Reward Trajectory for Needle In Haystack Low cumulative 3000 -Algorithm DynamicGreedy **Cumulative Mean Reward** 2000 -NonBayesianEpsilonGreedy, (t+1)^(-1/3) NonBayesianEpsilonGreedy, 0.05 NonBayesianEpsilonGreedy, T^(-1/3) **ThompsonSampling** UCB1WithConstantOne UCB1WithConstantT DynamicEpsilonGreedy, (t+1)^(-1/3) DynamicEpsilonGreedy, 0.05 DynamicEpsilonGreedy, T^(-1/3) 1000 -0 -2000 4000 6000 time