Capstone Data Analysis Project – Preliminary Data Analysis
Biostatistics

Name: Matt Serrano

Score = 22 /25

Submitted on time?　　○ Y　　　⊙ N

GENERAL REQUIREMENTS (10 POINTS):

Element	Points	Score	Feedback
Effective git/GitHub	1	1	
Well-organized	1	1	
Strong commentary outside of code chunks	3	3	
Effective use of comments within code chunks	2	2	
Code provides correct values and reduces "human intervention"	2	2	
Link on Canvas	1	1	

STATISTICAL ANALYSES (15 POINTS):

[✔] Took initiative to learn new methods as appropriate

[ ] Generally followed the our workflow:

　　Plot -> Guess -> Create model -> Check assumptions -> Interpret -> Final plot

Statistical analysis 1:

Question: No (visual) relationship b/w urchin and kelp biomass over time

Workflow checklist

[ ] 1. Plot data　　　　　　　　　　　　　[ ] 2. Guess relationships

[✔] 3. Create model: time series moving average

　　　[ ] Correct model?

[ ] 4. Check model assumptions, if needed　　[ ] 6. Replot

[ ] 5. Interpret model　　　　　　　　　　[ ] 7. Clear results statement

　　　[ ] Interpretation is correct　　　　　　　　[ ] In prose

　　　　　　　　　　　　　　　　　　　　　　　　[ ] Outside of code chunk

Statistical analysis 2:

Question: _____

Workflow checklist

☐ 1. Plot data   ☐ 2. Guess relationships

☐ 3. Create model: _____

    ☐ Correct model?

☐ 4. Check model assumptions, if needed   ☐ 6. Replot

☐ 5. Interpret model   ☐ 7. Clear results statement

    ☐ Interpretation is correct   ☐ In prose

        ☐ Outside of code chunk

Statistical analysis 3:

Question: _____

Workflow checklist

☐ 1. Plot data   ☐ 2. Guess relationships

☐ 3. Create model: _____

    ☐ Correct model?

☐ 4. Check model assumptions, if needed   ☐ 6. Replot

☐ 5. Interpret model   ☐ 7. Clear results statement

    ☐ Interpretation is correct   ☐ In prose

        ☐ Outside of code chunk

Additional feedback