

# 432 Lab 01 Rubric

432 TAs

Due 2020-02-08. Version: 2021-02-07

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## General

- Subtract a point or two in the grade for each question, for each typographical or grammatical error you catch, or for not writing responses in complete sentences, up to a maximum of 25% of the available points for that question.
- If they submit the Rmd but not the HTML or vice versa, please note that in the General section, and remind the student via their preferred email to get the completed work in.
- Penalties are cumulative, so late incomplete work could cost as much as 40 points (25 for late initial submission, and 15 more)
- Labs received on time can receive up to 100% of the available points for the lab. We do not penalize lab work received within one hour of the deadline (so, by Monday at 10 PM Eastern.)
- Labs received more than one hour after the deadline but before noon on the following day (Tuesday) will receive a late penalty of 10% of available points on the lab.
- Lab submissions received after the answer sketch is published at noon Tuesday but within one week of the deadline will receive a late penalty of 25% of available points.
- Lab submissions received more than one week after the deadline will not be graded.

## 1 Question 1 Grading (40 points)

- Award up to 30 points for successfully creating a table one stratified appropriately
- Award up to 10 additional points for giving a conclusion comparing both groups (including all the variables)
- A completely successful effort will thus receive the full 40 points, and I expect that to be the modal grade.
- A reasonable but not completely successful attempt should usually receive 30-35 points, total.

## 2 Question 2 Grading (20 points)

- Award up to 8 points for developing an correct plot or plots (labeled correctly) showing the sbp, betab and insurance.
- Award up to 7 additional points for developing two models (one with interaction and one without interaction)
- Award up to 5 additional points for an appropriate conclusion comparing variation and significance in both models (the interaction is neither significant, nor does it account for a large fraction of the variation in the SBP values.)
- It's OK if they follow the plot and focus on the interaction model, or if they follow the other issues and focus on the "without interaction" model. But they should pick one or the other.
- A completely successful effort will thus receive the full 20 points, and I expect that to be the modal grade.
- A reasonable but unsuccessful attempt should usually receive 13-16 points, total.

## 3 Question 3 Grading (20 points)

No more than 15 out of 20 points should be given unless: - the essay is clear, - it answers the questions posed, - it meets the word limit, and - it has generally good grammar and spelling.

Students should receive 18-20 points if they meet all of the standards above, and are one of the 4-6 best essays in the group.

Students should receive 14-17 points if they meet all of the standards above, but were not in that top group.

Students should receive 12-13 points if they meet three of the standards above but miss on one of them.

Students should receive fewer than 11 points if they fail to meet at least two of the standards above.

## 4 Question 4 Grading (10 points)

Full credit given if student responded to the music prompt on Piazza.

## 5 Question 5 Grading (10 points)

Full credit given if student told us their Github user name.