

For this assignment, I wanted to see if there was a relationship between the year a tree was sampled and its vitality. I essentially assumed year as an extremely rough proxy for climatic events (wind fall, fire, etc.) Since these were both categorical variables, I ran them through a Pearson's Chi-Squared test and portrayed the variables in a simple mosaic plot.

This is not accurate at all. To clean it up, I tried to make a mosaic plot in ggplot2 by determining the proportions of each tree status category by year and changing the USFS codes to understandable labels.



