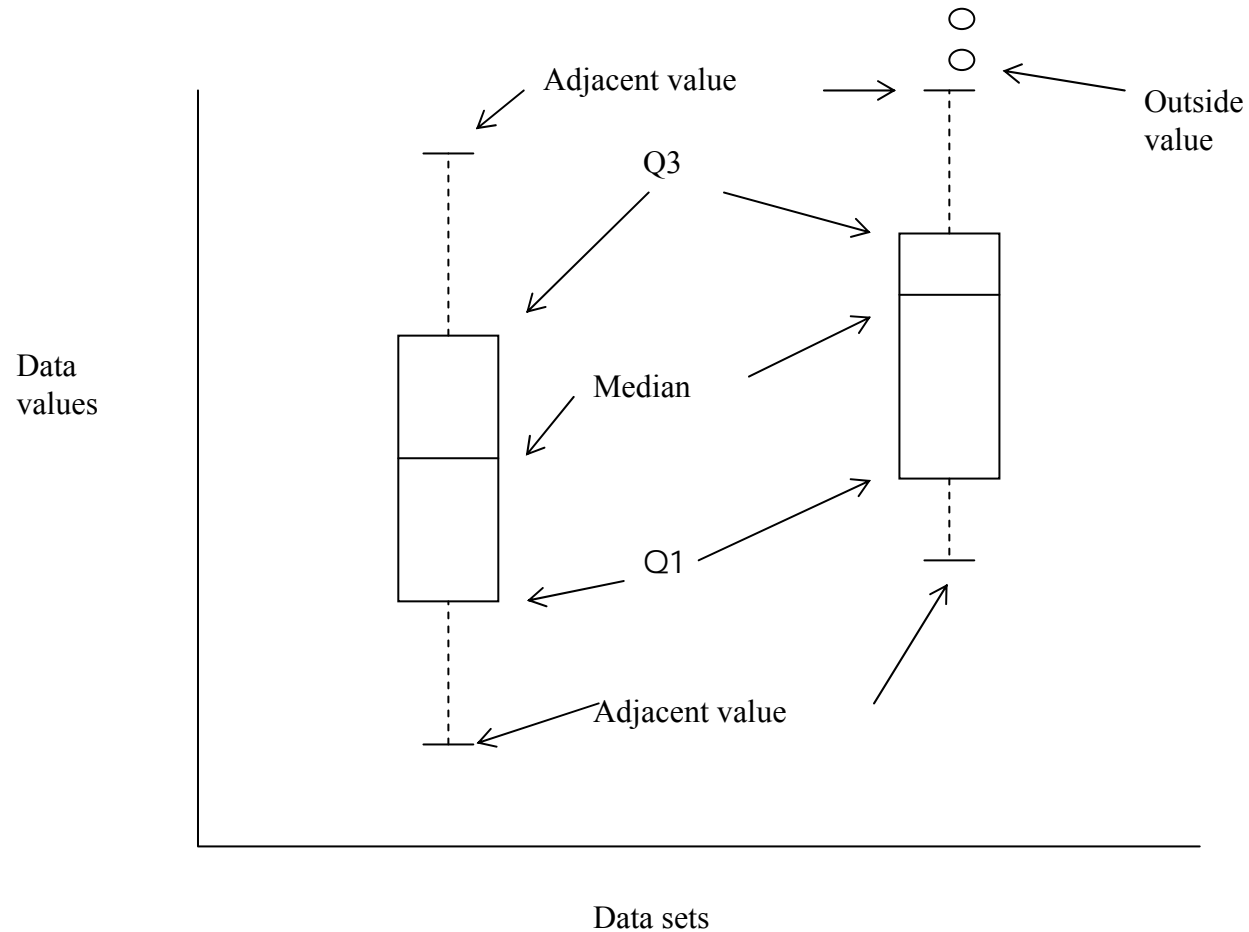


The Box Plot

- **It is a visually simple and effective way to summarize graphically the distribution of the data.**
- **It could be used to represent both large and small data sets. In contrast, histograms are used to represent large data sets.**

The Box Plot



The Box Plot

- Adjacent values = either max, min or 1.5 IQR
- Position of median indicates the symmetry of distribution
- Length of dashed line shows how stretched the tails of the histogram are
- Outside values are represented by circles or asterisks