical Sum [0.84] Uniform Random [0.83] ST-Uniform Random [0.81] Worst Positive Arm [0.77] ST-UCB [0.71] 8.0 SoftMax [0.7] empirical relative regret (averaged over repetitions) ST-SoftMax [0.7] UCB [0.69] ST-UCB [0.67] UCB [0.67] ST-UCB [0.61] Thompson-Sampling (Beta) [0.6] 0.6 ST-Thompson-Sampling (Beta) [0.6] UCB [0.58] ST-UCB [0.57] SoftMax [0.57] ST-SoftMax [0.57] Epsilon-Greedy [0.56] 0.4 UCB [0.56] ST-Epsilon-Greedy [0.54] ST-Epsilon-Greedy [0.53] Epsilon-Greedy [0.53] Epsilon-Greedy [0.51] ST-SoftMax [0.5] 0.2 Greedy Empirical Means [0.49] ST-Epsilon-Greedy [0.49] SoftMax [0.48] Best Arm [0.0] 0.0 50 100 150 200 250 0 t