

What geom do I use?

# How to Choose a Chart



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A Statistically Informed Visual Guide

Continuous

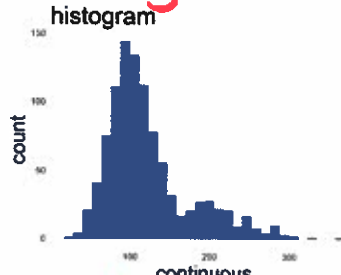
Continuous by  
Categorical

Categorical

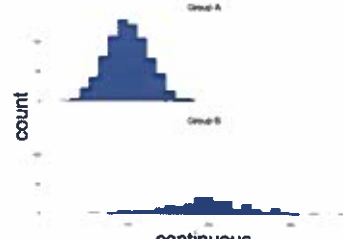
Categorical by  
Categorical

Continuous by  
Continuous

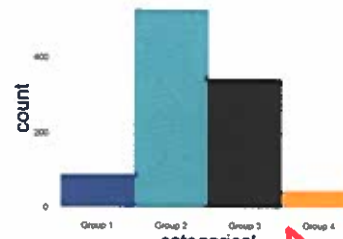
*geom-histogram()*



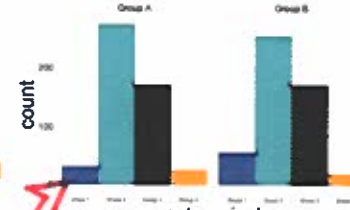
histogram by group



bar chart



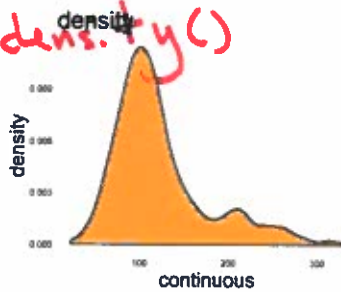
bar chart  
by group



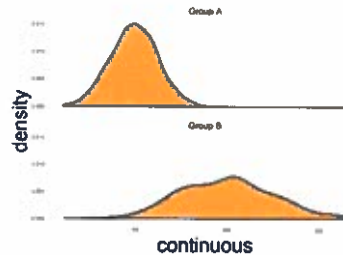
scatterplot



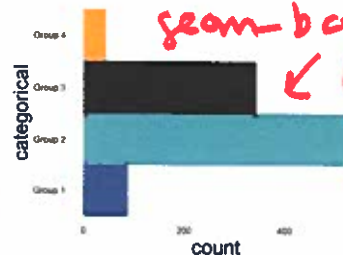
*geom-density()*



density by group



horizontal bar chart



horizontal bar chart  
by group



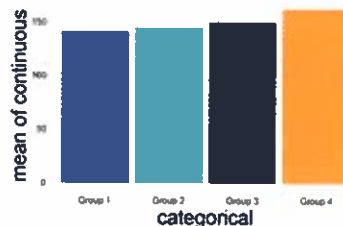
scatterplot with fit line



barchart of mean



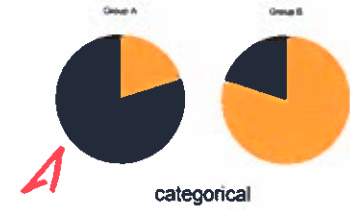
barchart of mean  
by group



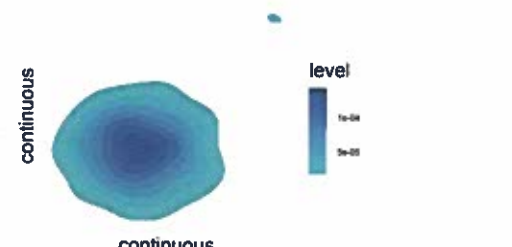
pie chart



pie chart  
by group

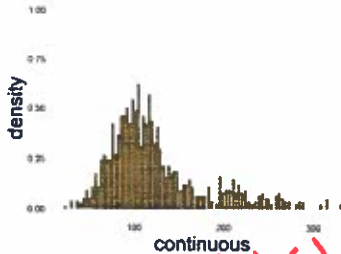


contour plot

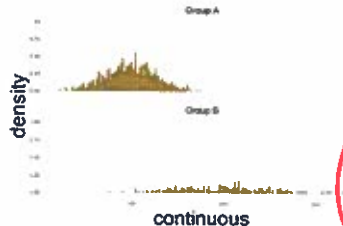


*geom-bar()*

dotplot



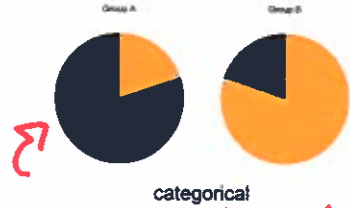
dotplot  
by group



doughnut chart



doughnut chart  
by group



scatterplot with smoother



*geom-dotplot()*

*geom-bar() + coord-polar()*