

Statistics
1st Semester Exam Review: Quantitative Data Review

Consider the set $\{17, 17, 18, 13, 28, 38, 31, 27, 35, 50, 43, 37, 24\}$ of the percentages of three-point shots made by Michael Jordan during his 13 years with the Bulls.

- a. Display the data as a histogram
- b. Display the data as a stem-and-leaf plot
- c. Display the data as a box plot
- d. Determine the 5-Number Summary
- e. Determine the mean and standard deviation
- f. Summarize the distribution

During the years 1929 – 1939 of the Great Depression, the weekly average hours worked in manufacturing jobs were 45, 43, 41, 39, 39, 35, 32, 40, 39, 36, and 37.

- a. Display the data as a histogram
- b. Display the data as a stem-and-leaf plot
- c. Display the data as a box plot
- d. Determine the 5-Number Summary
- e. Determine the mean and standard deviation
- f. Summarize the distribution