Average Cumulative Regret with Upper Confidence Intervals - Bernoulli Environment EpsilonGreedy(epsilon=0.1, bernoulli) **UCB** 17.5 KL-UCB ThompsonSampling(bernoulli) GradientBandit(α =0.1, with_baseline) LLM (gpt-4.1-nano) 15.0 -LLM(gpt-4.1-nano) 12.5 Cumulative Regret 6.0 6.0 5.0 2.5 0.0 15 25 5 10 20 0 Steps