

# Data Visualization Portfolio

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## About

The following are a collage of visualizations from different projects. I've compiled them here to demonstrate how I approach stylizing different types of visualizations. To view the analytics projects and code, please [click here](#) to visit my GitHub profile.

## Bar Graphs

### Bed Supply Analysis

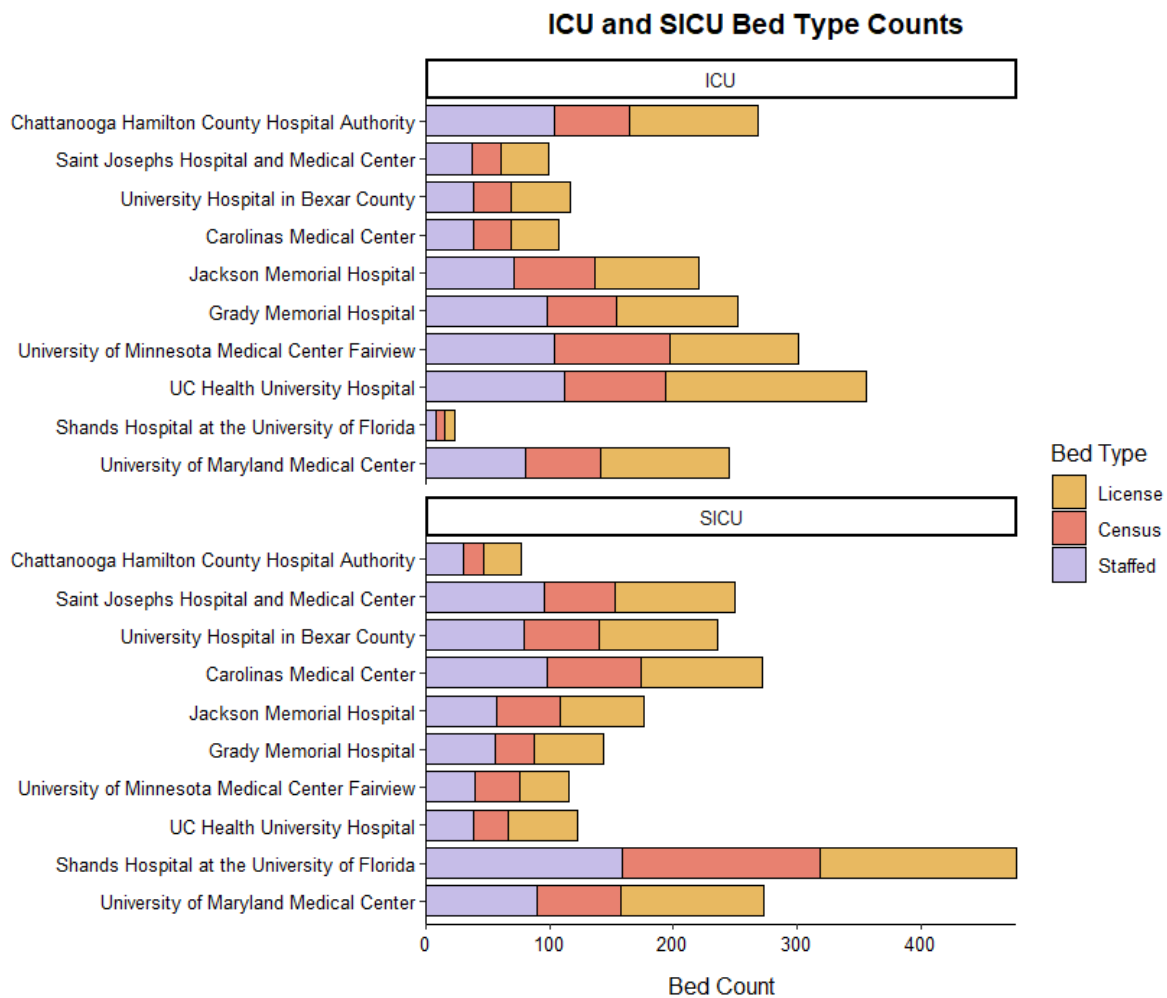
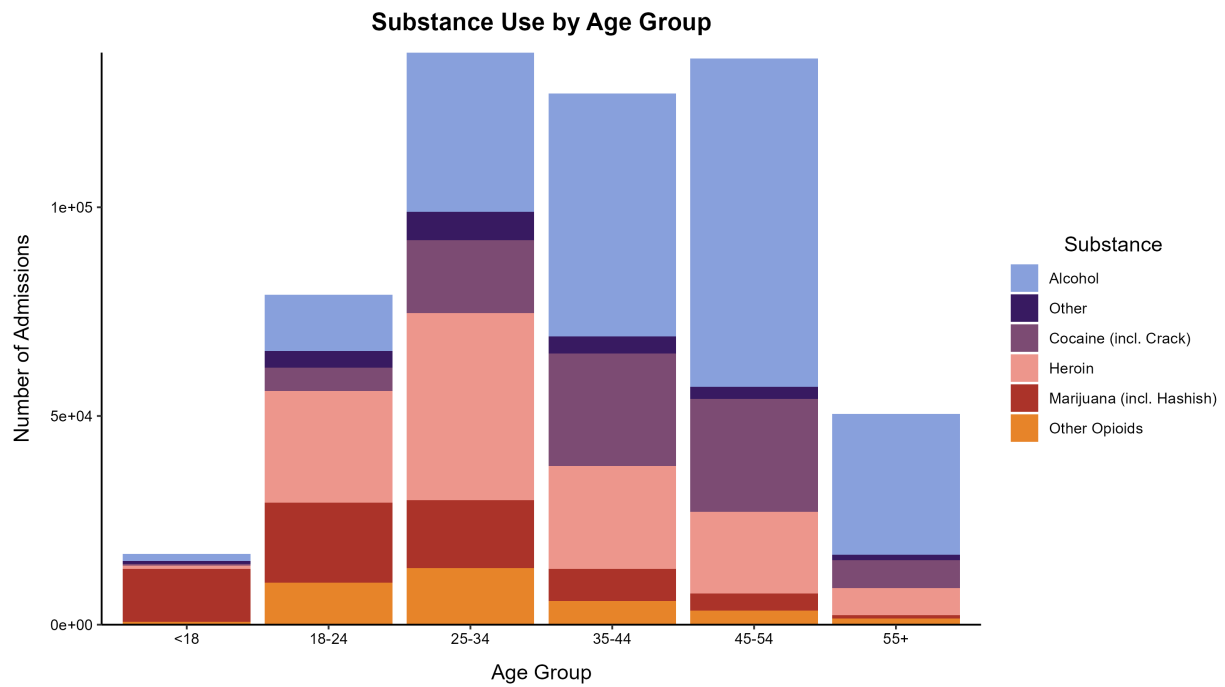


Figure 7: ICU and SICU bed type counts for top hospitals

## Admissions Analysis



Stacked bar showing substance use by age group from 2007-2017.

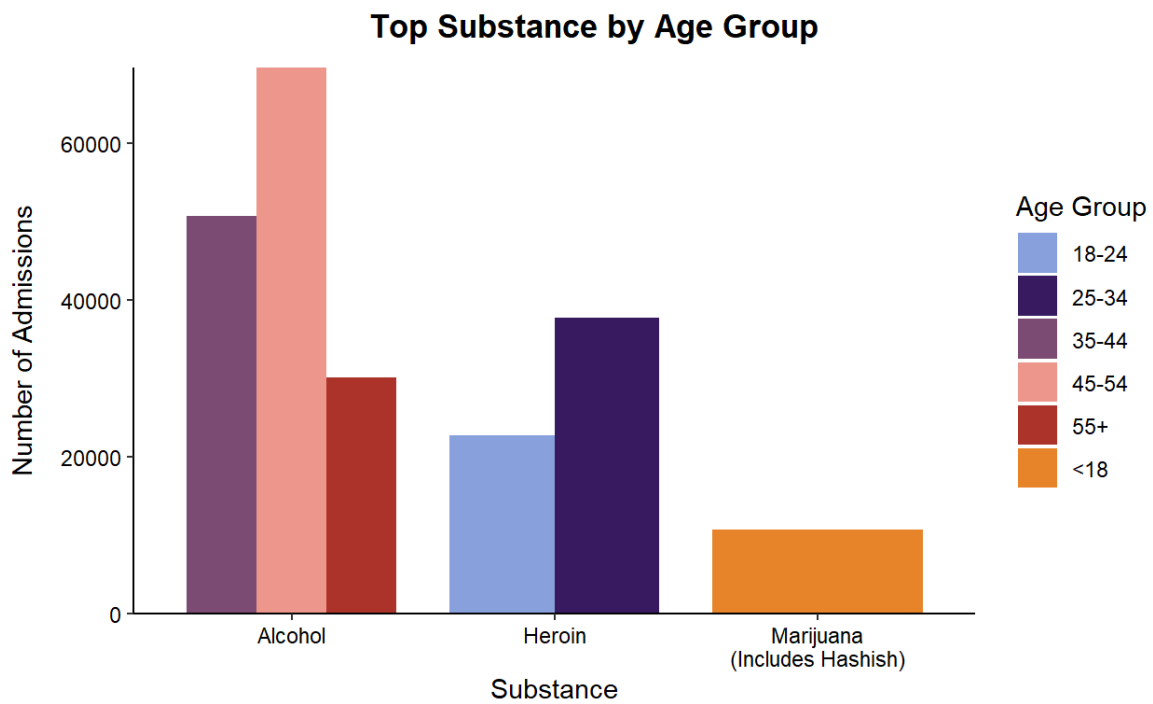


Figure 4: Stacked bar showing the top substance used per age group from 2007-2017.

# Dot Plots

## Bed Supply Analysis

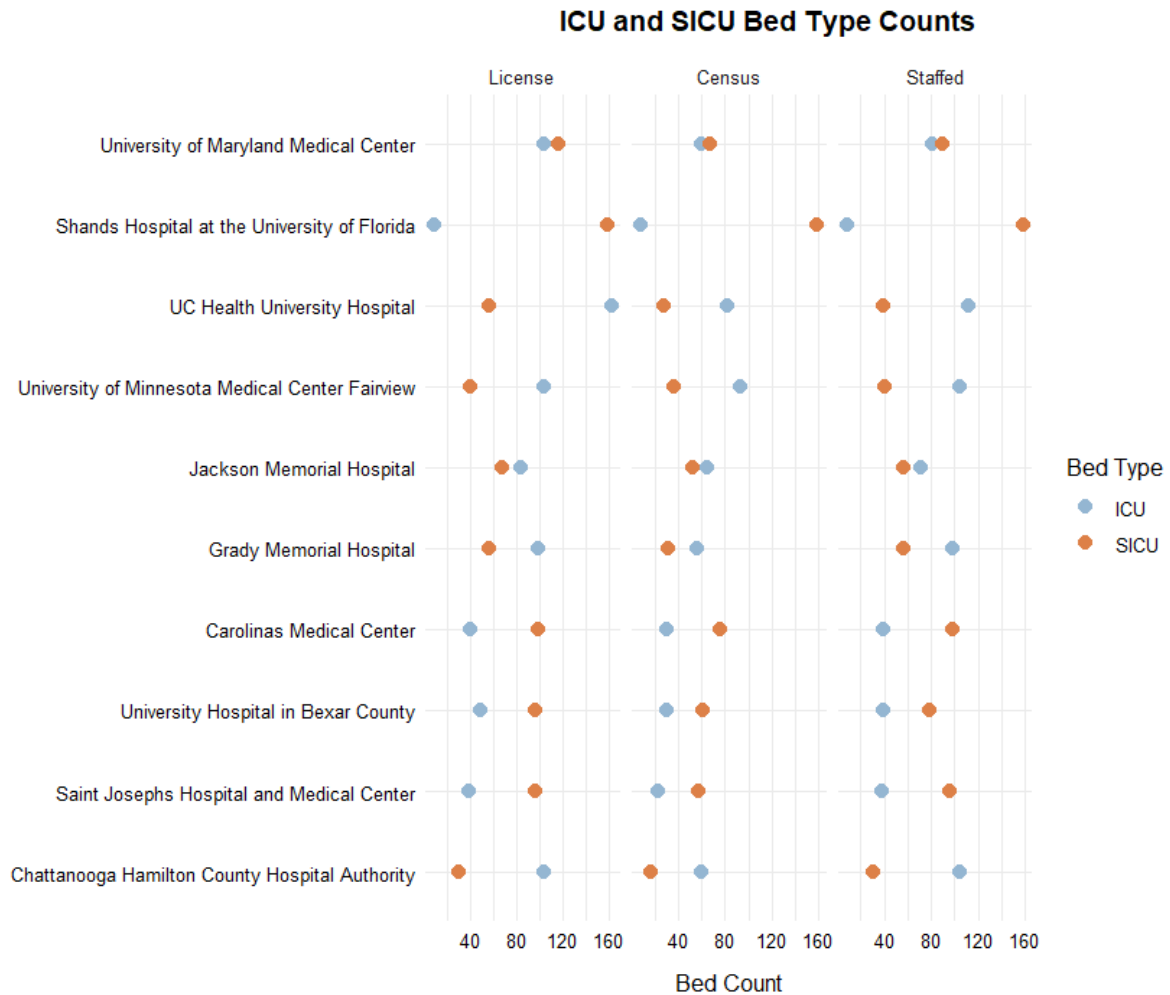


Figure 8: ICU and SICU bed type counts for top hospitals

## Line Graphs

### Decision Tree Model Evaluation

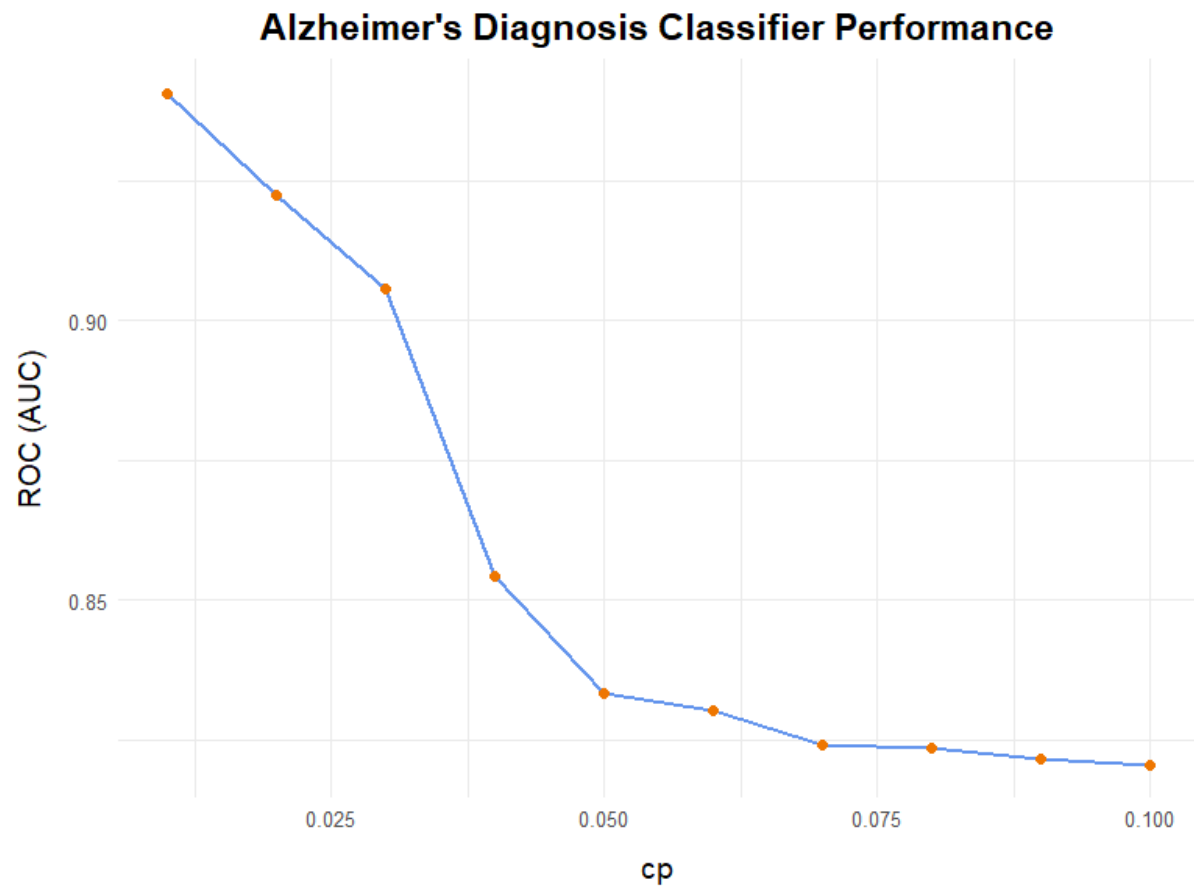
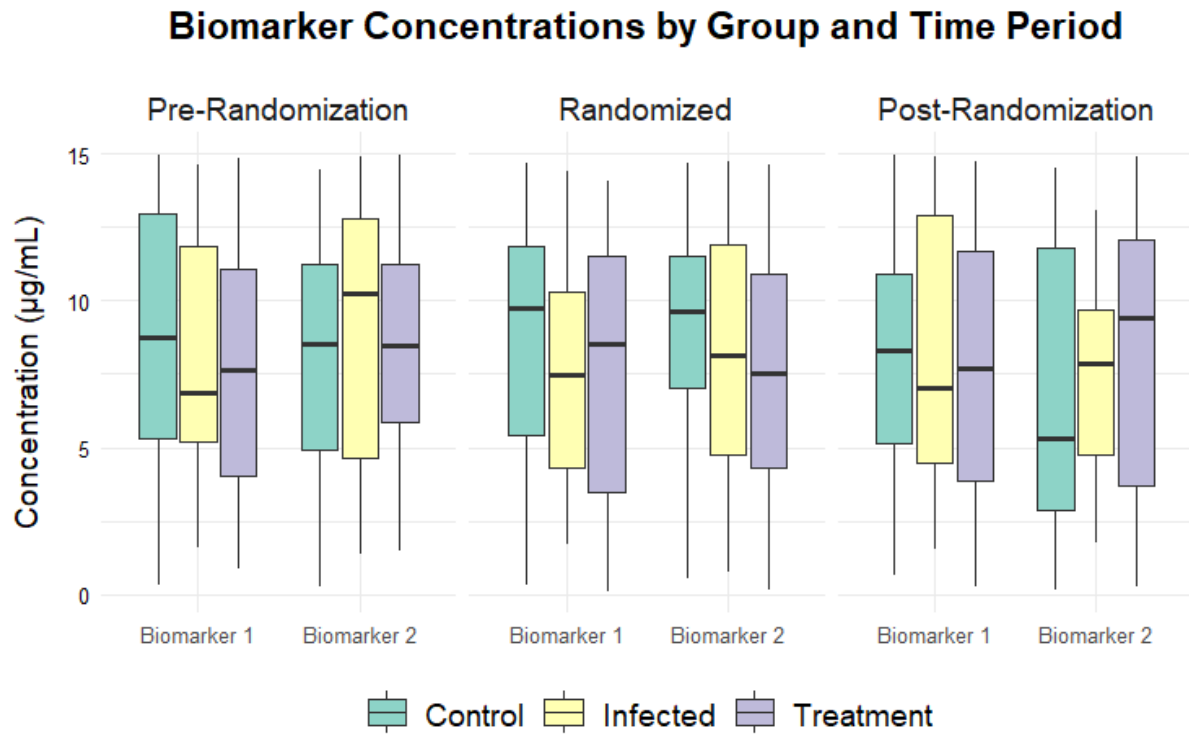


Figure 1: Decision tree ROC (AUC) metric variation with complexity parameter (cp)

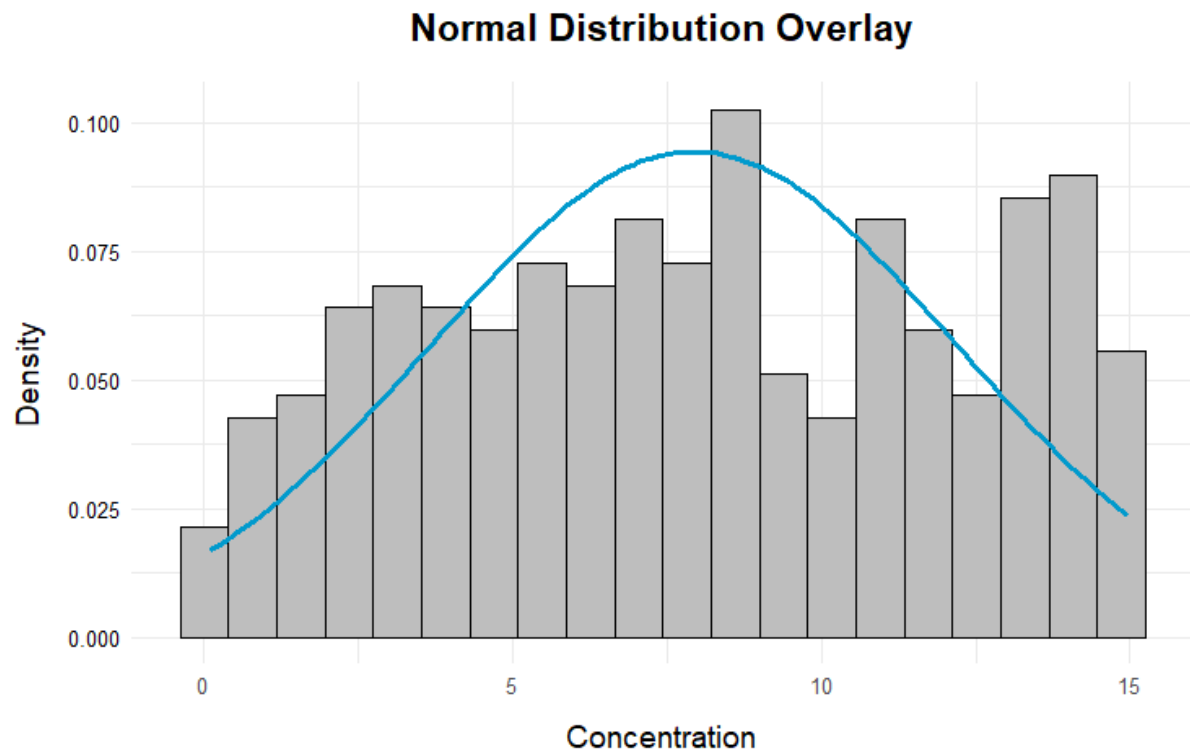
## Box Plots

### Biomarker Concentrations



# Histograms

Biomarker Concentration



## Q-Q Plots

Biomarker Concentration

