





c) n = K, n = N - K Supp (X) = Zn - (N-K), ... K3 d) nkk, nzNK Supp [x] = Zn-(NK)...n3 n < N - X $Z_{0...n} > Z_{0...x} > Supp (X) = Z_{0...x} > Z_{0.$ $\sum_{x \in Supp(x)} p(x)=1$ $\sum_{x \in Supp(x)} \frac{\binom{x}{x}\binom{x-x}{x-x}}{\binom{x}{x}} = 1$ Equivalent Parameterization

Note: K=PN

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Note: N p=0.5, n=6, N=100 $p(3)= {50 \choose 3} {50 \choose 3} = 323$ (100) $N = 1000 \quad p(3) = \frac{(500)(500)}{(500)} = .3134$ N=10000. b(3) = (3) (3) - 3079 ... line P(X) = ... closer to sampling w/ replacement