Today: 2-D Caterogical Data
Independence and Mosaic Plots

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February 6, 2017

Recall: Independence Rules from Probability

Can input contingency tables into chi-square tests for independence

E.g. `chisq.test(table(var1, var2))`

More on this in Lab 04

Pearson Residuals

Pearson Residuals: Scaled difference between observed/expected

Mosaic Plots

Mosaic Plots: Area plot for two categorical variables

Can color the boxes by their differences from what was expected

Friday: Mosaic Plots in R