Lecture 16
Review

STAT 8010 Statistical Methods I
September 25, 2019

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16.1

Notes

Terminology

- Sample (statistics) vs. Population (parameters)

- Types of Variables

- Types of Studies

- Types of data sets

- Types of Sampling Methods

16.2

Notes

Summarizing Quantitative/Quantitative Variables

- Graphical Summaries:

  Bar Chart, Pie Chart, Histogram, Dotplot,
  Stem-and-Leaf Plot, Boxplot

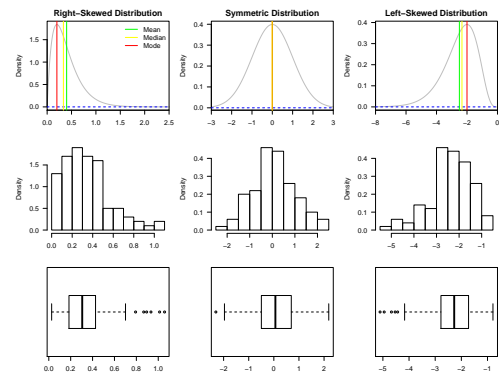- Numerical Summaries:

  Frequency, Mean, Median, Mode,
  Variance(Standard Deviation), Range, IQR

16.3

Notes

Shapes of Distributions

Right–Skewed Distribution

Symmetric Distribution

Left–Skewed Distribution

Mean
Median
Mode

Density

Notes

Notes

Notes