

Final Capstone Project Feedback – 35 Points

Student: Karsten Braun Score: 32.5 /35 = 92.9%

Part 1: Clean up your Repo – 5 pts Score: 5

Using Git/GitHub effectively and organizing a project well

Feedback: Looks good - repo/project well organized, on GitHub effectively.

Part 2: Finalize statistical analyses- 20 pts Score: 19

Remove unneeded code; Follow correct workflow; Reflects feedback; overall challenge

Feedback: Analysis 1: MAP vs BMI. Overall looks good - I would like to know a little more about the biological justification. But you followed the workflow well.

Analysis 2: Line 135 - if you order your categorical variable, it will print in plots in the order of BMI category which would improve readability. Nice job adding letters to final plot.

Analysis 3: Diabetes diagnosis vs. BMI - good job figuring out the logistic regression

Analysis 1 and 2 were basically the same as we have done in class, so I'm glad you had something new and more challenging.

Part 3: Final report – 10 pts Score: 8.5

Intro, Analysis with biological insight , Challenges; Well-written; Strong use of markdown

Feedback: Good summary of steps you took to prep the data. The writing is clear with good use of markdown. My main complaint is that you don't delve too much into the biology. I wasn't looking for a lot, but you basically have a 1-sentence justification for each hypothesis.