Average Total Reward vs. Number of Plays for Different Strategies Explore-then-commit (N=ceil(0.2T)) Explore-then-commit (N=ceil($0.5*T^(2/3)*(\log T)^(1/3)$)) ε -Greedy (ε =0.2) **Upper Confidence Bound** Average Total Reward J(T) Number of Plays (T)