

Final Capstone Project Feedback – 35 Points

Student: Addie Moore Score: 30.25 /35 = 86.4%

Part 1: Clean up your Repo – 5 pts

Score: 4.75

Using Git/GitHub effectively and organizing a project well

Feedback: Seems good. There is a "lost" file called Moore-Capstone-Project in the Code folder.

Part 2: Finalize statistical analyses- 20 pts

Score: 17.5

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

Feedback: Q1 - rainfall and telomere length. Nice clean analysis - you walked me well through the steps. Since rainfall was the predictor and not the response, it doesn't matter too much that it is right-skewed, as evidenced by your autoplot().

Q2 - Best predictor of telomere length. Doesn't make sense to remove categorical variables. I'm not sure if on line 127 you are talking about correlation rather than independence. Line 179 - you are looking at correlations, not independence. Line 188 - integer variables are also numeric and should be part of the correlation test. Line 304 - you are not interpreting the figures correctly - best models have 2 predictors. Good job with model comparisons. You stepped through this very nicely though!

Part 3: Final report – 10 pts

Score: 8

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

Feedback: Markdown is basic but visually appealing. End of introduction has good transition to next section. Good job figuring out how to subscript with markdown!

challenges don't quite make sense in terms of predictor variable and zero inflation.

I'd like to know just a bit more biology about the mechanism by which stress changes telomere length.

This is a real improvement on the work you've been submitting this semester. Well done. However, it was also late, without an extension, so I'm taking a point off of this section for that.