Average Cumulative Regret with Upper Confidence Intervals - Bernoulli Environment EpsilonGreedy(epsilon=0.1, bernoulli) 17.5 **UCB** KL-UCB ThompsonSampling(bernoulli) LLM(gpt-4.1-nano) 15.0 -LLM(gpt-4.1-nano) 12.5 **Cumulative Regret** 10.0 7.5 5.0 2.5 0.0 15 20 25 5 10 Steps