Biostatistics
Fall 2024

Final Capstone Project Feedback – 35 Points

Student: Maggie Layman   Score: 33.75 /35 = 96.4 %

Part 1: Clean up your Repo – 5 pts   Score: 4.75

Using Git/GitHub effectively and organizing a project well

Feedback: Pretty good. Three files were untracked, so they did not get moved to draft folder (the 3 analysis files) but otherwise good.

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

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

Feedback: Analysis 1: DO vs time (you wrote them backwards). HOLY CRAP YOUR FIGURE IS AMAZING!!!!! The only problem is that it is actually very hard to see the moving average. Very good. Analysis 2: Temp, chlor - good. I might argue that your data are right-skewed and that a glm would be a better fit, but I appreciate that you went through all of the steps in good order and made a nice final plot with a correct interpretation of the data. Nice.

Part 3: Final report – 10 pts   Score: 10

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

Feedback: Markdown looks good - nice use of links for references! Q1 - very nice biological justification for predictions! Good use of bold with markdown.

I especially appreciate how much biology you put back into the project!