Statistics 300: Elementary Statistics Section 6-4

Sampling Distributions

- Given: X has mean = mand standard deviation = s
- For a specified sample size "n"
- How many samples are possible?
- What is the distribution for means of all of these samples?

Sampling Distributions

- Consider 400,000 acres of grazing land for cattle
- Select 80 acres at random
- How many samples are possible?
- Measure the biomass for each
- What is the distribution of the st.dev. of all of these samples?

















