

How to Choose a Chart

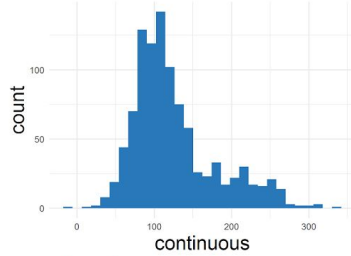
A Statistically Informed
Visual Guide

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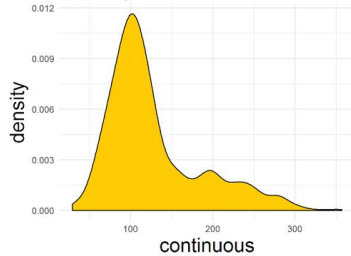
For more information see: www.umich.edu/~agrogan/how_to_choose_a_chart/

Continuous

histogram



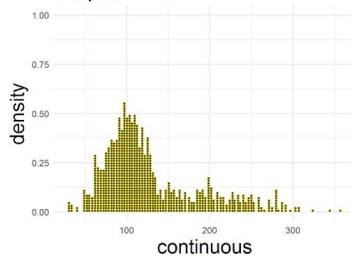
density



bar chart of mean

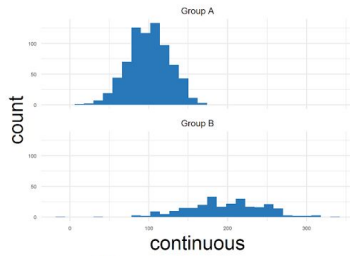


dotplot

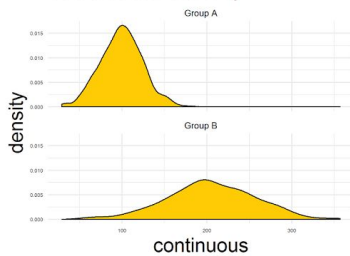


Continuous by Categorical

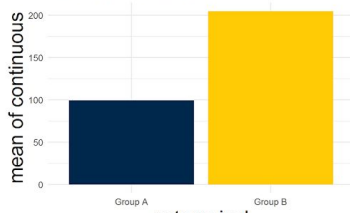
conditional histogram



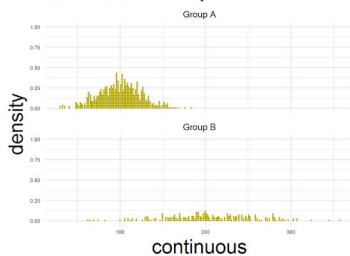
conditional density



conditional
bar chart of means

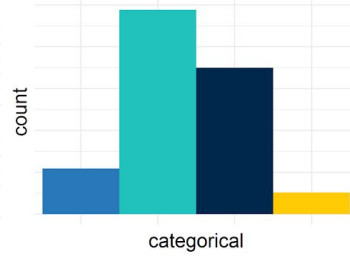


conditional dotplot

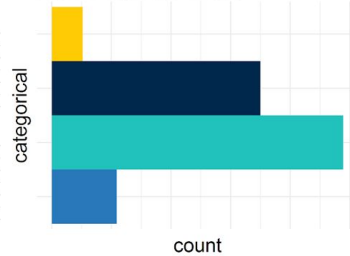


Categorical

bar chart



horizontal bar chart



pie chart

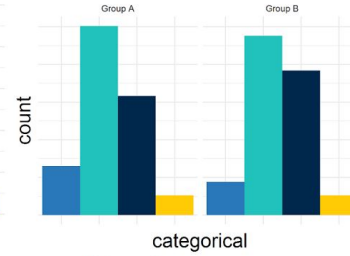


doughnut chart

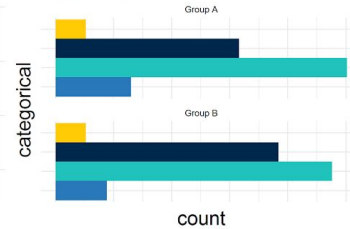


Categorical by Categorical

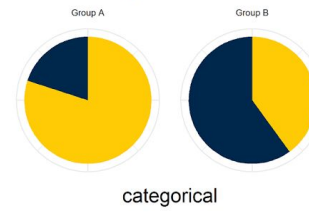
conditional bar chart



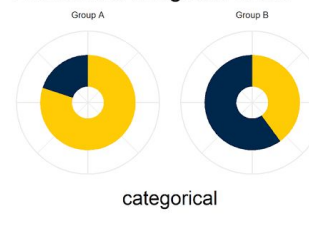
conditional
horizontal bar chart



conditional pie chart

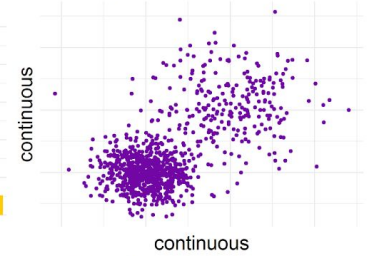


conditional doughnut chart

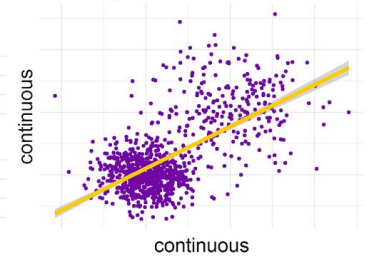


Continuous by Continuous

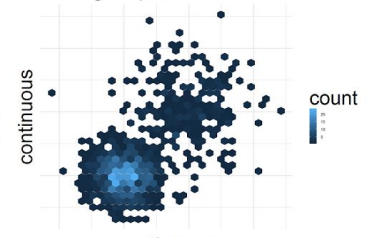
scatterplot



scatterplot with fit line



hexagon plot



scatterplot with smoother

