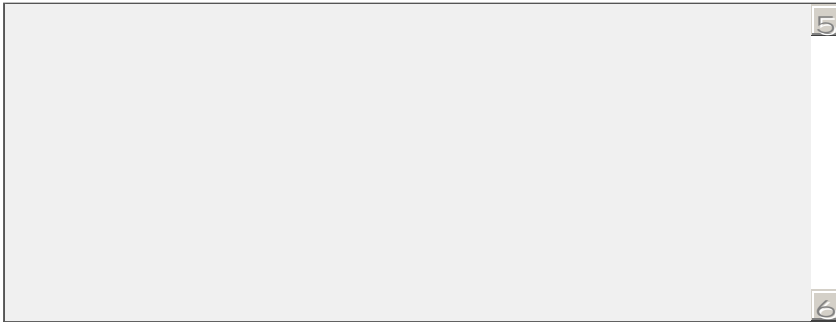


3. Sampling Distributions (APSI-2010-Coons)

1. Sampling Distributions

1. What makes understanding "Sampling Distributions" so hard?



2. What is a "Sampling Distribution"? A "Sampling Distribution" is a?

- Number.
- Mean.
- Proportion.
- Distribution of samples.
- Distribution of a specific sample statistic.

3. To determine a given sampling distribution which of the following are needed?

- A specified sample statistic, e.g. \bar{x} , \hat{p} .
- A given population
- A given sample size
- Reese's Pieces.

4. A "Sampling Distribution" for sample size n is the distribution of how many values for a given sample statistic from a given population?

- more than 30.
- 500 should do.
- 10,000 should do.
- One for every possible sample of size n .