Data Visualization Portfolio

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Contents

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.
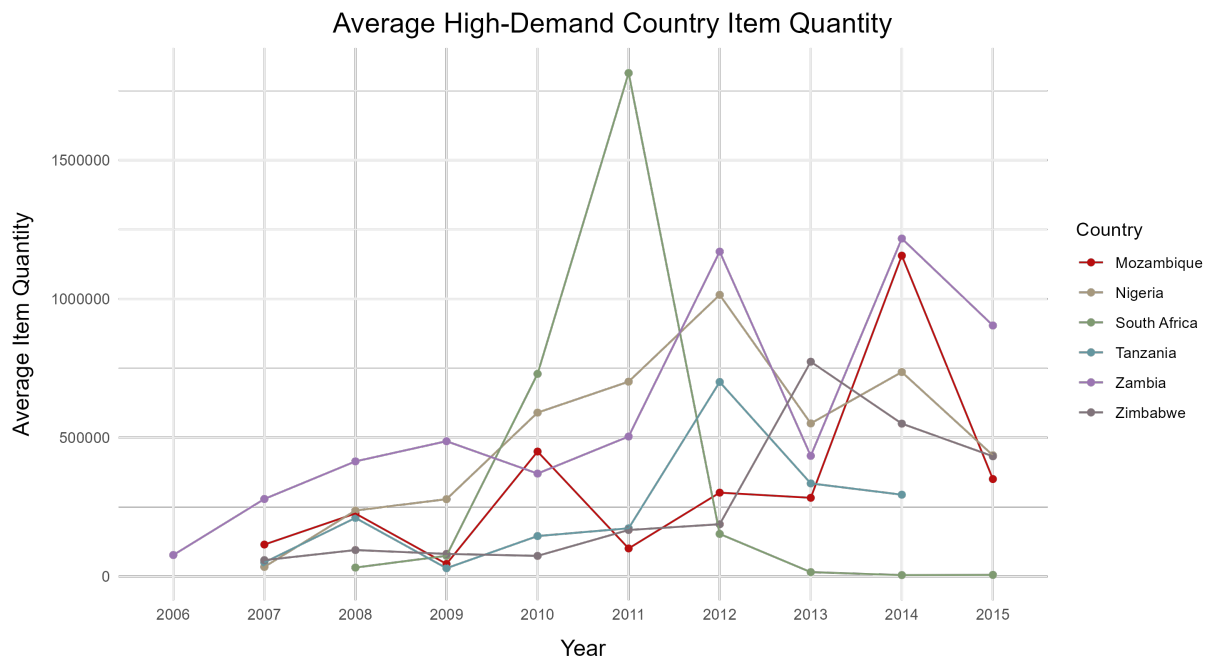
Line Graphs

Global Lab Supply Item Demand

Figure 5: Average item quantity ordered by high-demand African countries between 2006 and 2015 colored by product type.
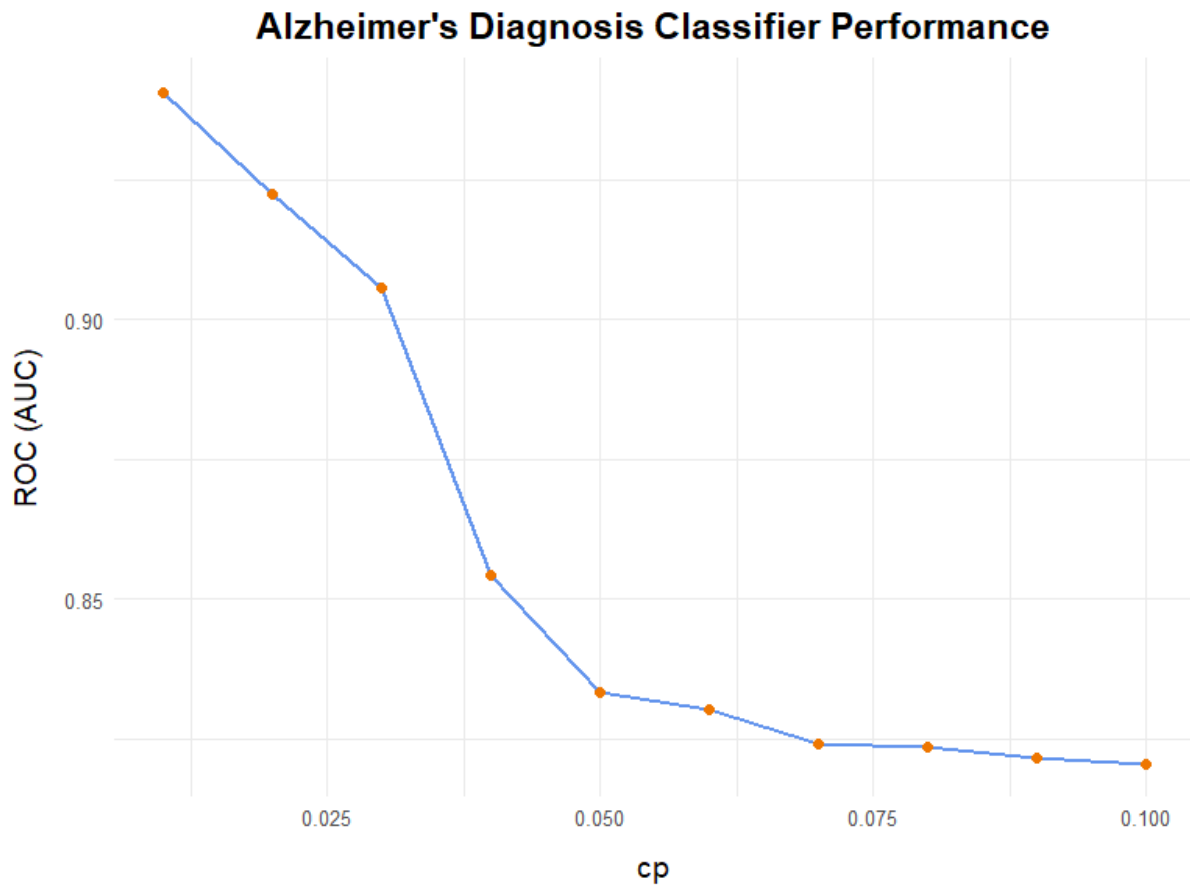
Decision Tree Model Evaluation

Alzheimer's Diagnosis Classifier Performance

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

Bar Graphs

Bed Supply Analysis

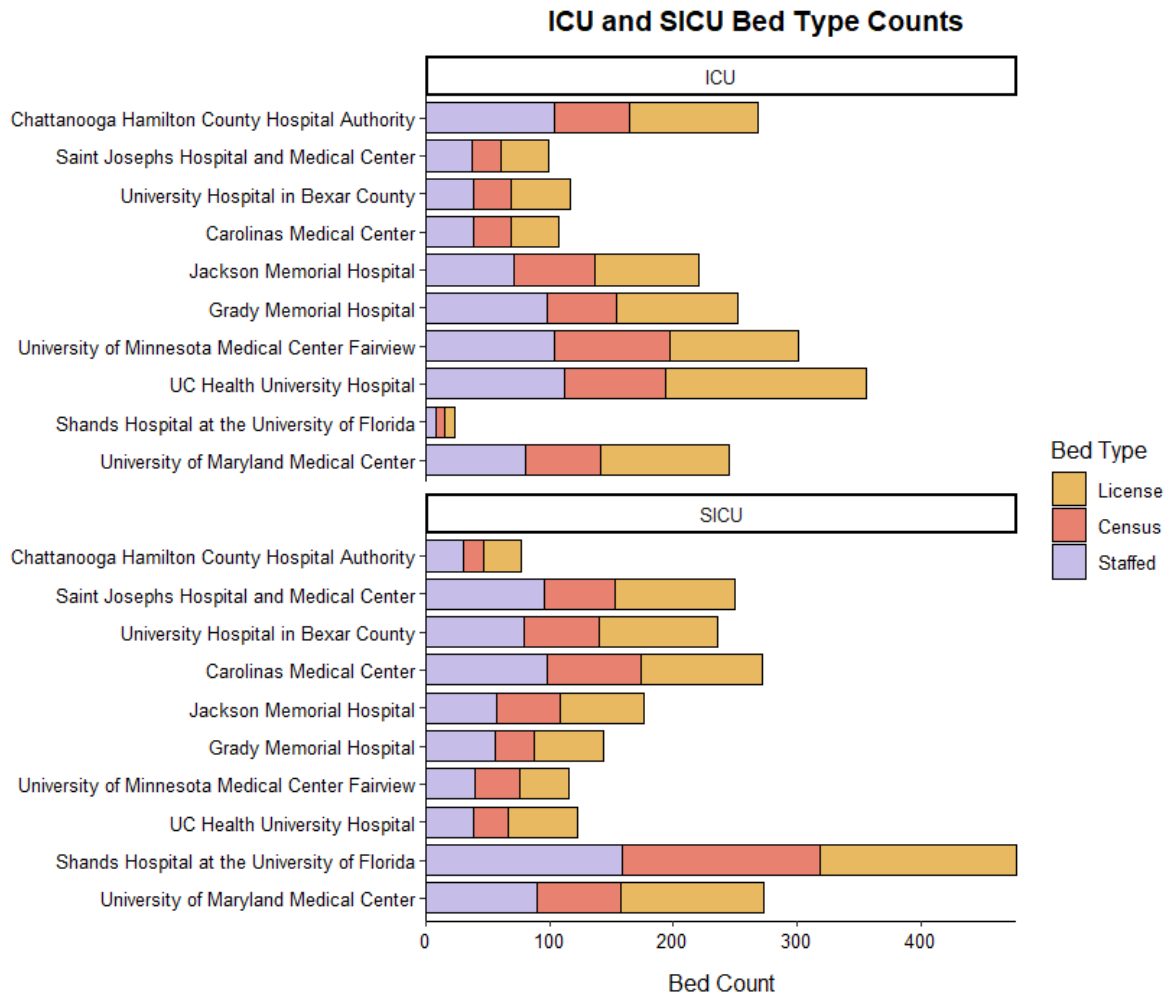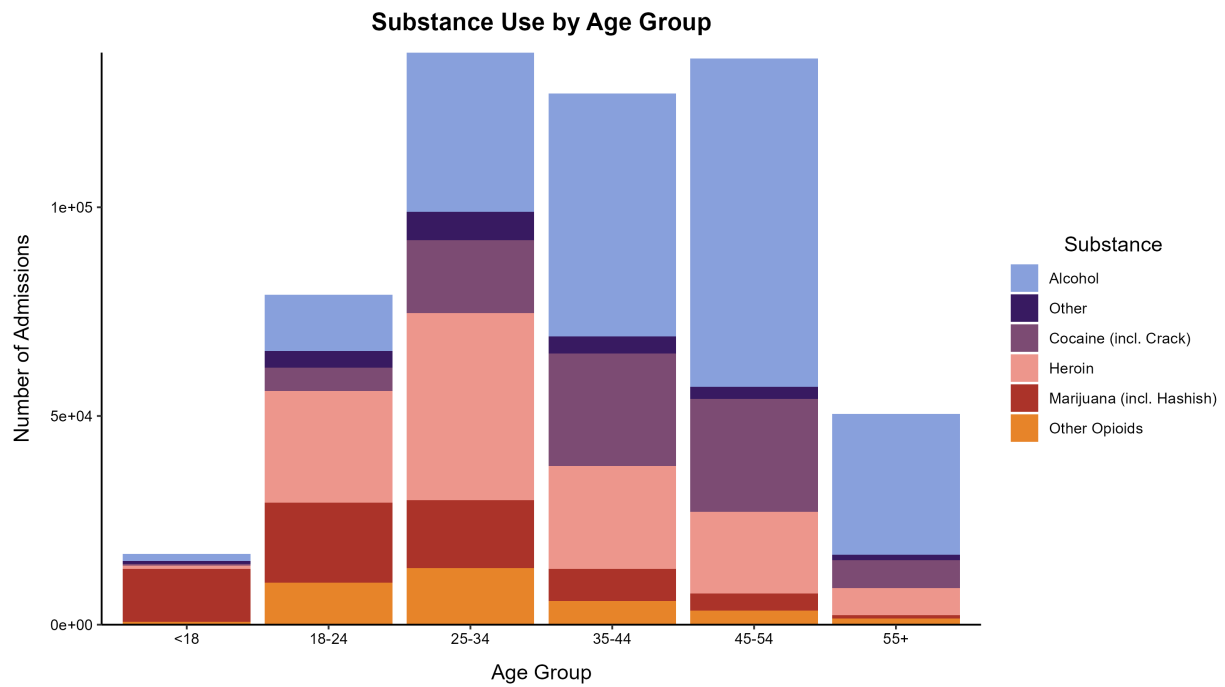**ICU and SICU Bed Type Counts**

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

Admissions Analysis

Substance Use by Age Group

Stacked bar showing substance use by age group from 2007-2017.
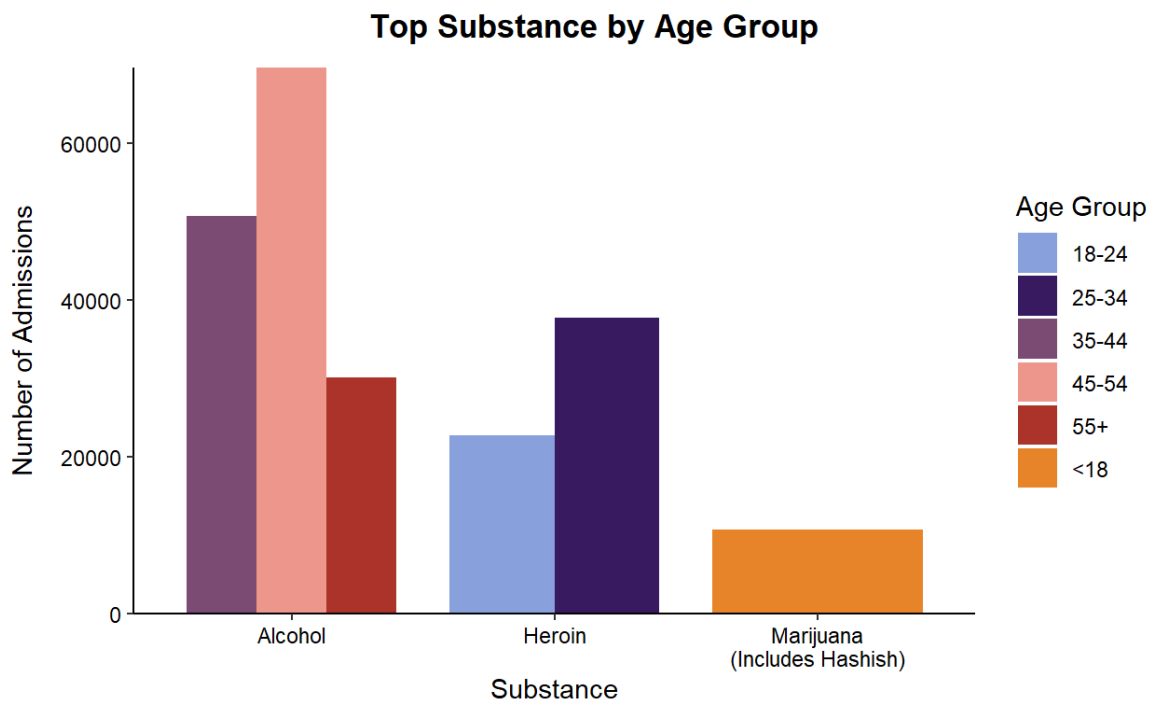
Top Substance by Age Group

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

Dot Plots

Bed Supply Analysis

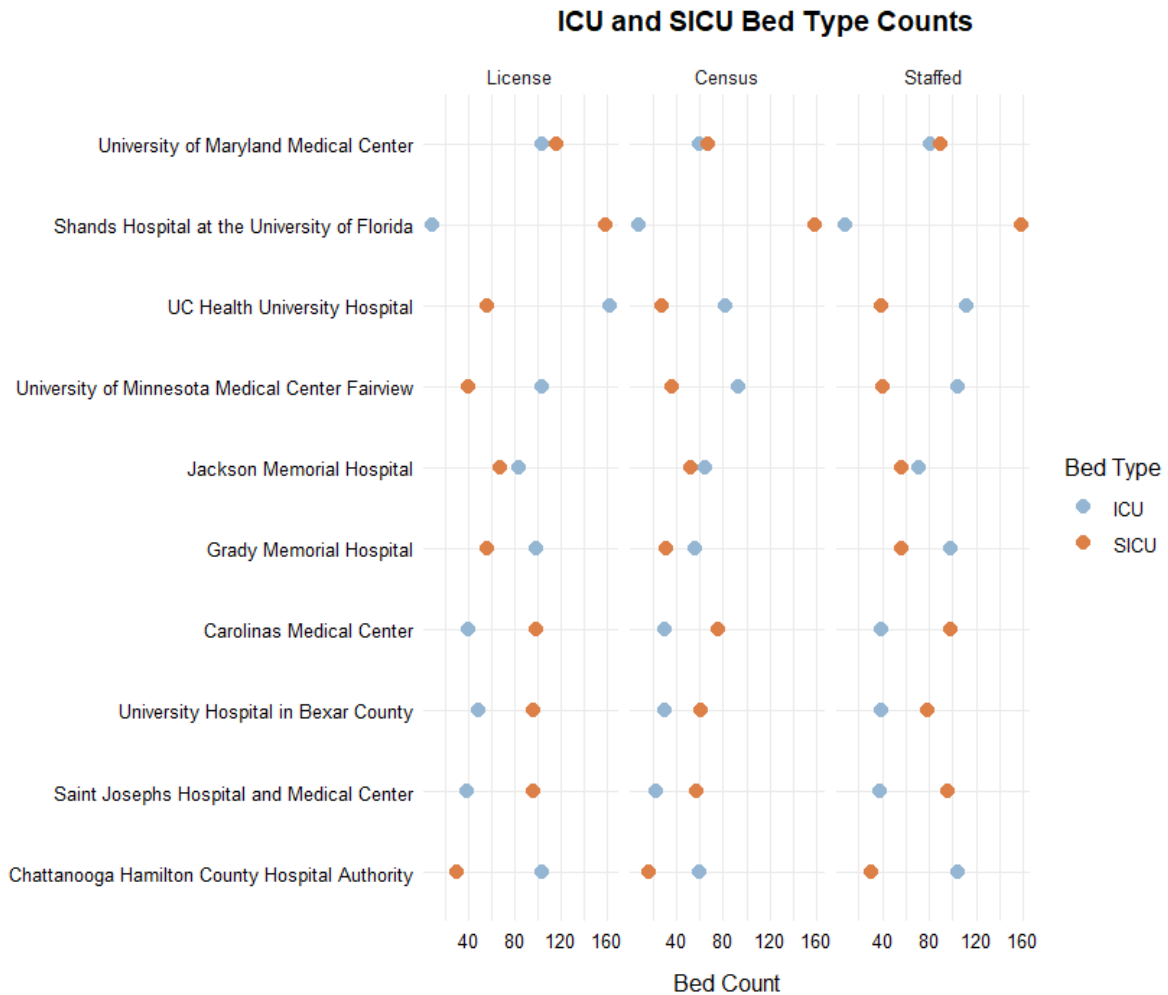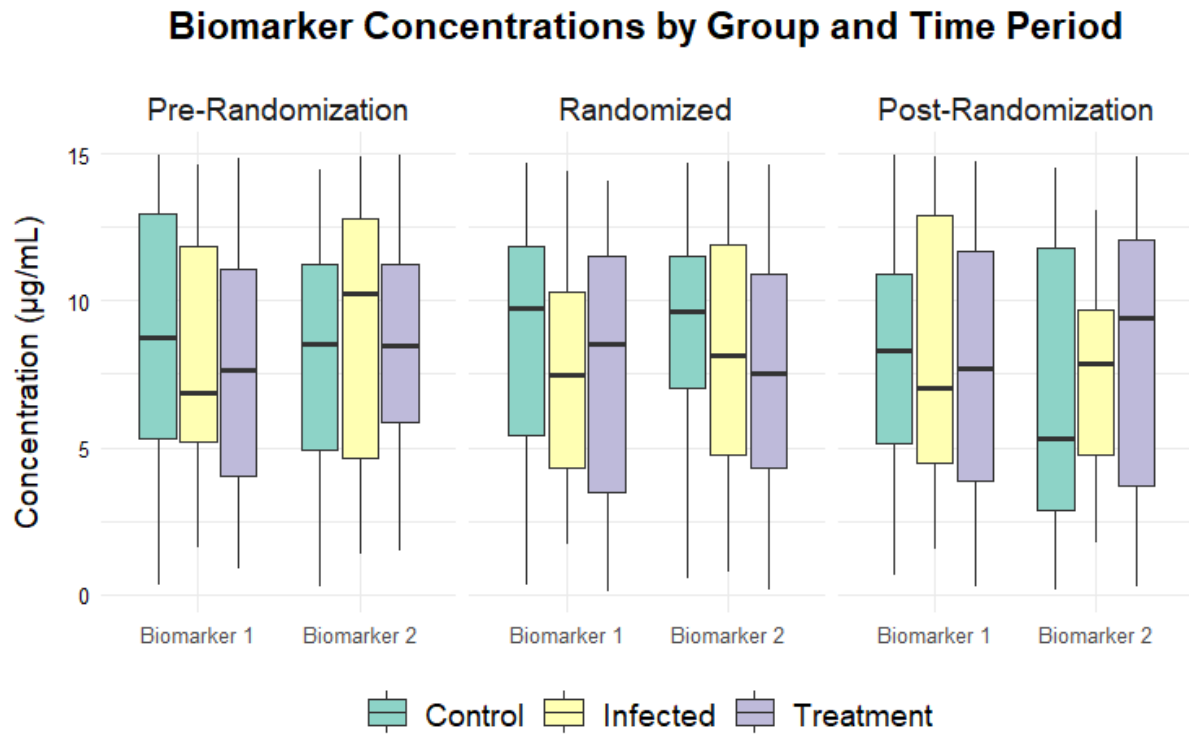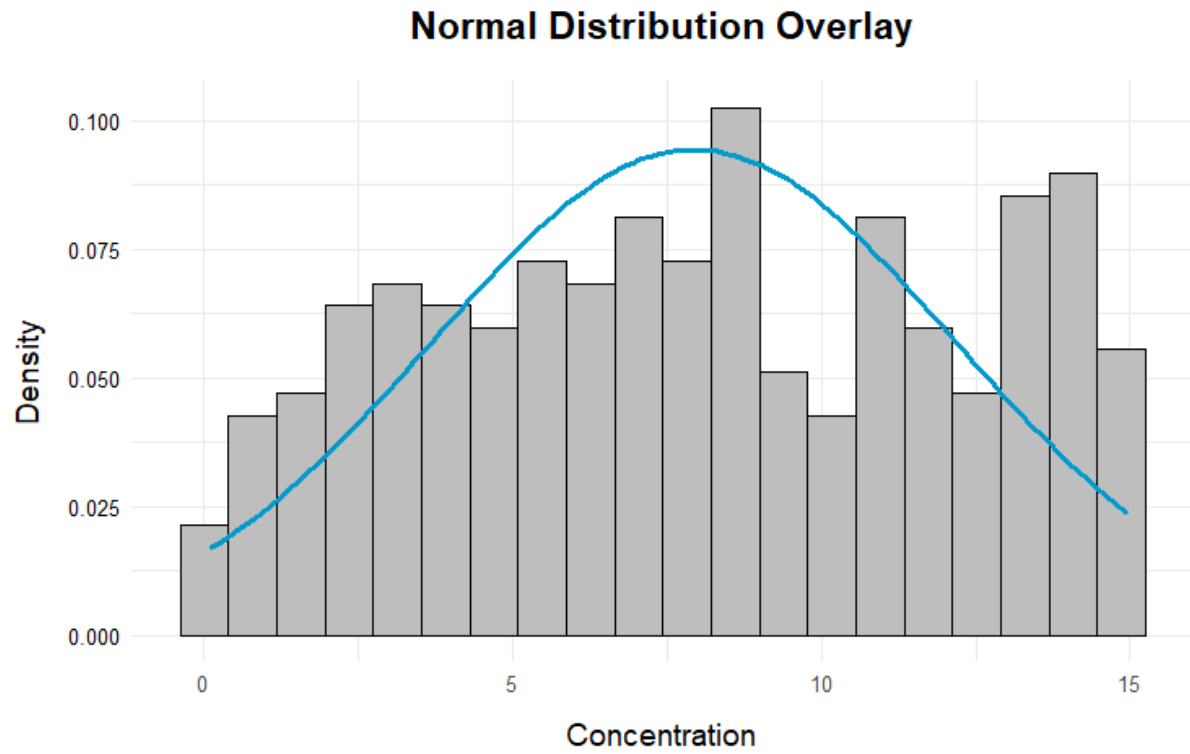Figure 8: ICU and SICU bed type counts for top hospitals

Box Plots

Biomarker Concentrations

Biomarker Concentrations by Group and Time Period

Histograms

Biomarker Concentration

Q-Q Plots

Biomarker Concentration