

1. Suppose we collectively have a class pet, a puppy, and every week we weight our pup to see if they have gained or lost weight. The data is as follows:

0.5, 0.5, 0.3, -0.2, 1.6, 0, 0.1, 0.1, 0.6, 0.4, -0.1, 0, 0.7, 1.5, 0.2

- a) Draw a histogram of the changes in puppy weight.

- b) Describe the shape of the distribution in terms of Modes, Symmetry, Skew, or Outliers.

- c) Calculate the 5 Number summary for this data

d) Calculate the Mean and Standard Deviation of the data.

e) Which group of summary statistics would you use and why?