Firstname Lastname

UID

STATS 13 Lecture and Section

Lab 2

**Instructions**

*This template is meant to be a guide to you to make sure that you have all the necessary components in the appropriate format for your lab submission. Please contact Jireh Huang at* [*jirehhuang@g.ucla.edu*](mailto:jirehhuang@g.ucla.edu) *if there are any errors.*

1. In the top left of [this Google Doc](https://docs.google.com/document/d/1Ek1p7DwhPUiZ6QZX73y271oZnVr-_v11NjhoXoPUTCY/edit?usp=sharing), click on *File* and choose *Make a Copy…*
2. Save this template to your Google Drive (you all have one with your UCLA email).
3. Delete the instructions from your submission.
4. Navigate to *Download as* and select *PDF Document (.pdf)* to be submitted on CCLE.
5. Alternatively, you can download this document in a different format to modify on your choice of word processor.

*Please make sure to include clear explanations in your answers when requested by the question. When copying code output, please copy over all decimal places (do not round).*

**Question 1**

Answer.

Note: Type the variable names exactly as in NCbirths.

**Question 2**

Answer.

Note: Type the variable names exactly as in NCbirths. Don’t forget to explain.

**Question 3**

Code.

Note: Include code and code output in Courier New font and separate answer components (e.g. code, output, written answers) with a blank line. For example:

sub <- subset(NCbirths, select = c("Gender", "Premie", "weight", "Apgar1"))

**Question 4**

Code and output.

Example:

head(sub)

Gender Premie weight Apgar1

1 Male No 124 8

2 Female No 177 8

3 Male No 107 3

4 Female No 144 6

5 Male No 117 9

6 Female No 98 4

**Question 5**

Code and output.

Note: You do not need a separate line of code for each part.

**Question 6**

Code and output.

**Question 7**

Code and plots. Make sure to use Births.

**Question 8**

Code and output. Make sure to set the seed correctly.

**Question 9**

Code and output.

**Question 10**

Code and output.

**Question 11**

Code and output.

**Question 12**

Answer.

**Question 13**

Code. No output.

**Question 14**

Code and plot.

**Question 15**

Code and output.

**Question 16**

Code and output.

**Question 17**

Answer.

**Question 18**

Answer.