

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.

Line Graphs

Global Lab Supply Item Demand

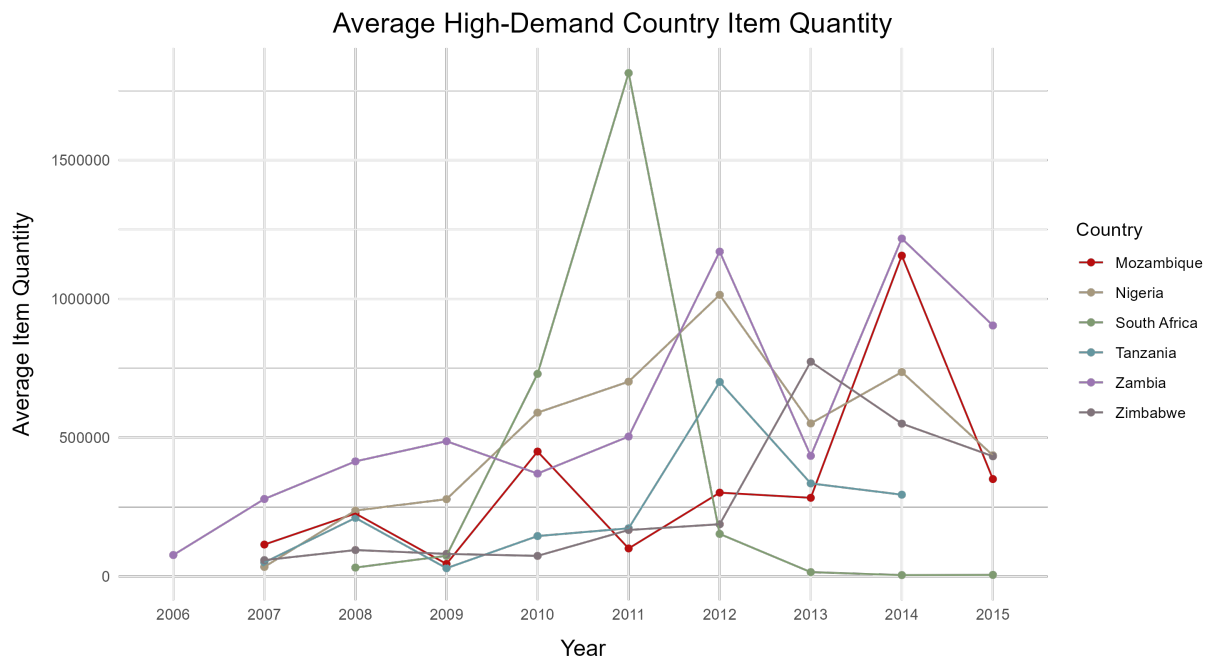


Figure 5: Average item quantity ordered by high-demand African countries between 2006 and 2015 colored by product type.

Decision Tree Model Evaluation

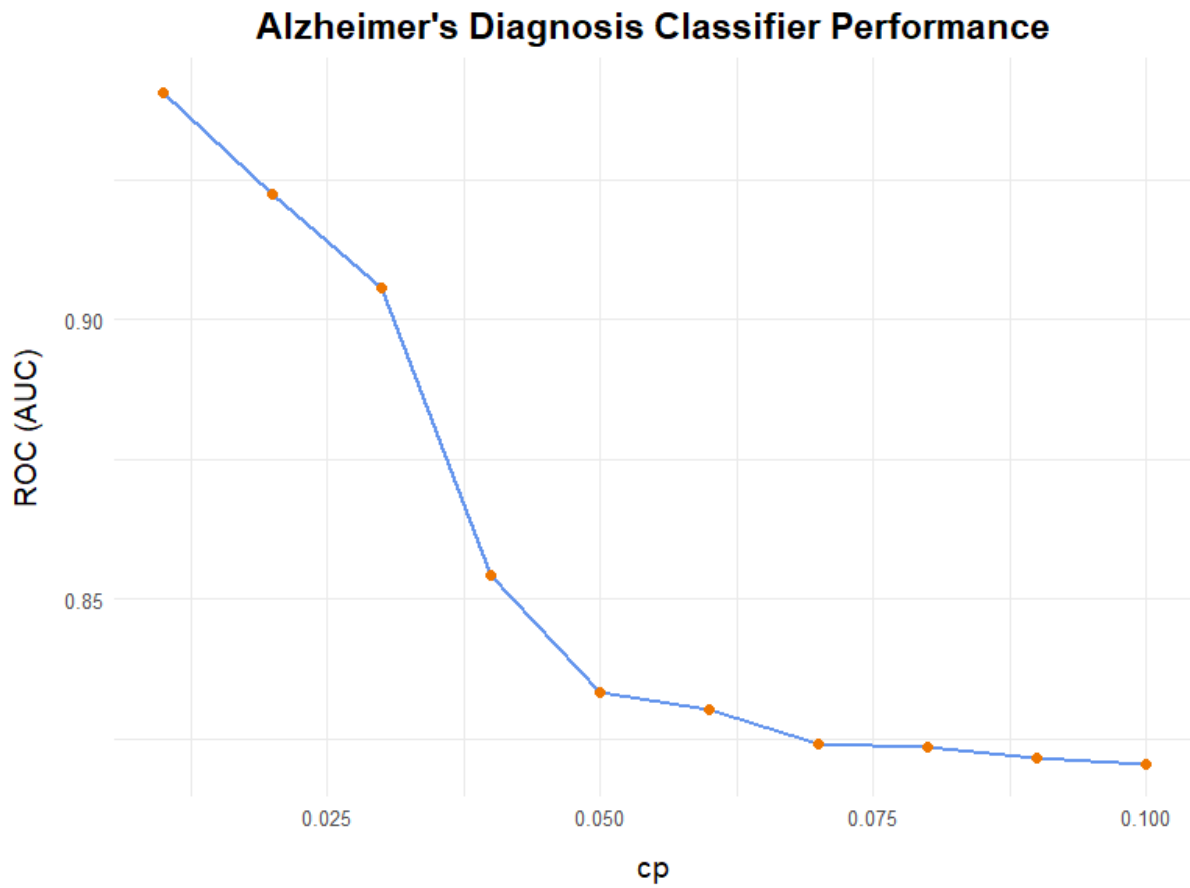
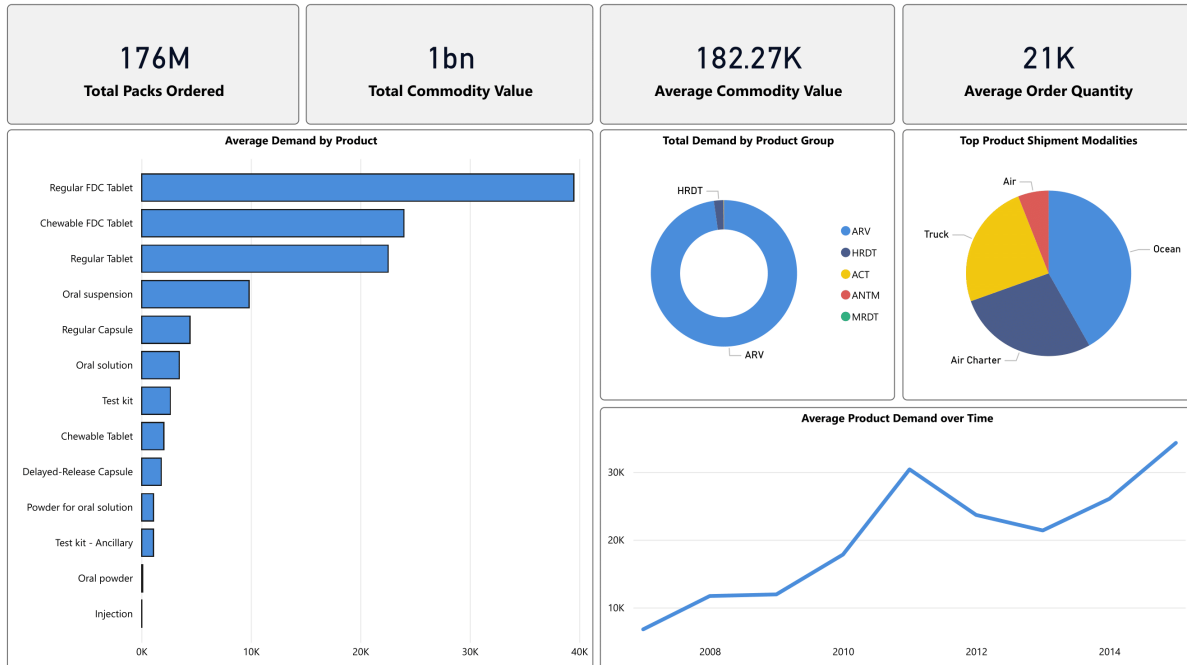


Figure 1: Decision tree ROC (AUC) metric variation with complexity parameter (cp)

Power BI

Global Lab Supply Item Demand Summary Dashboard



Bar Graphs

Bed Supply Analysis

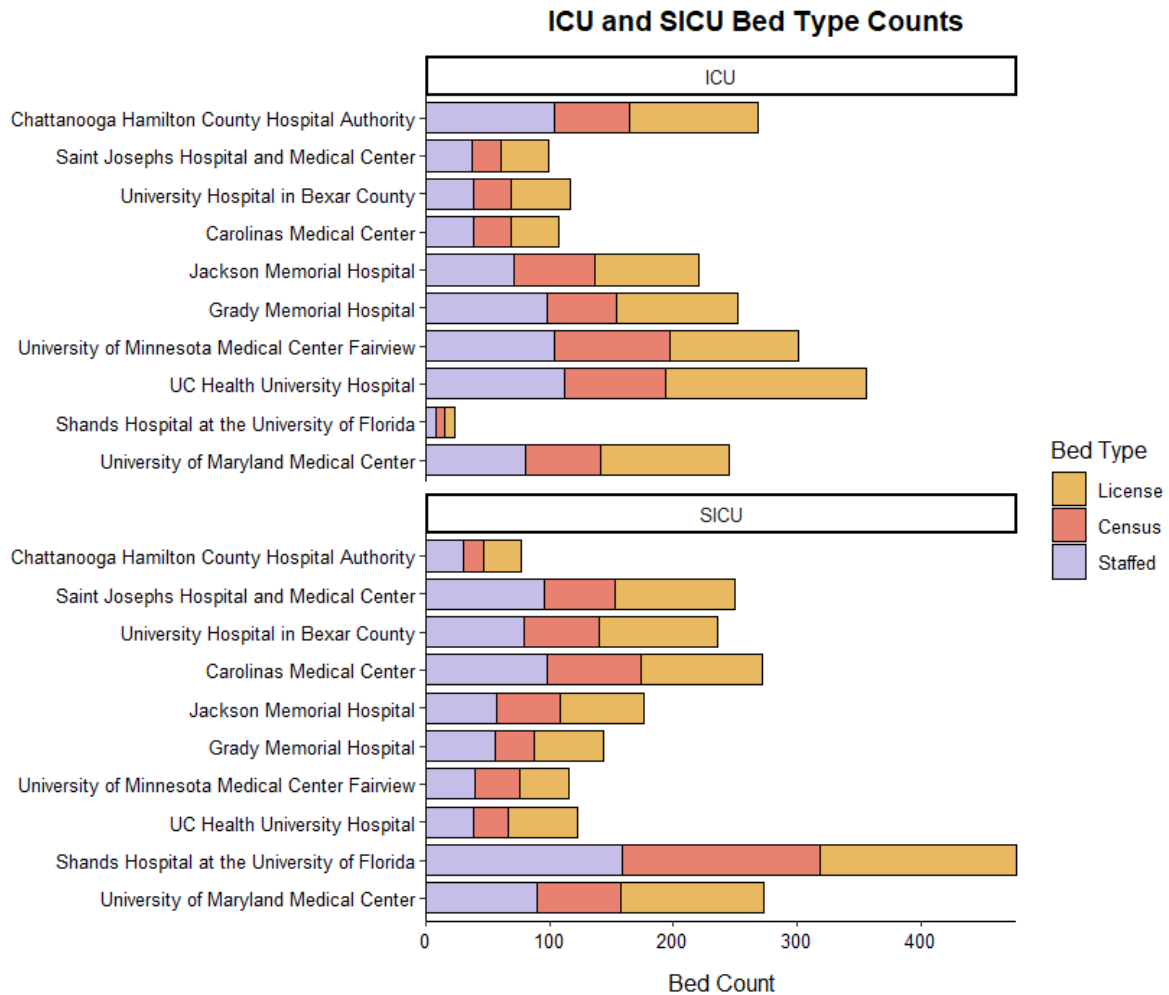
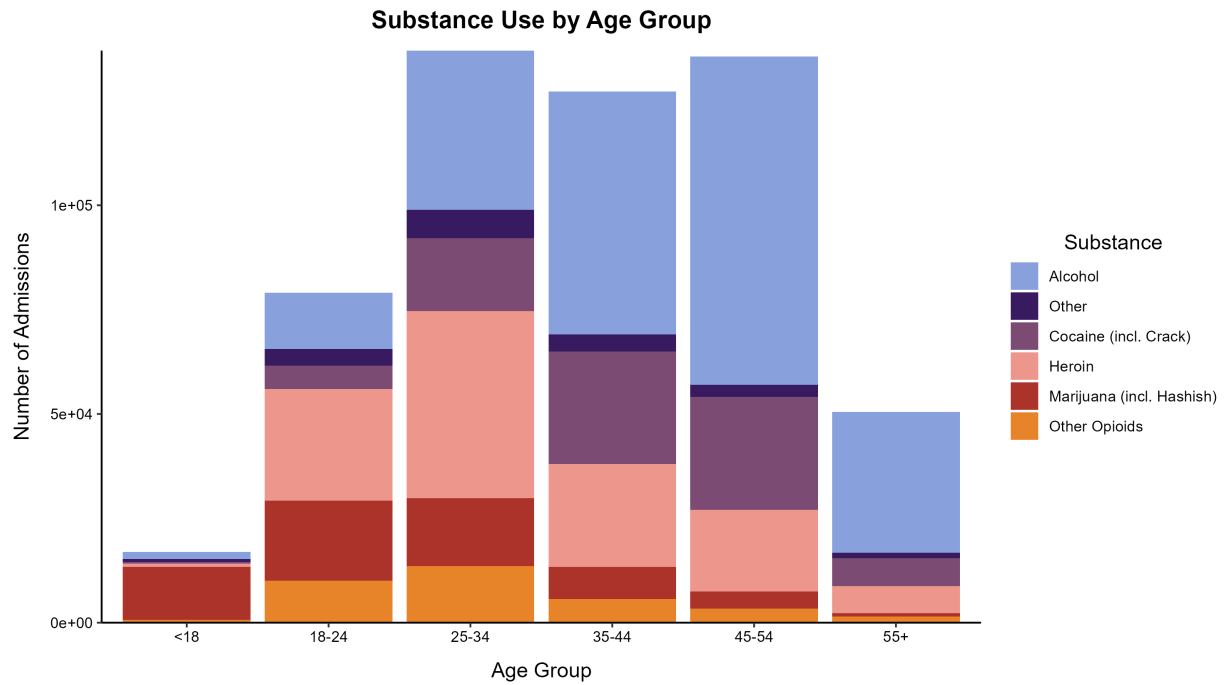


Figure 7: ICU and SICU bed type counts for top hospitals

Admissions Analysis



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

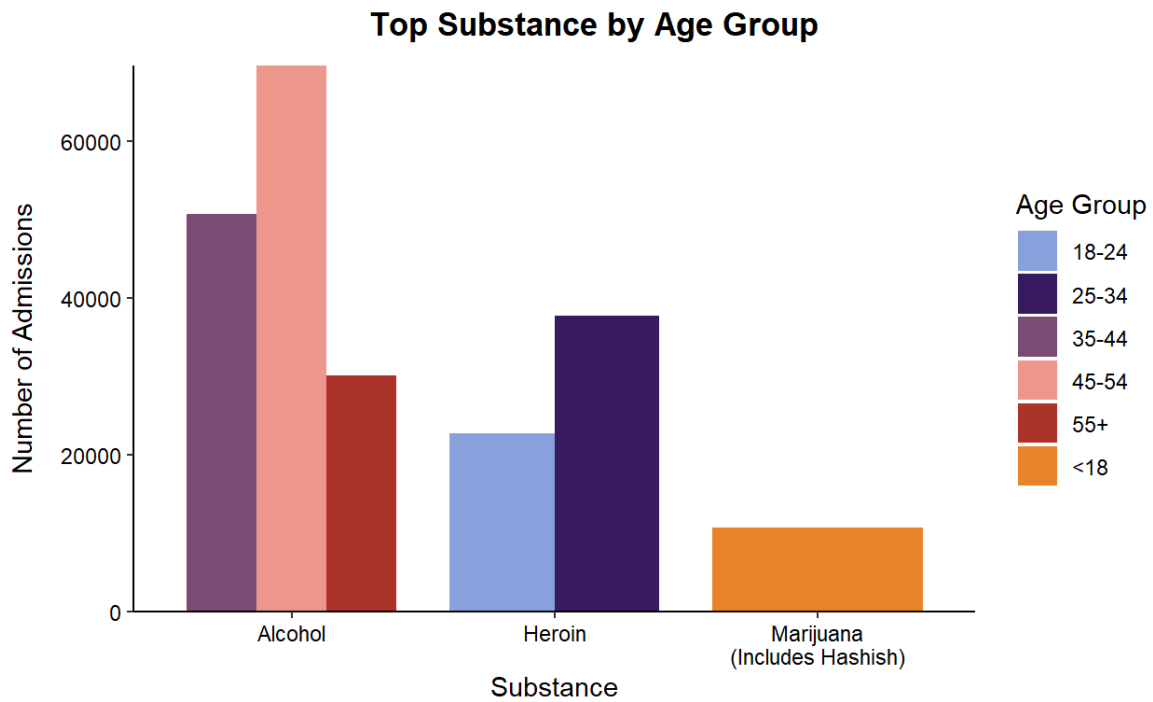


Figure 4: Stacked bar showing the top substance used per age group from 2007-2017.

Dot Plots

Bed Supply Analysis

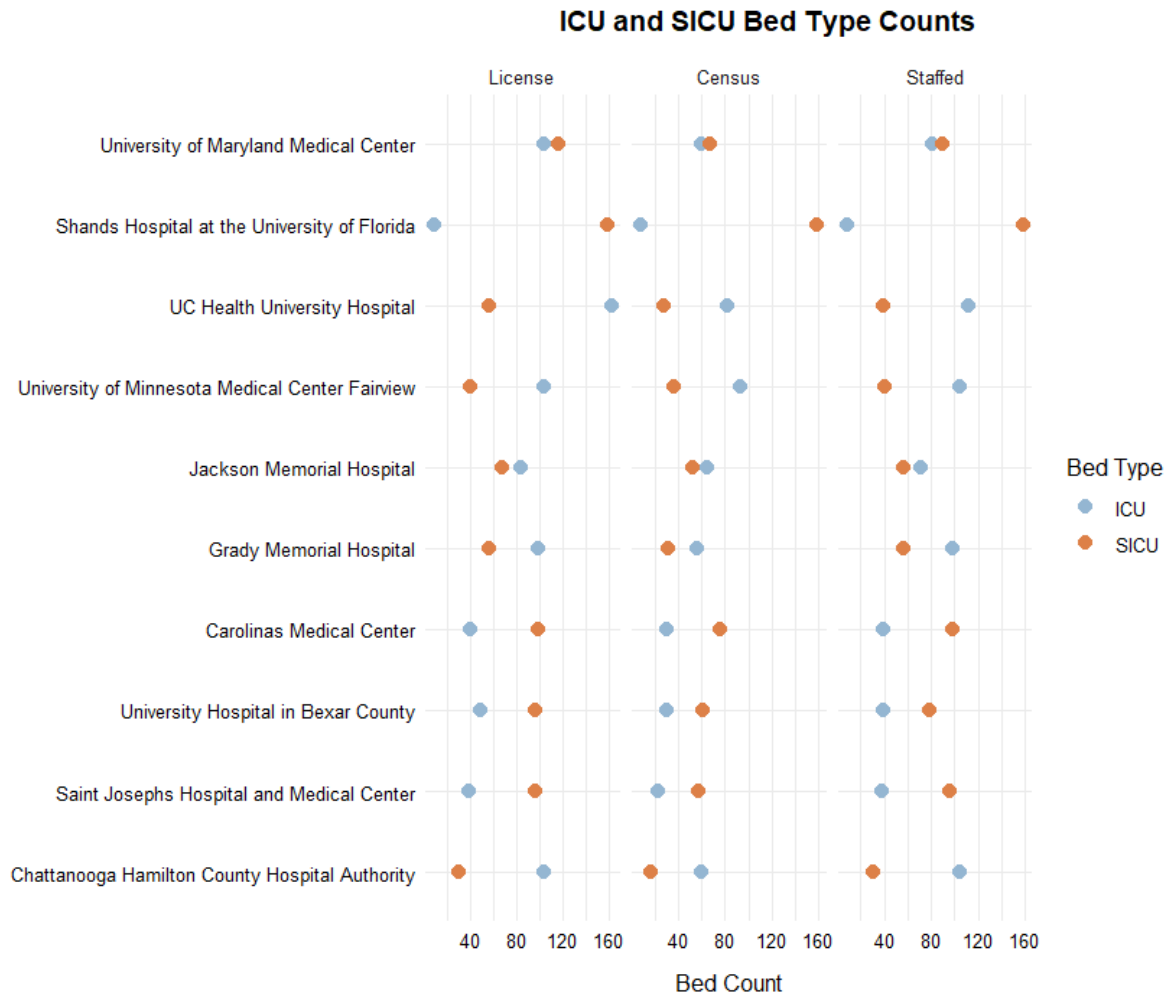
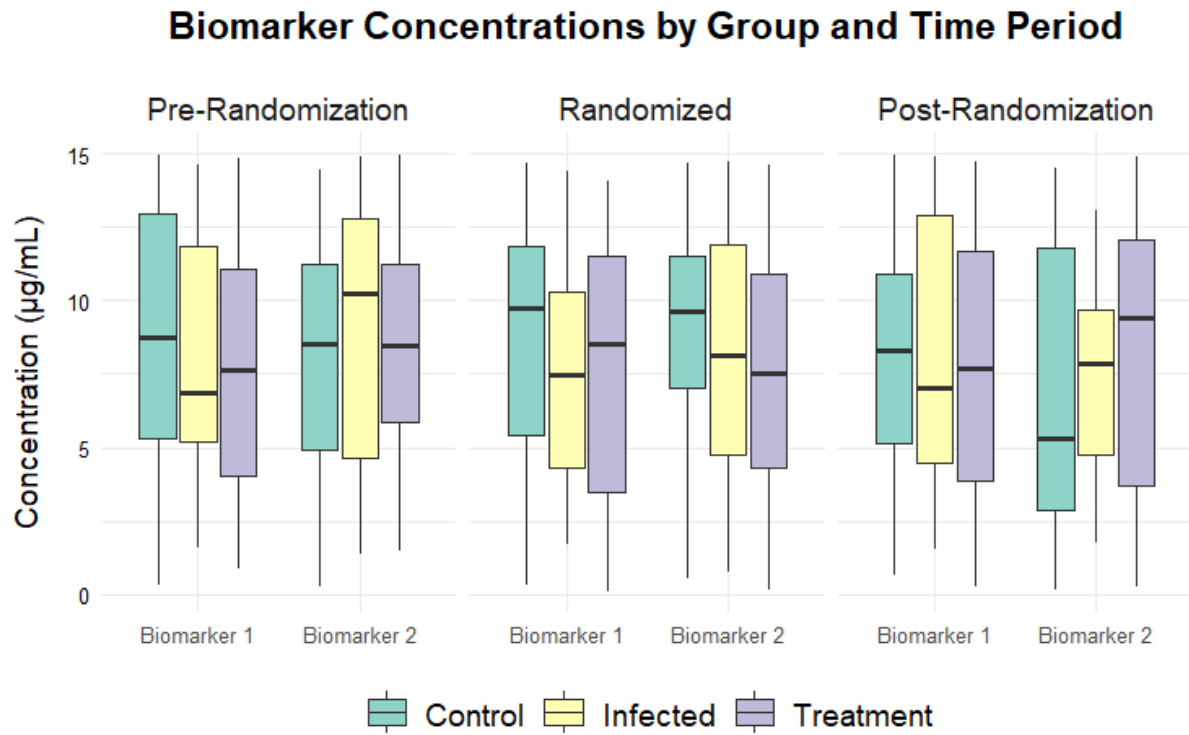


Figure 8: ICU and SICU bed type counts for top hospitals

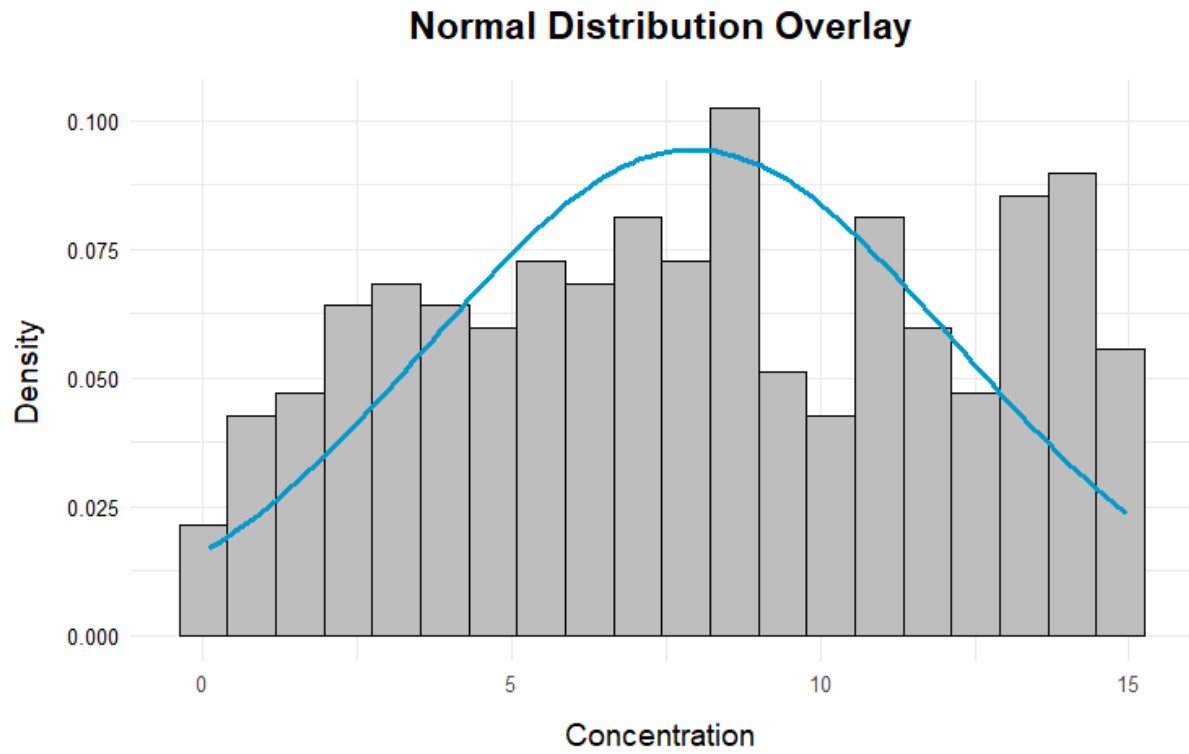
Box Plots

Biomarker Concentrations



Histograms

Biomarker Concentration



Q-Q Plots

Biomarker Concentration

