Use ggplot to plot normal scatterplot

Use ggmarginal extension to plot distribution together with scatterplot

A graph with black dots

AI-generated content may be incorrect.

Continuous – histogram, boxplot

Categorical data – bar chart, pie chart

Use whitney test will need to use non-parametric “np” instead of “p” so that it uses median instead of mean

Use welch test for non-equal variance, if equal, use T-test

There is parametric, non-parametric, robust, bayes

Robust – chops away outliers (top and bottom 2.5%)

Ggbetweenstats() dots are slightly transparent so that more dots overlapping = darker spots