Biostatistics: Problem Set 3 – Introductory Statistics

Name:	Sara St. Clair	Score = 22.75	/25
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 ${\it GitHub\,repo:} \quad \underline{https://github.com/saraostclair/StClair-PS3.git}$ 

Submitted on time? Y

		Pts	
Project element	Value	earned	Comments
Successfully fork a GitHub repository and create a new RStudio project from fork  • Project called "Lastname-PS3"		1	thanks for naming project correctly
Set up project and workspace, pull in and examine data, fix mistakes  Lastname-PS3.qmd  Use at least 2 functions  Assign data types  Error checking	2	1	Good but I'd like more commentary - why did you make the chr vars fct? Also, you should have made histograms of numeric data to look for outliers.
Analyze Q1: Does body mass differ b/w these 5 species of bats, and if so, how does body mass differ b/w species?  Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation	4	4	VERY NICE! Well explained, easy to follow, and detailed. Good work!
Analyze Q2: Does body length differ b/w species and, if so, how?  Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation	4	4	Again, very nice!
Analyze Q3: Is the number of ticks found on the bats associated with their sex or age?  Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation	4	3.75	Putting final results in figure caption is good but not all of caption is printing, so I can't see full interpretation (I can read it in the caption text code, but it should also print if that's what you're going for).

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Analyze Q4: Disregarding species, is there a relationship in bats b/w tail length and body length?  • Nature of P and R vars  • Analysis method explained  • More polished figure  • Clear, written interpretation	4	3.75	Just the issue about figure caption as per Q3 above.
Thought processes are well documented outside of code blocks, code is well commented, all steps prior to data analysis		3.75	Very nice and easy to follow. It would have been good to write a "results statement" outside of the figure captions for all analyses.
Successfully open a pull request to add your changes to the forked repository  Commit changes  Open PR  Link pasted in Canvas	1	0.5	You did not open a PR on project.
Code represents material we have covered in GSWR Chs 3-5 and not elsewhere	1	1	good

## Additional feedback