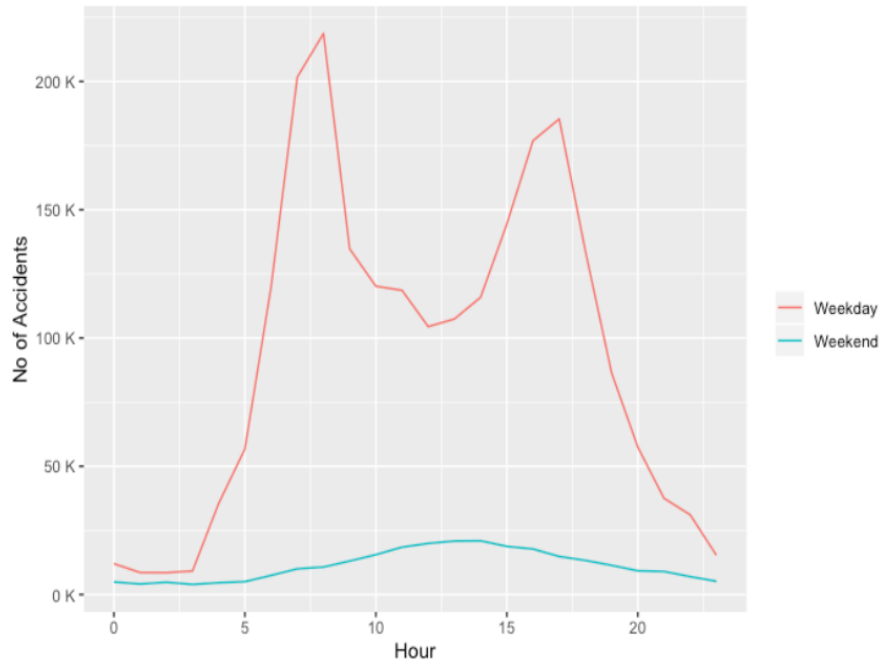
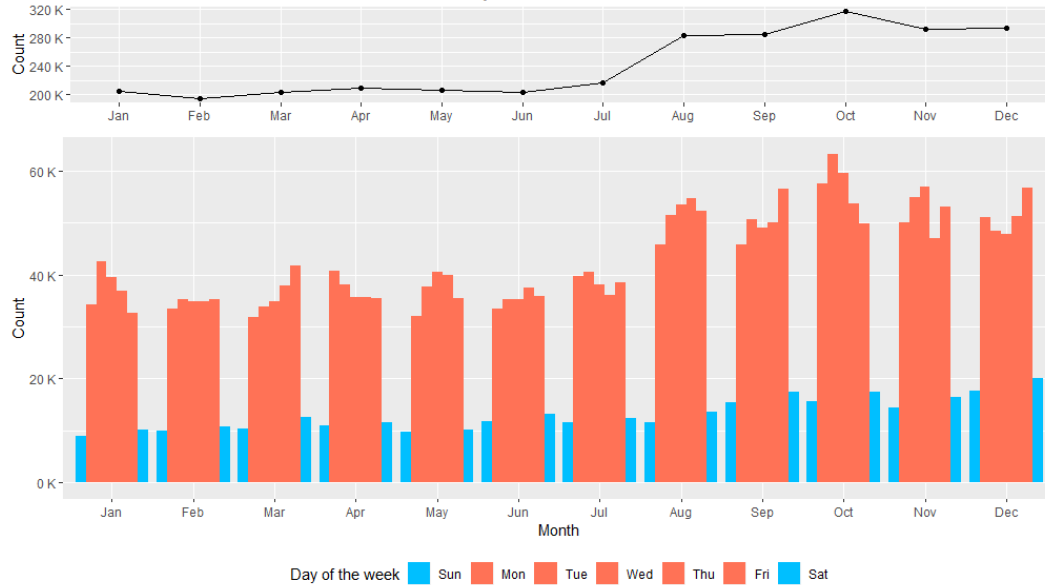


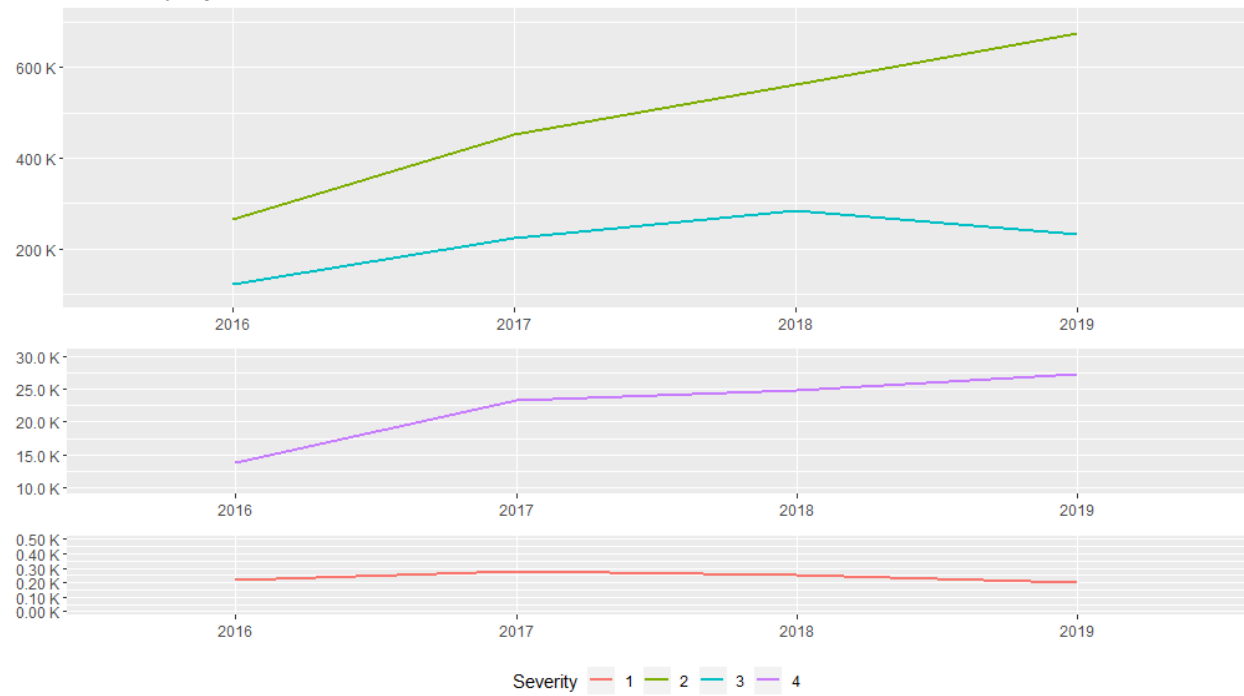
Hourly Distribution of Accidents



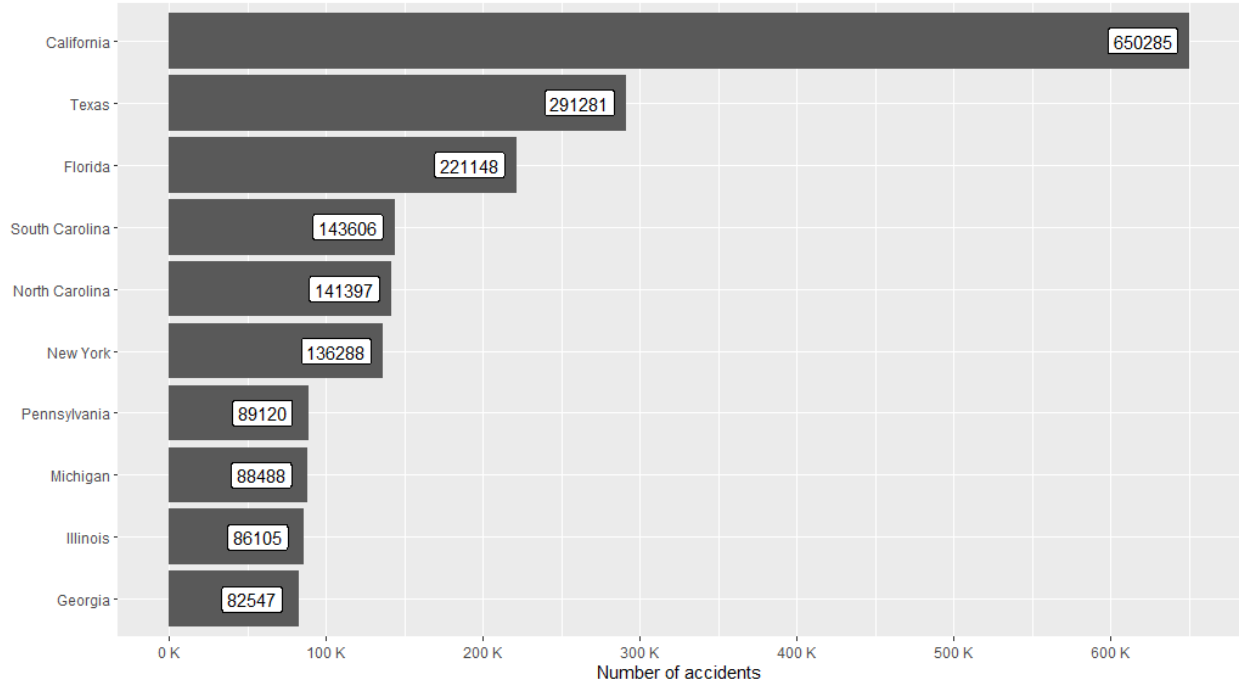
Pattern between accident counts and month & day of the week



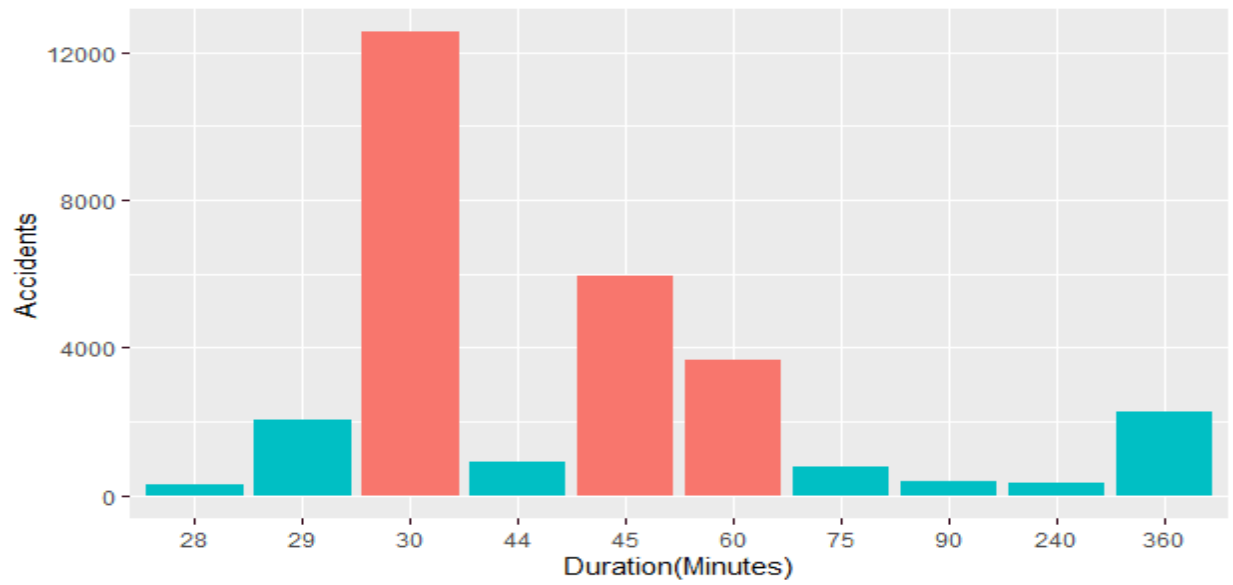
Accidents per year



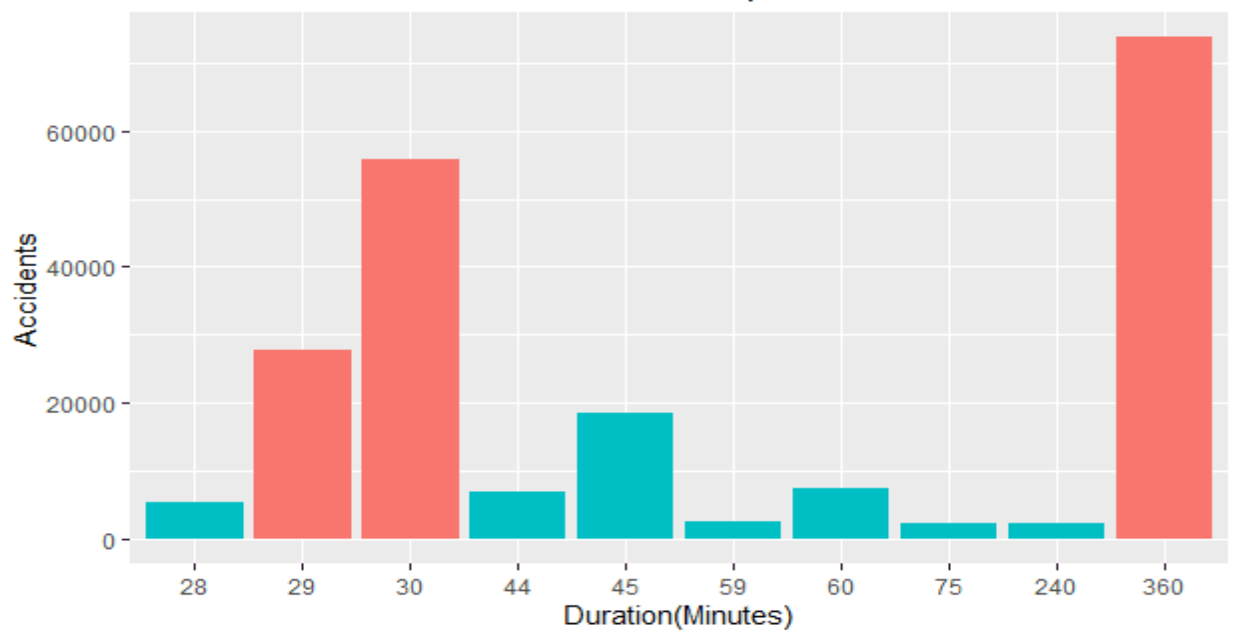
Top 10 States with the most accidents



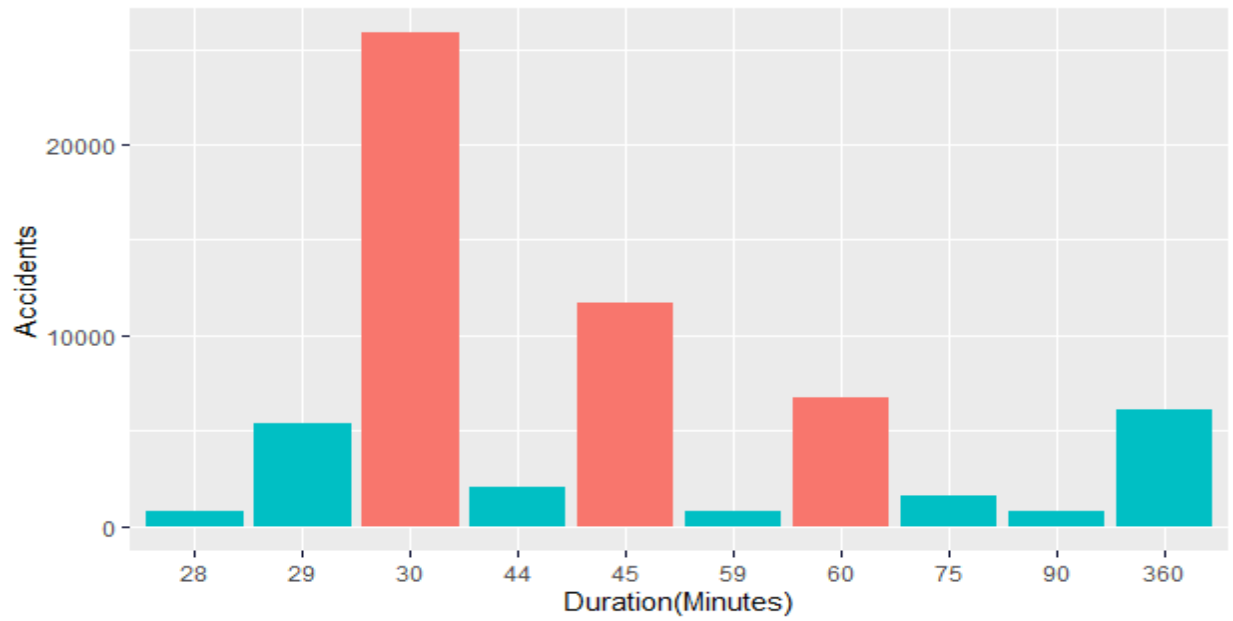
Duration of accident where Amenity shops exist



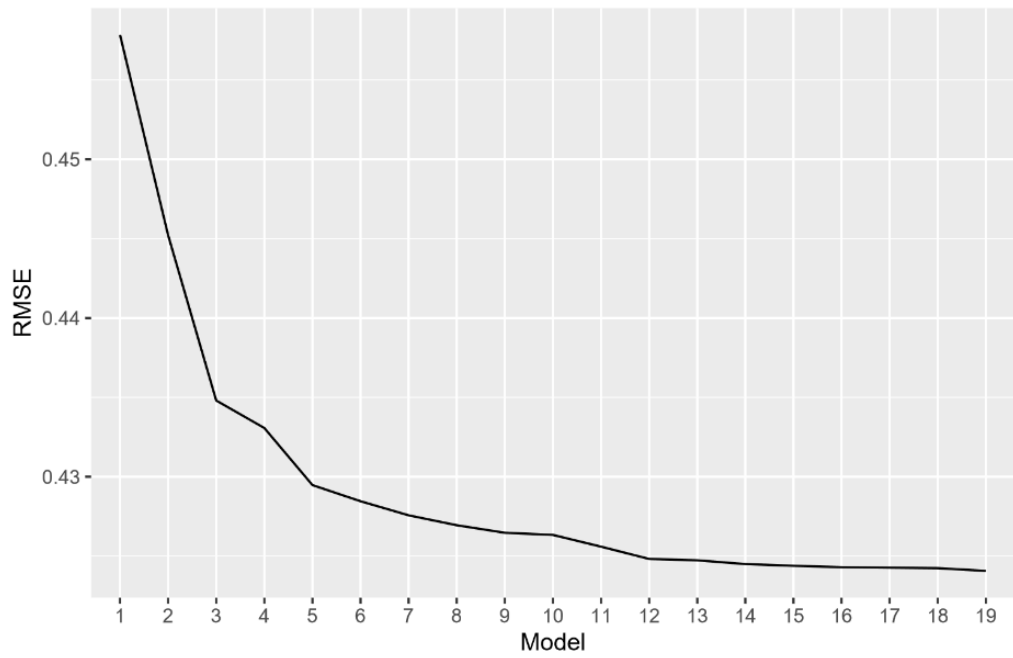
Duration of accident where Junction is present

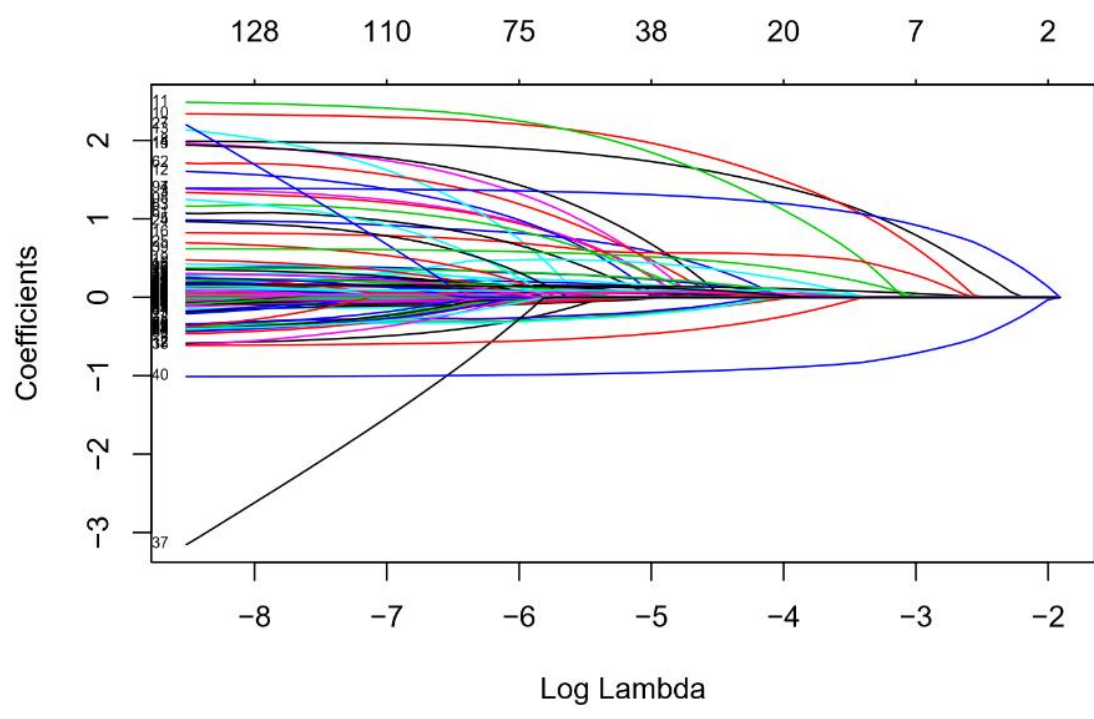
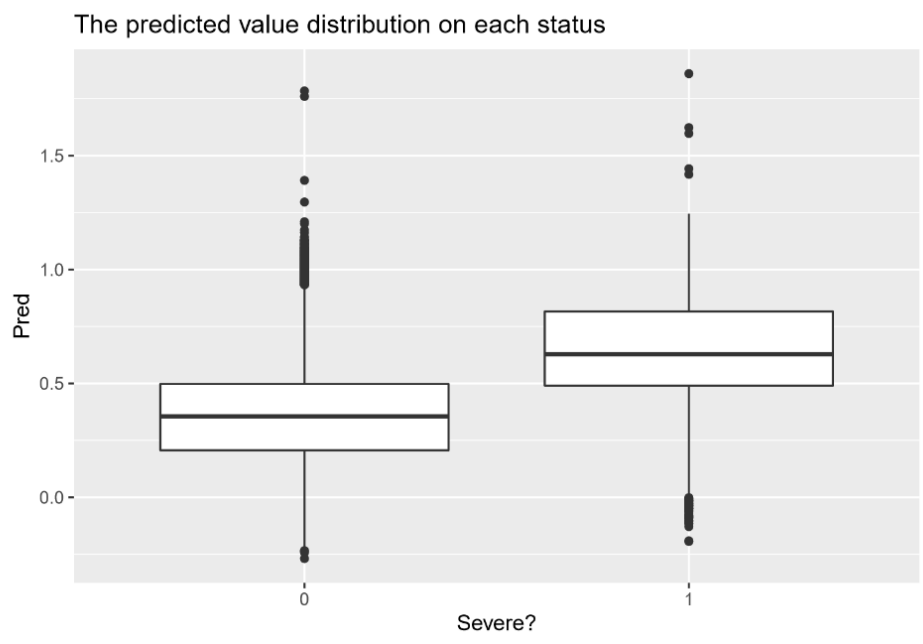


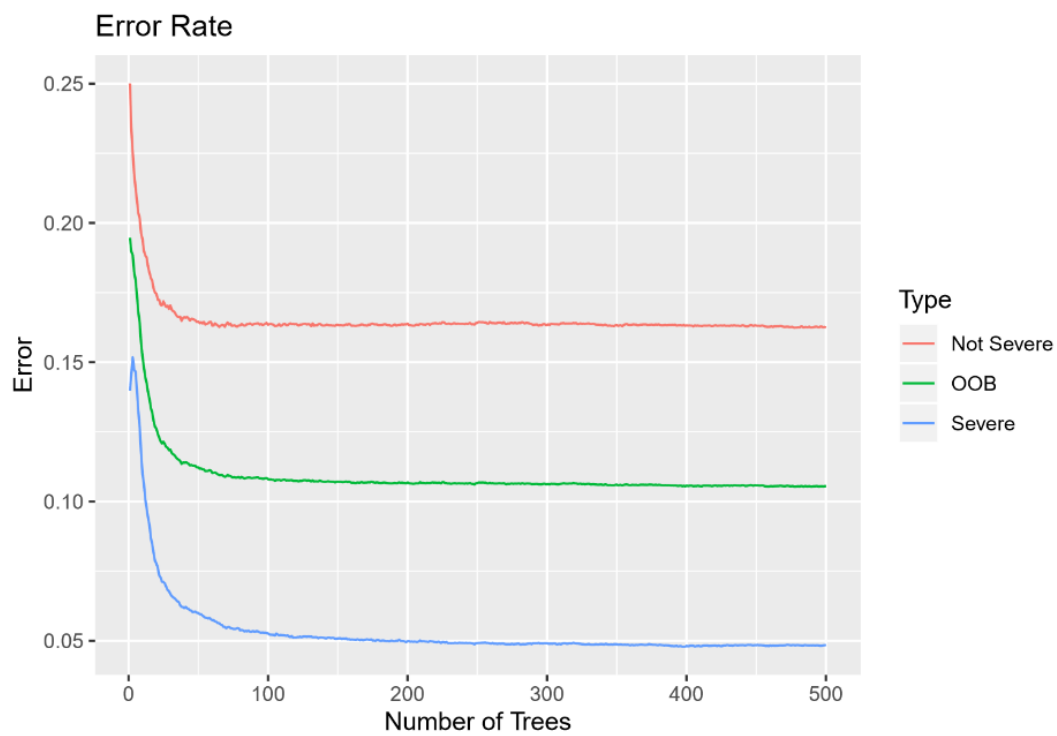
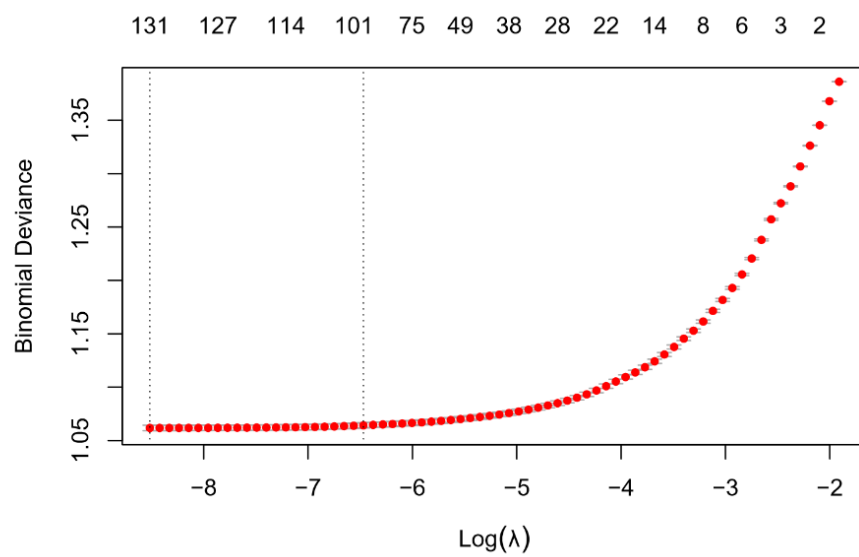
Duration of accident where Station/Railway is present

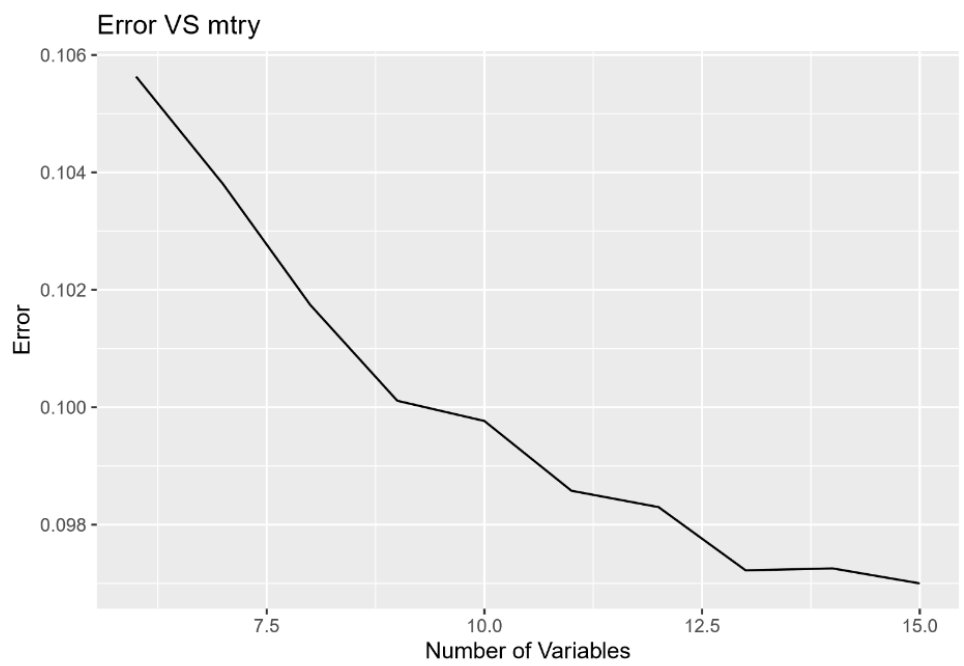


RMSE of each model









	logistic regression (cutoff is 0.5)	sparse logistic regression (cutoff is 0.5)	decision tree	random forest
accuracy	0.6723235	0.7086471	0.737066	0.8540312
sensitivity	0.6557434	0.6747925	0.7062519	0.8353701
specificity	0.7356831	0.7908939	0.8087898	0.8914362