

Today: 1-D Continuous

Sam Ventura
36-315

Department of Statistics
Carnegie Mellon University

February 10, 2016

1-D Continuous Data

Structure:

Summary:

In R:

1-D Continuous Distributions

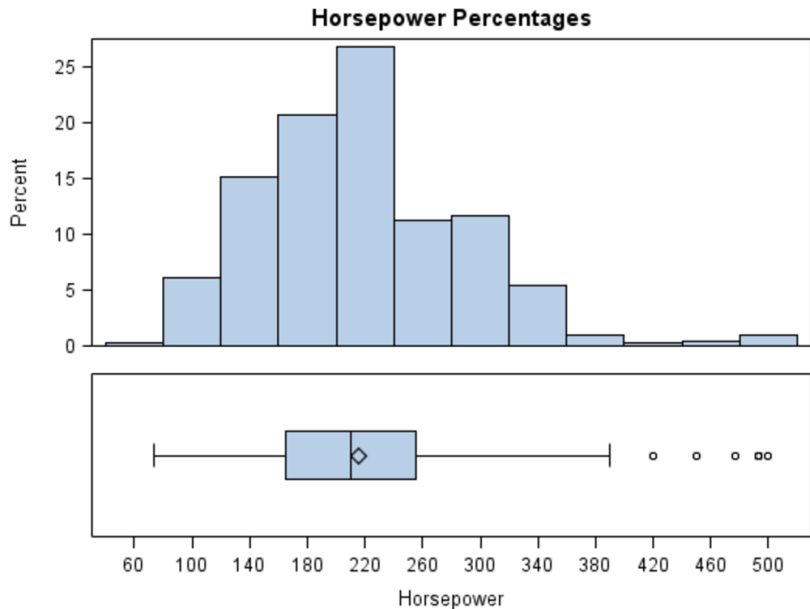
How do we describe continuous distributions?

Do the data appear to fit some common/known distribution:

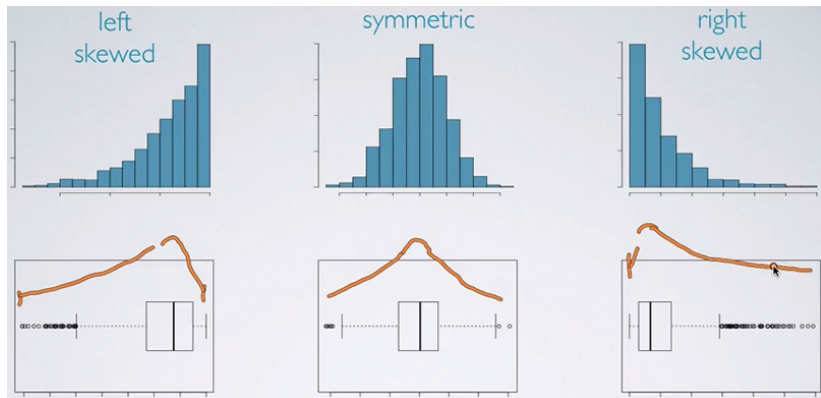
Visualizing 1-D Continuous Distributions

How do we visualize continuous distributions?

Box Plots vs. Histograms)



Determining Skew Visually



Offsides in Soccer (@DannyPage)

Pitch Effects

- Offsides

Games played on Turf:

- 3.6 +/- 2.2 Offsides

Games played on Grass:

- 4.5 +/- 2.5 Offsides

Data: MLS 2015 (Opta)

Author: Danny Page

