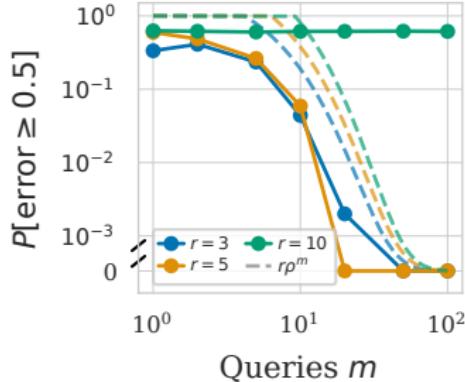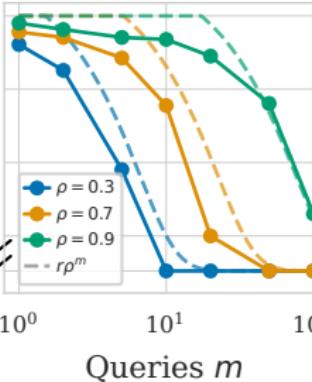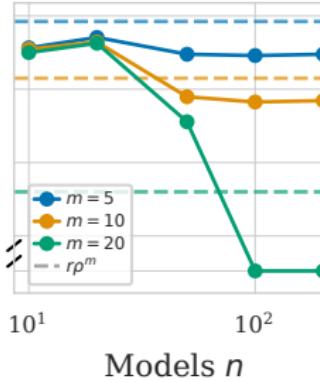(a) Varying rank $r$
$n=100$, $\rho \approx 0.7$, $M=100$
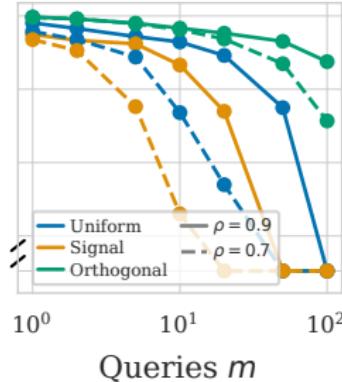
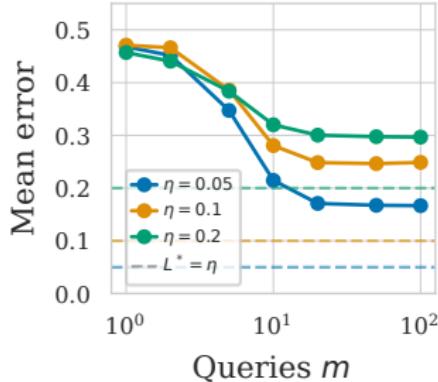(b) Varying $\rho$
$n=100$, $r=5$, $M=100$

(c) Varying $n$
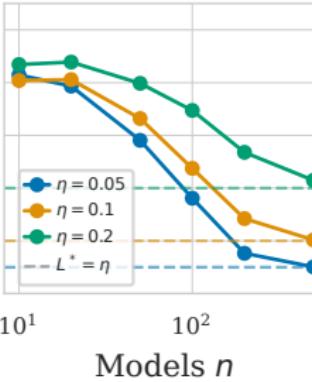$r=5$, $\rho=0.7$, $M=100$

(d) Query distribution
$n=100$, $r=5$, $M=100$

(e) Varying $\eta$
$n=100$, $r=5$, $M=100$

(f) Varying $n$
$m=50$, $r=5$, $M=100$

(g) Varying rank $r$
$n=100$, $\eta=0.1$, $M=100$

$P[\text{error} \geq 0.5]$

Mean error

Queries $m$

Models $n$

(a) legend: $r=3$, $r=5$, $r=10$, $r\rho^m$

(b) legend: $\rho=0.3$, $\rho=0.7$, $\rho=0.9$, $r\rho^m$

(c) legend: $m=5$, $m=10$, $m=20$, $r\rho^m$

(d) legend: Uniform, Signal, Orthogonal, $\rho=0.9$, $\rho=0.7$

(e) legend: $\eta=0.05$, $\eta=0.1$, $\eta=0.2$, $L^*=\eta$

(f) legend: $\eta=0.05$, $\eta=0.1$, $\eta=0.2$, $L^*=\eta$

(g) legend: $r=3$, $r=5$, $r=10$, $L^*=0.1$