

Name_____

Date_____

LAB 1G: What's the FREQ? *Response Sheet*

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

Clean it up!

How do we summarize categorical variables?

Frequency tables?

- Fill in the blanks below to answer the following: How many more *females* than *males* are there in our ATU data?

tally(~_____, data = _____)

2-way Frequency Tables

- Write down the resulting table.

Interpreting 2-way frequency tables

- Does one sex seem to have a higher occurrence of physical challenges than the other? If so, which one and explain your reasoning.

Conditional Relative Frequencies

LAB 1G: What's the FREQ?
Response Sheet

Conditional Relative Frequencies, continued

- Add the option format = "percent" to the first tally function. How were the percents calculated? Interpret what they mean.

On your own

- Describe what happens if you create a 2-way frequency table with a numerical variable and a categorical variable.
- How are the types of statistical investigative questions that 2-way frequency tables can answer different than 1-way frequency tables?
- Which sex has a higher rate of *part time employment*?