



Single Sample Inferences



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Single Samples

- ✦ *A single sample* implies that you have collected data from one group of people or objects
- ✦ You have not collected data from a comparison, or control, group
- ✦ Rather, you will compare your data to pre-existing data, perhaps from the census or other archive

Single Sample Inferences

- ⊕ The basic questions that is asked is:
- ⊕ Is the sample mean different from a pre-existing population mean?
 - ⊕ E.g. Is the mean IQ of the students in this class different from the mean IQ of people in general?
 - ⊕ E.g. Is the mean number of cigarettes smoked per hour higher in a sample of people with schizophrenia than in the population in general?