Statistics continued:

9. What are quantitative and qualitative data? Quantitative data are measures of values or counts and are expressed as numbers. Quantitative data are data about numeric variables (e.g. how many; how much; or how often). Qualitative data are measures of 'types' and may be represented by a name, symbol, or a number code.

10.

The IQR describes the middle 50% of values when ordered from lowest to highest. To find the interquartile range (IQR), ​**first find the median (middle value) of the lower and upper half of the data**. These values are quartile 1 (Q1) and quartile 3 (Q3). The IQR is the difference between Q3 and Q1.

11.

A bell curve is a type of graph that is used to visualize the distribution of a set of chosen values across a specified group that tend to have a central, normal values, as peak with low and high extremes tapering off relatively symmetrically on either side.