

Name_____

Date_____

LAB 1D: Zooming Through Data *Response Sheet*

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

Data with Clarity

Another plotting function

More options

Splitting datasets

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

- What does each *dot* in the plot represent?

Altering the layout

Subsetting

The filter function

- View `food_salty` and write down the number of observations in it.

So what's really going on?

3 parts of defining rules

More on `==`

- 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`?

Saving values

Saving our subset

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Including more filters

Put it all together

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

- About how much sugar does the typical sweet snack have?
- How does the typical amount of sugar compare when `healthy_level < 3` and when `healthy_level > 3`?