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

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

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

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

Interpreting 2-way frequency tables

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

- Did your answer change from before? Why?

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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 questions that 2-way frequency tables can answer different than 1-way frequency tables?

- Which gender has a higher rate of *part time employment*?

- Does one gender socialize more than the other? To answer this question, first:

  – Create a subset of the ATU data that includes only people who socialized more than 0 minutes.

  – Create a `histogram` and include `type = "percent"` as an option in the function.