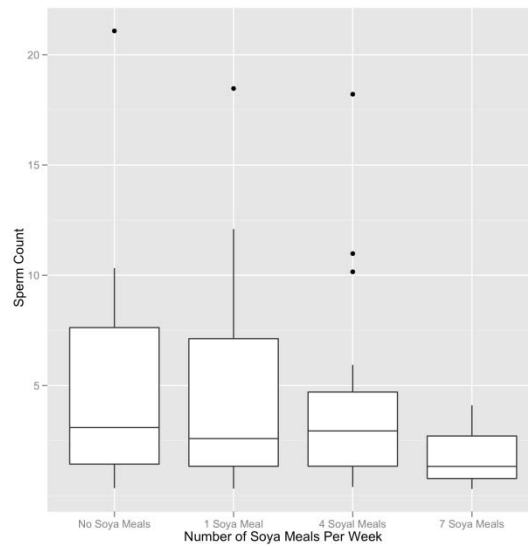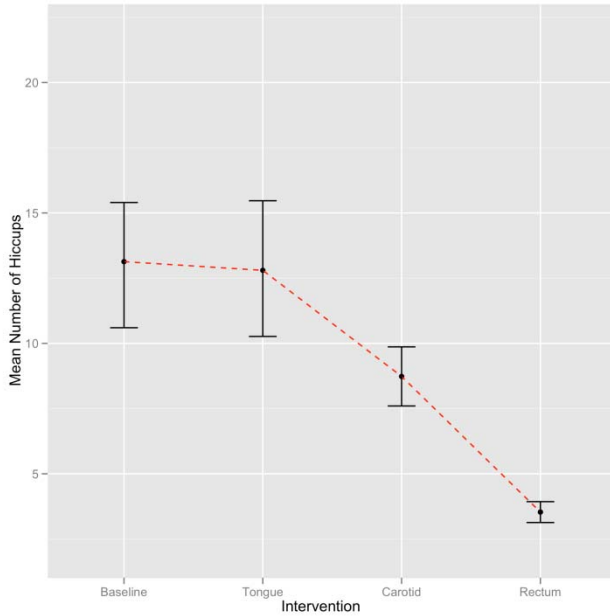# Chapter 4

1. What is the above graph known as?

    a. A scatterplot.

    b. A histogram.

    c. A boxplot.*

    d. An error bar chart.

2. Based on the above chart, what was the interquartile range of sperm count for 'No soya meals' (approximately).

    a. 7.5

    b. 5.5*

    c. 9.0

    d. 20.0

3. Looking at the graph above, which intervention is the best cure for hiccups?

    a. Tongue.

    b. Carotid.

    c. Rectum.*

    d. None of the interventions reduced the mean number of hiccups.

4. If we wanted to add a red straight regression line to the above scatterplot, which of the following commands should we add to the code?

    a. `+ geom_smooth(colour = "Red")`

    b. `+ geom_smooth(method = "lm")`

    c. `+ geom_smooth(method = "lm", colour = "Red")*`

    d. `+ geom_straight(method = "lm", colour = "Red")`