

Lecture 7: Chapter 4, Section 3

Quantitative Variables

(Summaries, Begin Normal)

- Mean vs. Median
- Standard Deviation
- Normally Shaped Distributions

Looking Back: *Review*

- **4 Stages of Statistics**
 - Data Production (discussed in Lectures 1-4)
 - Displaying and Summarizing
 - Single variables: 1 categorical, 1 quantitative
 - Relationships between 2 variables
 - Probability
 - Statistical Inference

Ways to Measure Center and Spread

- Five Number Summary (*already discussed*)
- Mean and Standard Deviation