Biostatistics
Fall 2024

Final Capstone Project Feedback – 35 Points

Student: Esteban Ramirez   Score: 28.5   /35 = 81.4 %

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

Using Git/GitHub effectively and organizing a project well

Feedback: GitHub is working well; project neatly organized and easy to explore.

Part 2: Finalize statistical analyses- 20 pts   Score: 15

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

Feedback: Q1: covid death rates in different "eras" of the pandemic will depend on the avg cardivascular death rate in a country. I wish you would have talked to me about this, because I think you should, instead of creating three models, create one model that includes era of pandemic as one of the predictors. Also, chapter 8 of the book showed you how to make a single final plot with 3 panels rather than 3 separate plots. Q2: higher human development is associated with lower covid cases. Your plot makes it look like there is a threshold effect - at HDI below 0.6, there was no much (recorded) covid...Also, you got a lot of warning messages after this analysis that you don't seem to address. What are they telling you? Q3: covid death rate is positiviley associated with country median age. This one is pretty straightforward and you walked me through it well enough.

I know you were ill a lot this semester, which is too bad. I think you could have done more with this had you more time to give it. Especially for Q1

Part 3: Final report – 10 pts   Score: 8.5

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

Feedback: Markdown is fine, writing is fine, biological insight could be more deeply explored with stronger references.