

The Hypergeometric Distribution: Hints

Mathias Winther Madsen

January 14, 2015

Poker hands $T = 52, S = 4, t = 5$.

Capture-Recapture Experiments

1. The highest possible number of “successes” is $S = 200$.
2. Draw the graph, make a guess, and verify your guess.

Sample Symmetrization Use the Chernoff bound on $s/100$.