

Name: **Aidan Fauth**Score = **24.5** /25GitHub repo: <https://github.com/adfauth/Fauth-PS3.git>

Submitted on time?



Y



N

Project element	Value	Pts earned	Comments
Successfully fork a GitHub repository and create a new RStudio project from fork <ul style="list-style-type: none"> Project called "Lastname-PS3" 	1	1	
Set up project and workspace, pull in and examine data, fix mistakes <ul style="list-style-type: none"> Lastname-PS3.qmd Use at least 2 functions Assign data types Error checking 	2	2	good checking both factor and numeric variables
Analyze Q1: Does body mass differ b/w these 5 species of bats, and if so, how does body mass differ b/w species? <ul style="list-style-type: none"> Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation 	4	4	Good outlier interpretation. Good to add means as black diamonds in final plot. Good analysis.
Analyze Q2: Does body length differ b/w species and, if so, how ? <ul style="list-style-type: none"> Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation 	4	3.5	Good job. I think a plot like fig 5.11 is better than a box plot for both Q1 and Q2 because they focus on mean, rather than quartiles which is the subject of the analysis. Hence, 3.5, but that is 0.25 off for Q1 and Q2 for final plots.
Analyze Q3: Is the number of ticks found on the bats associated with their sex or age? <ul style="list-style-type: none"> Nature of P and R vars Analysis method explained More polished figure Clear, written interpretation 	4	4	Good. Good on assumptions, as well.

<p>Analyze Q4: Disregarding species, is there a relationship in bats b/w tail length and body length?</p> <ul style="list-style-type: none"> • Nature of P and R vars • Analysis method explained • More polished figure • Clear, written interpretation 	4	4	Very nice.
<p>Thought processes are well documented outside of code blocks, code is well commented, all steps prior to data analysis</p>	4	4	Great
<p>Successfully open a pull request to add your changes to the forked repository</p> <ul style="list-style-type: none"> • Commit changes • Open PR • Link pasted in Canvas 	1	1	
<p>Code represents material we have covered in GSWR Chs 3-5 and not elsewhere</p>	1	1	
<p>Additional feedback</p> <p>Nice job!</p>			