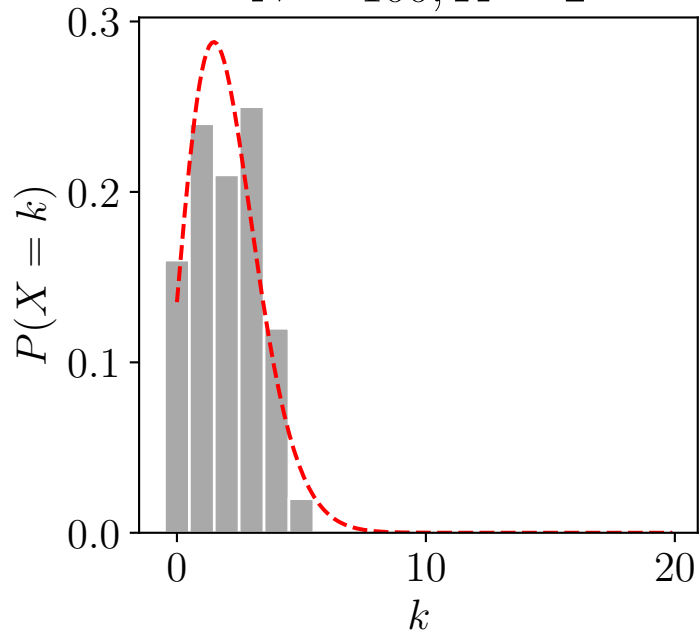
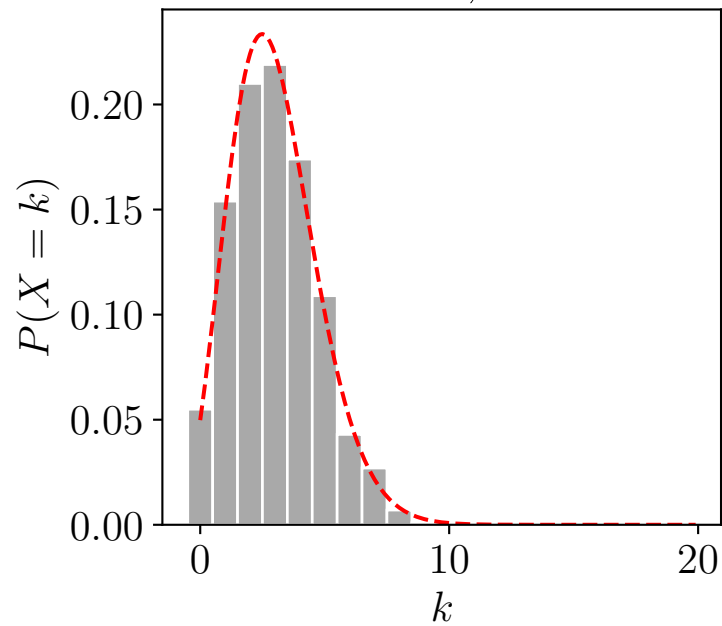


$N = 100, K = 2$  $N = 1000, K = 3$  $N = 10000, K = 4$ 