Lab 1D - Zooming Through Data

**Directions: Record your responses to the lab questions in the spaces provided.**

Use the dotPlot() function to create a dotPlot of the amount of sugar in our food data.

Split the dotPlot in two by faceting on our observations' salty/sweet variable.

Describe how R decides which observations go into the left or right plot.

What does each *dot* in the plot represent?

We can change the layout of our separated plots by including the layout option in our dotPlot function.

View food\_salty and write down the number of observations in it. Then use the subset data to make a dotPlot of the sodium in our Salty snacks.

What do the values TRUE and FALSE tell us about how our *rule* applies to the first six snacks in our data? Which of the first six observations were Salty?

Use an appropriate dotPlot to answer each of the following questions:

About how much fat does the typical sweet snack have?

How does the typical amount of fat compare when healthy\_level < 3 and when healthy\_level > 3?