

RStudio lab assignment: generating a table



[\[How to submit an assignment\]](#) (Otherwise 0 or -10)

1. Click “File” → “Make a copy.”
2. Rename the file name. Delete the “Copy of” part. It must be “your last name and the name of the assignment.” For example, “Smith Calendar assignment.” **(otherwise -5)**
3. Put this file under your main Google Drive folder → Relevant week subfolder **(otherwise no credit)**.
4. Before the submission, make sure the file is under the relevant week subfolder. [Otherwise, move it.](#)
5. To submit this assignment, click “Start Assignment” on Canvas → Choose Google Drive (LTI 1.3) (Make sure you log in with your CSUMB credentials) → “Select file” → “MY DRIVE” → Your class folder → Relevant week → Assignment file → “Add” → “Attach” → “Submit Assignment”

[\[Highlighting and commenting\]](#) (DO NOT FORGET THIS, otherwise -10)

The video below shows how to complete this assignment from start to finish. Watch the video and read the instructions together. You need to attend the lecture or watch the lecture video to understand this assignment.

[\[ASSIGNMENT VIDEO\]](#)

General instructions

In this assignment, you will be pasting a screenshot of a table generated in RStudio into this document. [\[How to take a screenshot\]](#). Then you will add a comment on your R script file with a hashtag (#)

Assignment instructions

- 1) Open the related lecture's r script file in [RStudio Cloud](#). [See this guideline](#). If it is already open, skip this step.

Go to Canvas → Resources module page → “Lab resources” → “All R script files” → Click on the R script file you need.

“[All script files](#)” is here for your convenience.
- 2) In the R script file, highlight all the codes under “Install and load packages” and “Load data” in order. If you already completed this step, skip.
- 3) You will see a single line of code under “# WORKING SPACE” and “# Assignment.” Triple-click (Clicking three times *really* fast) on that code and click “Run.”
- 4) Paste the code you run (next to the “Code -5” box under “Answers”) and the generated table below (next to the “Table” box under “Answers”). Paste a screenshot of the table, **not all screen (-10)**.
- 5) Now go to Canvas → “Resources module” (the first module) → Lab resources → Interpretation templates → Frequency tables. Under this section you will find the interpretation of the table you generated in the previous step. Paste that interpretation (next to the “Interpretation” box under “Answers”)
- 6) Right below the code after the “# WORKING SPACE” and “# Assignment”
 - a) add a blank line (hit “enter” for Windows, “return” macOS),
 - b) put a hashtag (#),
 - c) add space, and
 - d) type “The code above generates a frequency table. I did a good job.”
- 7) [Paste the screenshot](#) of this comment as seen on RStudio Cloud.

Answers (100 points)

1. Code (-5):	
2. Table (40 points):	
3. Interpretation (40 points):	
4. Screenshot of hashtag comment (20 points):	