

A **box plot**, also known as a box and whisker plot, divides data into four groups with the same number of elements in each group to display median, upper and lower extremes, quartiles, interquartile range (IQR), and range of data. The "box" represents the middle 50 percent of the data set. The "whisker(s)" represent the lower and upper 25 percent of the data set. The shape of the box plot is related to the spread (variability) of the data.

