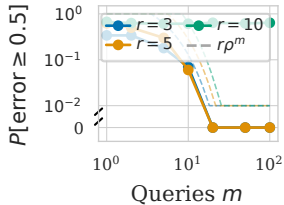
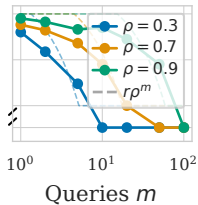
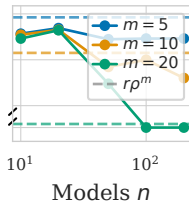


(a) Varying rank r $n=100, \rho \approx 0.7, M=100$ (b) Varying ρ $n=100, r=5, M=100$ (c) Varying n $r=5, \rho=0.7, M=100$ 

(d) Query distribution

 $n=100, r=5, M=100$ 