Large Population (250,000)

proportion of "support"

P = 6.2 support 50,000 not 20000 Draw are: X1 = 20 support Pr (x=1)=0.2 Prous another (without replacement)

Pr (X2 = 1) = 49,999 05 50,000

249,999 20.2 Pr (X10=1) 20.2 What probability model can we use for the total number of "support" in a sample of Size 10? Y = X, + ... + X, 0 = \( \int \) X;

\( \approx \)

\( \approx \) R[4=y) = PY (1-P) - Y



