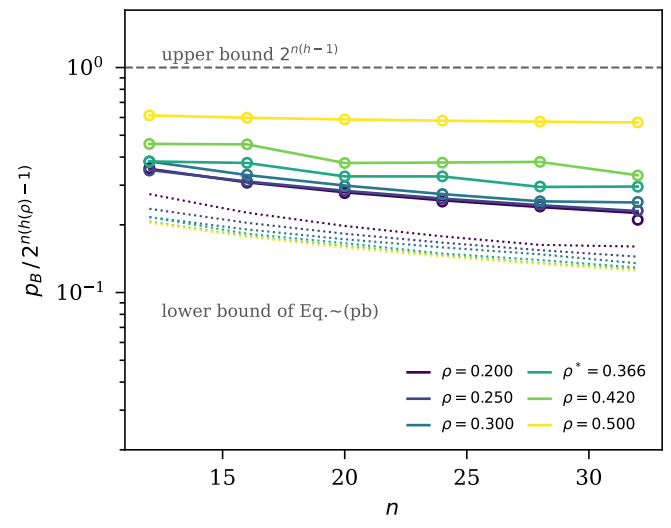
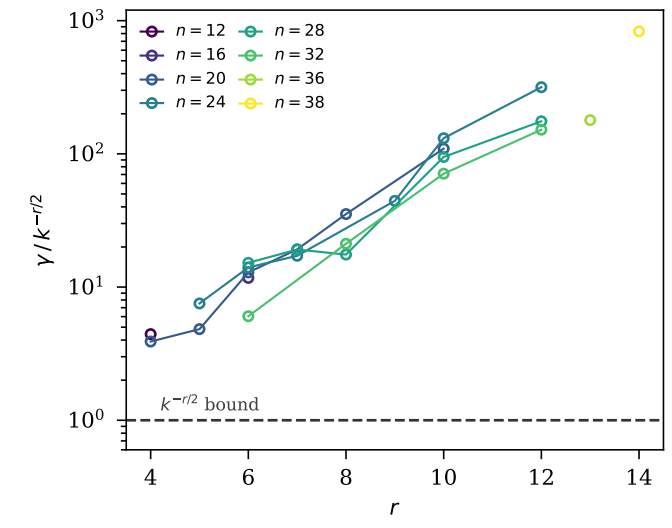

upper bound $2^{n(h-1)}$
lower bound of Eq.~(pb)
$p_B / 2^{n(h(\rho)-1)}$
10^0
10^{-1}
15
20
25
30
n
$\rho = 0.200$
$\rho = 0.250$
$\rho = 0.300$
$\rho^* = 0.366$
$\rho = 0.420$
$\rho = 0.500$


$n = 12$
$n = 16$
$n = 20$
$n = 24$
$n = 28$
$n = 32$
$n = 36$
$n = 38$
$\gamma / k^{-r/2}$
10^3
10^2
10^1
10^0
$k^{-r/2}$ bound
4
6
8
10
12
14
r