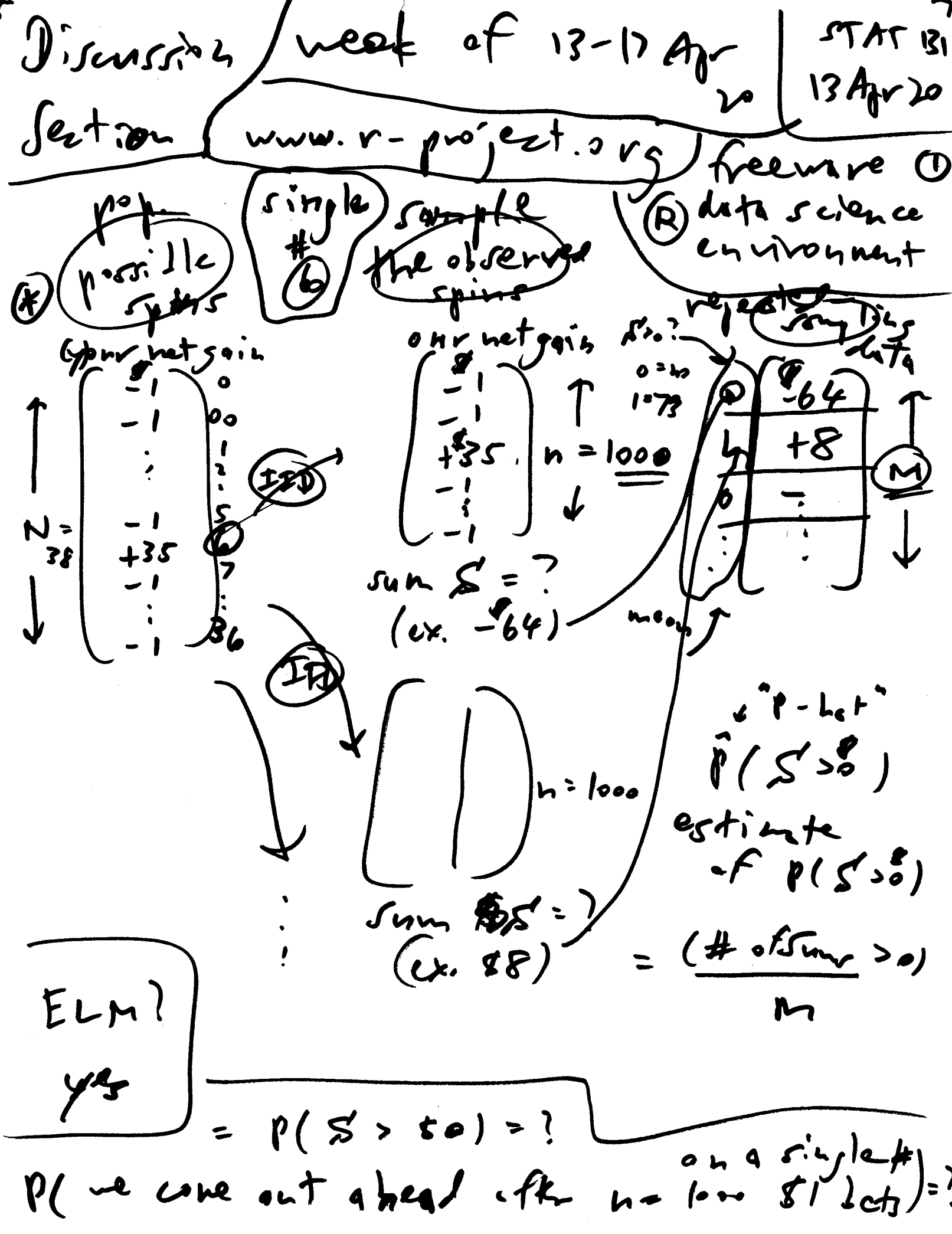
Discussion Section | week of 13-17 Apr 20 | STAT 131 13 Apr 20

www.r-project.org



our net gain after n = 1000 $1 bets ②

(real world)

on a single # is like the sum S (math world)

of n = 1000 IID draws from pop ⊛

Nick Metropolis & Stanislav Ulam (1942)

Monte Carlo method:

approximate probabilities via random simulation

Buffon (1730s)