

Name: August KotulaScore = 20.75 /25GitHub repo: <https://github.com/akotu21/PS3-Applying-Stats.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	0.5	Did not name project correctly
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	1	No error checking for levels of factors or for outliers w/numeric data
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	3.5	Line 74 - you need to show me, in writing, that you know how to interpret autoplot() - tell me HOW you know it looks good. Need 2 df for ANOVA output. Fix axis labels on final plot.
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	Similar feedback to Q1 - how do you know autoplot looks good? Fix axis label, df reported in synopsis of outcome.
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	2.5	Looking for association b/w 2 categorical vars with discrete count data = chi square test. You used incorrect test.

<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	3.75	<p>Again, explain autoplot. You did a tad better with it here.</p> <p>How much of variation in tail length is explained by body length?</p> <p>Better final plot</p>
<p>Thought processes are well documented outside of code blocks, code is well commented, all steps prior to data analysis</p>	4	4	<p>Good, except for details on autoplot which I already knocked points for.</p>
<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	good
<p>Code represents material we have covered in GSWR Chs 3-5 and not elsewhere</p>	1	1	good
<p>Additional feedback</p>			