Capstone Data Analysis Biostatistics	Project – P	reliminary	Data Analysis	
Name: Aidan Fauth			Score = <u>24</u> /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		
Generally follow	o learn nev	v methods r workflov	s as appropriate v: del -> Check assumptions -> Interpret -> Final plot	
Statistical analysis 1:				
Question: What vari	ables be	st predi	ct salamander abundance	
Workflow checklist				
1. Plot data			2. Guess relationships	
3. Create model: poisson glm				
	model?			
4. Check model a	ssumption	ed 6. Replot		
5. Interpret model 7. Clear results statement				
Interpretation is correct Outside of code chunk				

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Statistical analysis 2:	a alama anda y a a a y an a y 2			
Question: What vars are best predictors of salamander occupancy?				
Workflow checklist				
1. Plot data	2. Guess relationships			
3. Create model: logistic regression, stepwise and best subsets				
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: What does salamander community structure look like in the transitional and mature forest?				
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			
	<u> </u>			
Interpretation is correct	In prose			
	Outside of code chunk			
Additional feedback				
This is off to a great start and I appreciate how thorough you were with your multiple regressions. Take a look at some of my code for multiple and for logistic regression in				
the Cap-DAP-Examples project as you read through my comments.				
Let me know if you need any help with the ordination.				
I dinged you 1 point for not having some plots for visualizing likely relationships, but overall this is a great job!				
see preliminary-data-analysis-feedback.qmd for more details.				