**GROUP MEMBERS**:

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| Name | Email |
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**ASSIGNMENT #5 ( /10)**

Upload your research project data to the BIOL 116 Shiny App and create an appropriate figure to visualize your data.

1. In the space below, paste the figure your group created. Make sure you follow proper data presentation guidelines! (5 marks)

3 marks for correct figure for their types of variables

* Two categorical variables = mosaic or barplot
* Two numeric variables = scatterplot
* One numeric and one categorical variable = stripchart (if <20 observations in each group), boxplot (if >20 observations in each group)

2 marks for each figure caption that follows guidelines. Subtract 0.5 mark for missing elements. At a minimum caption is:

* located below the figure
* includes a figure number
* describes both variables
* sample size included

1. Use the Shiny App to calculate the descriptive statistics for your each of your variables. Display these descriptive statistics in a properly formatted table below. Make sure you follow proper data presentation guidelines! (5 marks)

* Correct descriptive statistics were used for each variable type (1 mark)
* The heading is placed above the table (1 mark)
* The table should be interpretable on its own thanks to an informative heading (1 mark)
* Sample sizes and units are always included (1 mark)
* Use horizontal lines only; these are often placed above and below headings, and at bottom of table (1 mark)