Average Cumulative Regret with Upper Confidence Intervals - Bernoulli Environment EpsilonGreedy(epsilon=0.1, bernoulli) UCB KL-UCB 14 ThompsonSampling(bernoulli) LLM(gpt-4.1-nano) LLM(gpt-4.1-nano) 12 10 **Cumulative Regret** 8 4 2 0 0.0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 Steps