

# Lab 1

BSTA 513/613

Your name here!!

```
# PLEASE DO NOT REMOVE THIS CODE CHUNK!!!  
### ADD YOUR LIBRARIES HERE!!! ###
```

```
library(tidyverse)  
library(gtsummary)  
library(here)
```

## Directions

You can download the [.qmd](#) file for this lab here.

The above link will take you to your **editing** file. **Please do not remove anything from this editing file!!** You will only add your code and work to this file.

## Grading

**This lab is graded out of 12 points.** Nicky will use the following rubric to assign grades.

## Rubric

	4 points	3 points	2 points	1 point	0 points
Formatting	Lab submitted on Sakai with .html file. Answers are written in complete sentences with no major grammatical nor spelling errors. With little editing, the answer can be incorporated into the project report.	Lab submitted on Sakai with .html file. Answers are written in complete sentences with grammatical or spelling errors. With editing, the answer can be incorporated into the project report.	Lab submitted on Sakai with .html file. Answers are written in complete sentences with major grammatical or spelling errors. With major editing, the answer can be incorporated into the project report.	Lab submitted on Sakai with .html file. Answers are bulleted or do not use complete sentences.	Lab <i>not</i> submitted on Sakai with .html file.
Code/Work	All tasks are directly followed or answered. This includes all the needed code, in code chunks, with the requested output.	All tasks are directly followed or answered. This includes all the needed code, in code chunks, with the requested output. In a few tasks, the code syntax or output is not quite right.	Most tasks are directly followed or answered. This includes all the needed code, in code chunks, with the requested output.	Some tasks are directly followed or answered. This includes all the needed code, in code chunks, with the requested output. In a few tasks, the code syntax or output is not quite right.	More than a quarter of the tasks are not completed properly.

	4 points	3 points	2 points	1 point	0 points
Reasoning*	Answers demonstrate understanding of research context and investigation of the data. Answers are thoughtful and can be easily integrated into the final report.	Answers demonstrate understanding of research context and investigation of the data. Answers are thoughtful, but lack the clarity needed to easily integrate into the final report.	Answers demonstrate some understanding of research context and investigation of the data. Answers are fairly thoughtful, but lack connection to the research.	Answers demonstrate some understanding of research context and investigation of the data. Answers seem rushed and with minimal thought.	Answers lack understanding of research context and investigation of the data. Answers seem rushed and without thought.

\*Applies to questions with reasoning (like Section 2.4 and explanations in Section 2.5)