Firstname Lastname

UID

STATS 13 Lecture and Section

Lab 5

**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 answer every part of each question, and to include clear explanations in your answers when requested. When copying numerical output, please copy over all decimal places (****do not round****).*

**Question 1**

Code, plot, and answer.

**Question 2**

Answer.

**Question 3**

Answer.

**Question 4**

Code, plot, and answer. Make sure to comment on both the histogram and the validity conditions.

**Question 5**

Code and output.

**Question 6**

Answer.

**Question 7**

Code, output, and answer.

**Question 8**

Answer.

**Question 9**

Code, plot, and answer.

**Question 10**

Code and output.

**Question 11**

Code, output, and answer.

**Question 12**

Code, output, and answer.