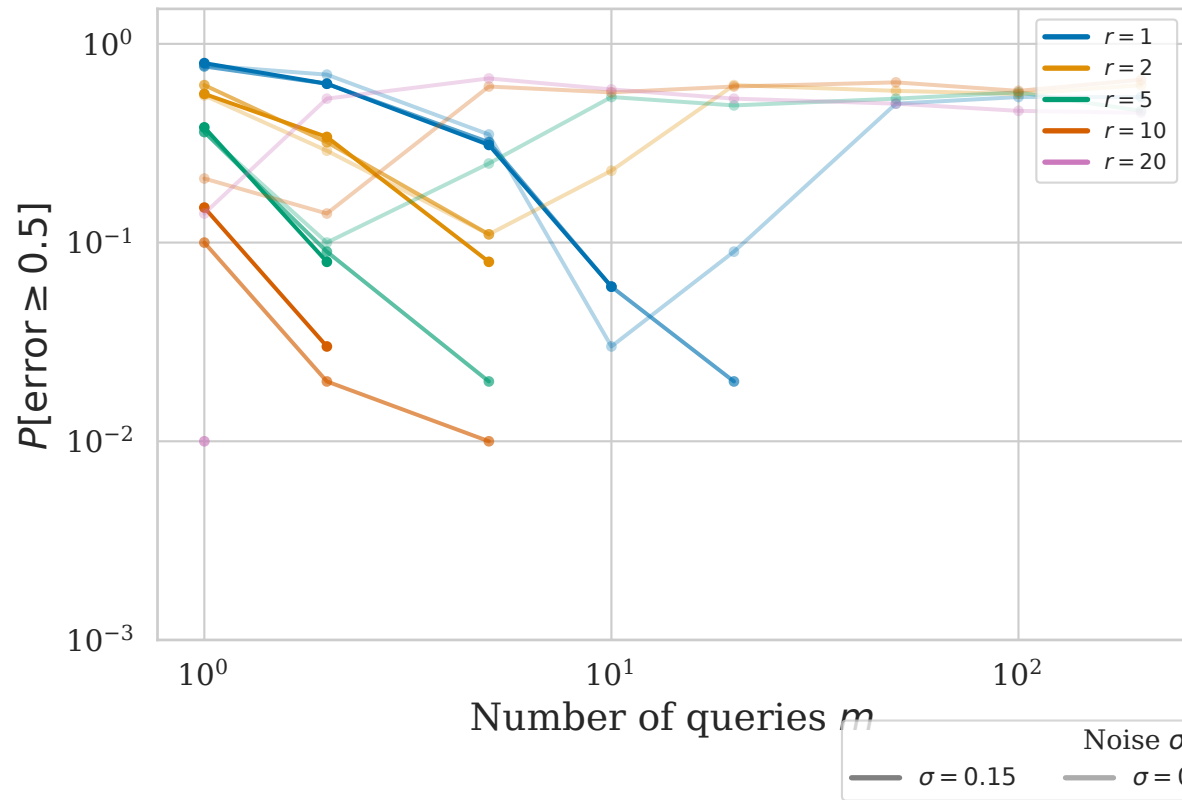(a) Varying rank r (b) Varying ρ

Legend (a): $r = 1$, $r = 2$, $r = 5$, $r = 10$, $r = 20$

Legend (b): $\rho = 0.1$, $\rho = 0.5$, $\rho = 0.9$

Axes: $P[\text{error} \geq 0.5]$ versus Number of queries m

Noise σ: $\sigma = 0.15$, $\sigma = 0.3$, $\sigma = 0.5$