Statistical Inference Course Project Part2

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Part2

Now in the second portion of the class, we're going to analyze the ToothGrowth data in the R datasets package.

- Load the ToothGrowth data and perform some basic exploratory data analyses.

- Provide a basic summary of the data.

- Use confidence intervals and/or hypothesis tests to compare tooth growth by supp and dose. (Only use the techniques from class, even if there's other approaches worth considering)

- State your conclusions and the assumptions needed for your conclusions.

- Some criteria that you will be evaluated on.

- Did you perform an exploratory data analysis of at least a single plot or table highlighting basic features of the data?

- Did the student perform some relevant confidence intervals and/or tests?

- Were the results of the tests and/or intervals interpreted in the context of the problem correctly?

- Did the student describe the assumptions needed for their conclusions?