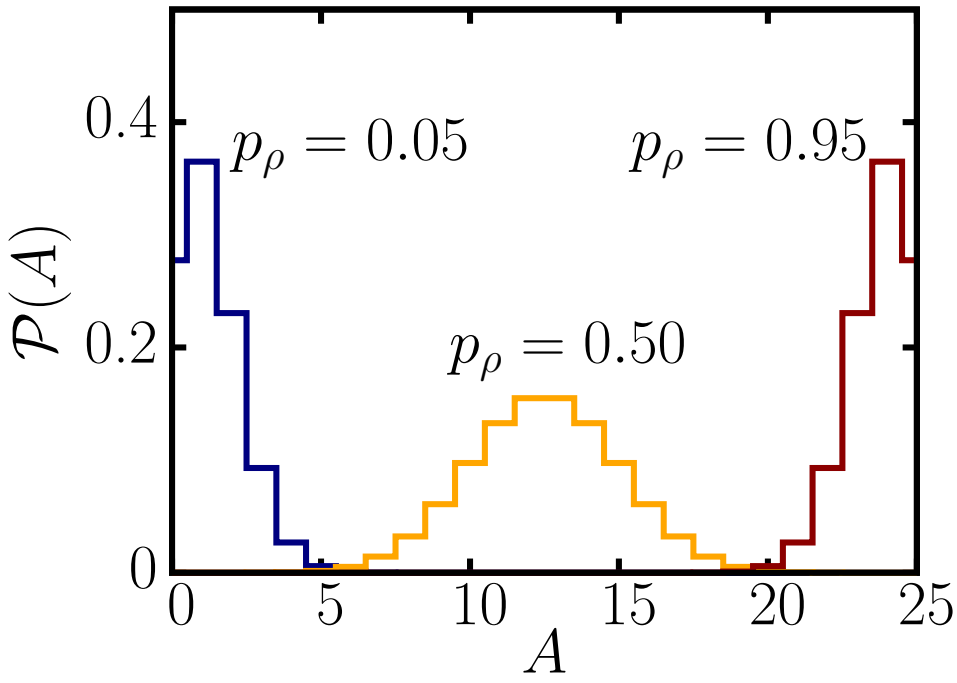
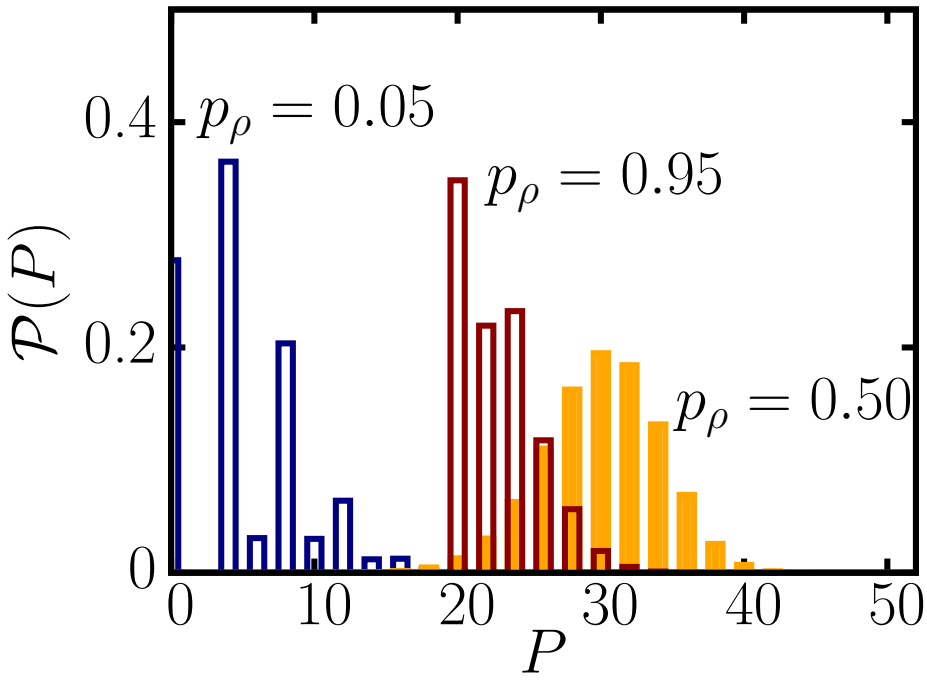
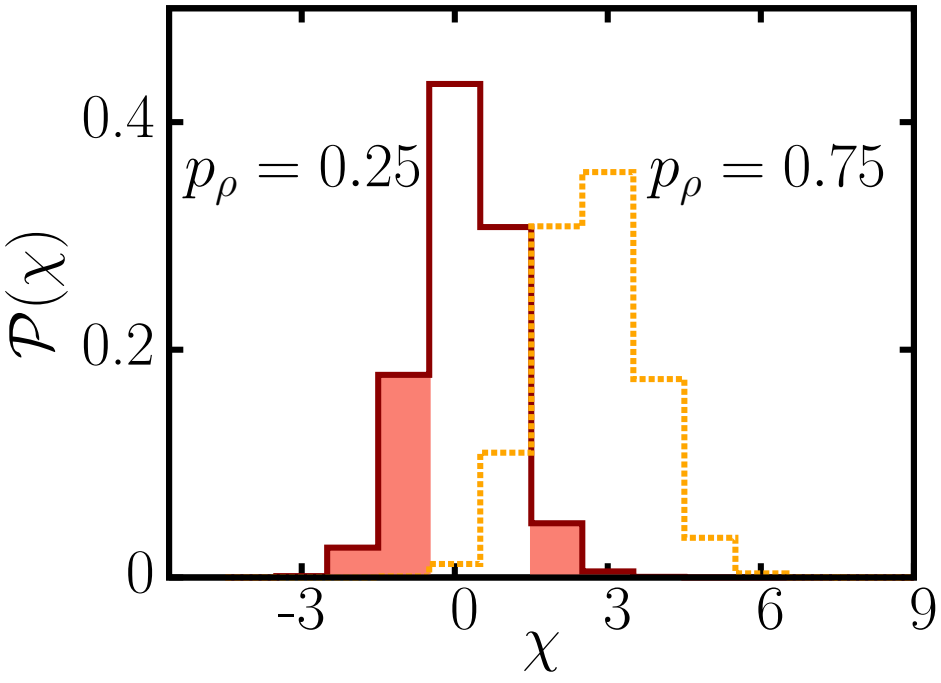

$p_\rho = 0.05$
$p_\rho = 0.95$
$p_\rho = 0.50$
$\mathcal{P}(A)$
A
0.4
0.2
0
0
5
10
15
20
25

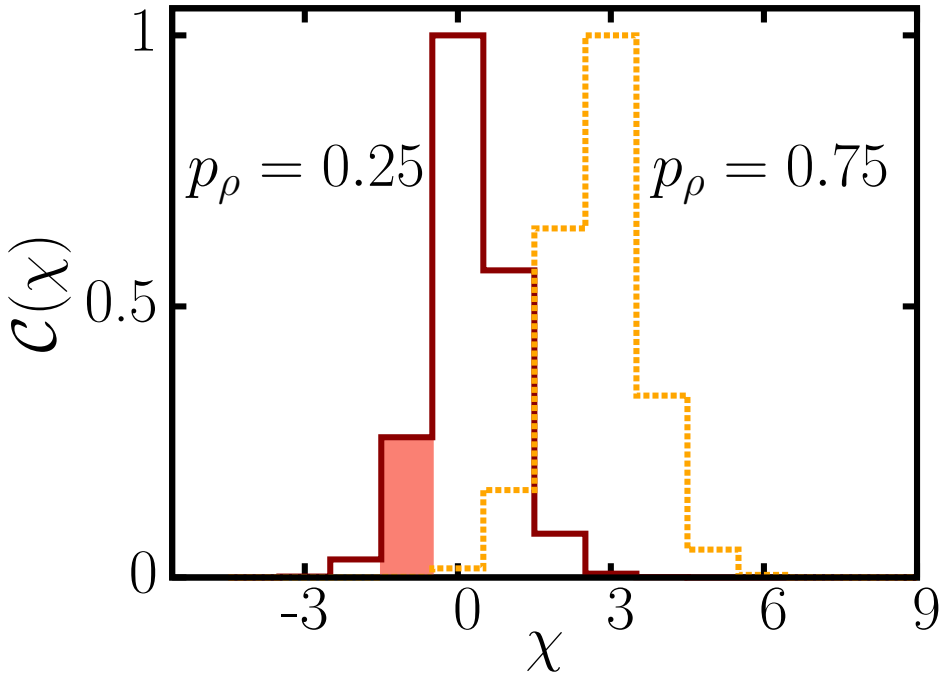
(a)


$p_\rho = 0.05$
$p_\rho = 0.95$
$p_\rho = 0.50$
$\mathcal{P}(P)$
P
0.4
0.2
0
0
10
20
30
40
50

(b)


$p_\rho = 0.25$
$p_\rho = 0.75$
$\mathcal{P}(\chi)$
χ
0.4
0.2
0
-3
0
3
6
9

(c)


$p_\rho = 0.25$
$p_\rho = 0.75$
$\mathcal{C}(\chi)$
χ
1
0.5
0
-3
0
3
6
9

(d)