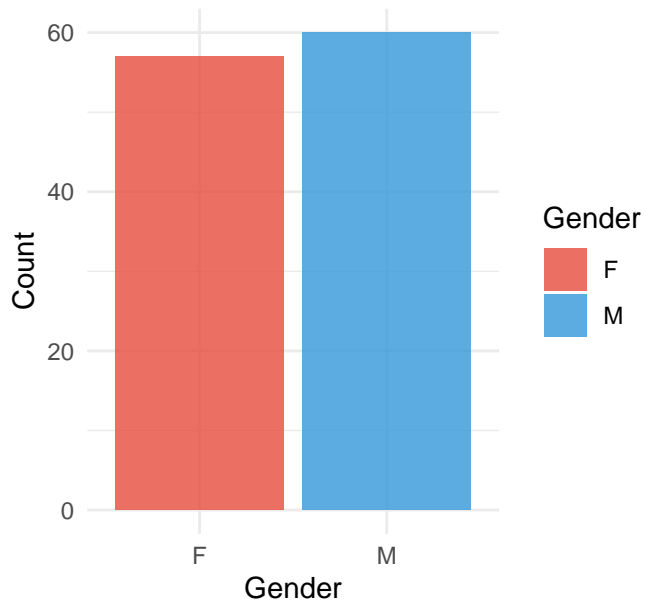


## Gender Distribution



Social Media (Instagram, Facebook, Snapchat, etc.), YouTube / OTT (Netflix, Prime, etc.), Messaging / Texting Apps (WhatsApp,

Social Media (Instagram, Facebook, Snapchat, etc.), YouTube / OTT (Netflix,

Social Media (Instagram, Facebook,

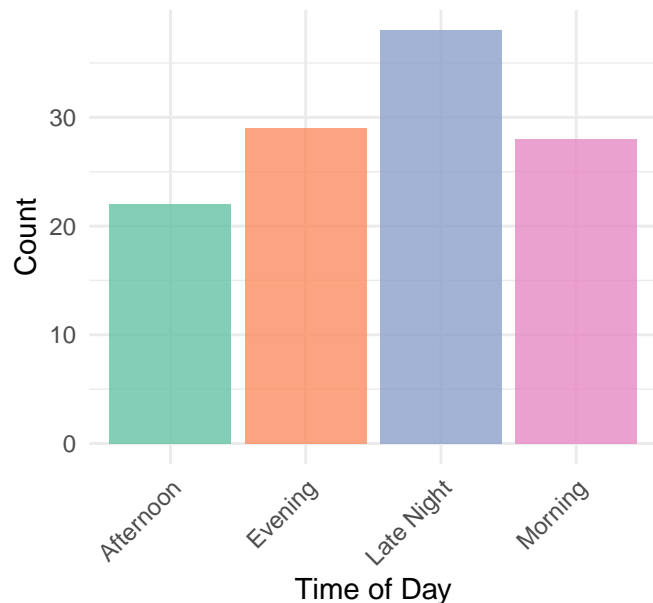
Social Media (Instagra

YouTube / OTT (Netflix, Prime, etc.), Messaging / Texting Ap

Social Media (Instagra

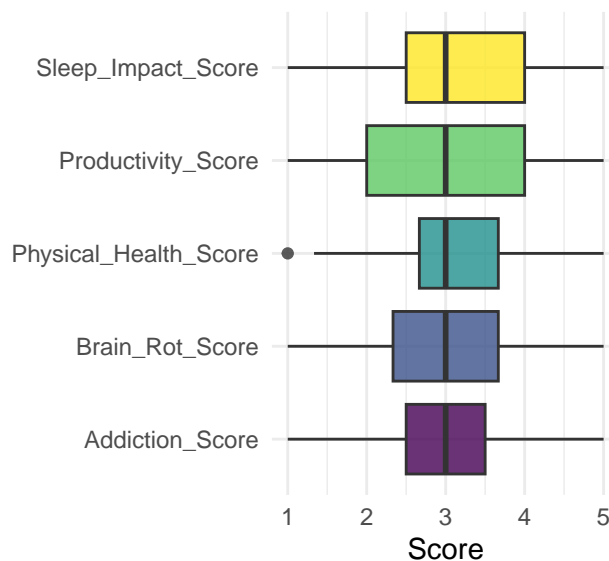
Social Media (Instagram, Facebook, Sna

When Do Students Use Phones Most?

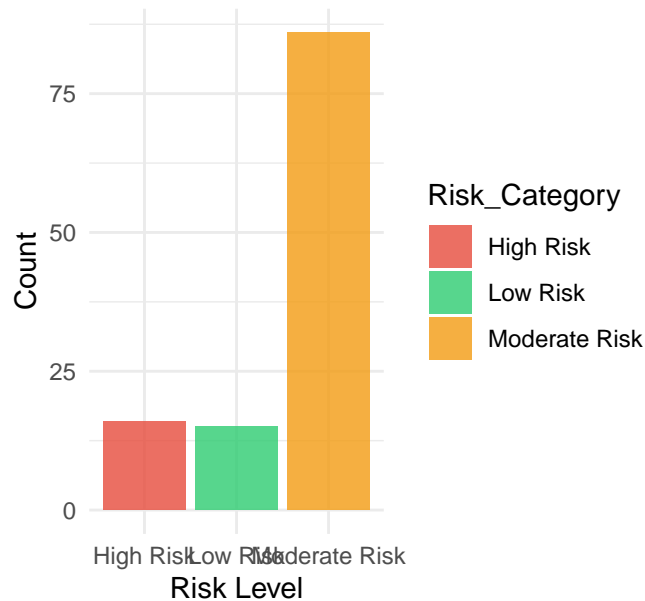


Distribution of Impact Scores

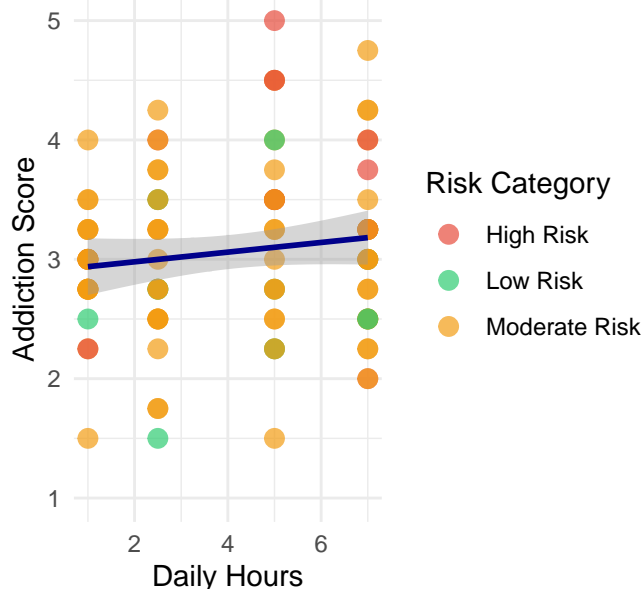
1 = Low Impact, 5 = High Impact



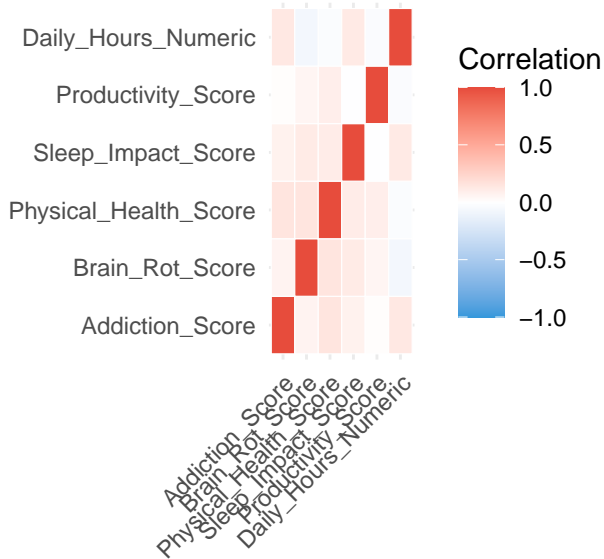
Risk Category Distribution



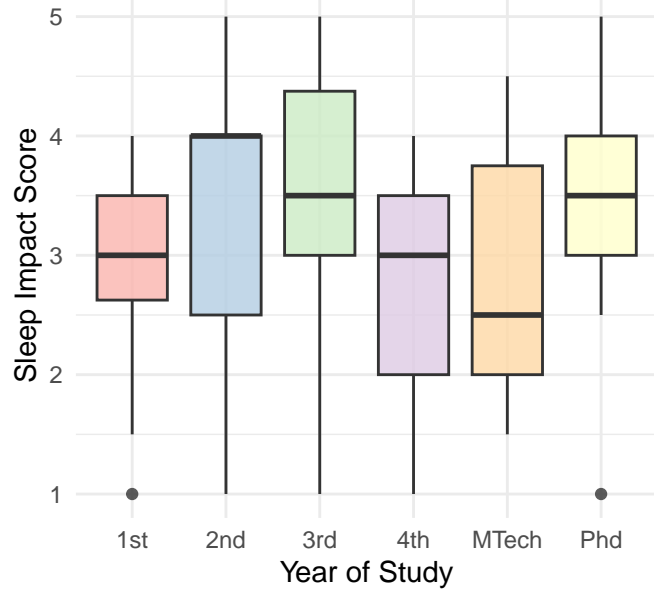
Screen Time vs Addiction Score



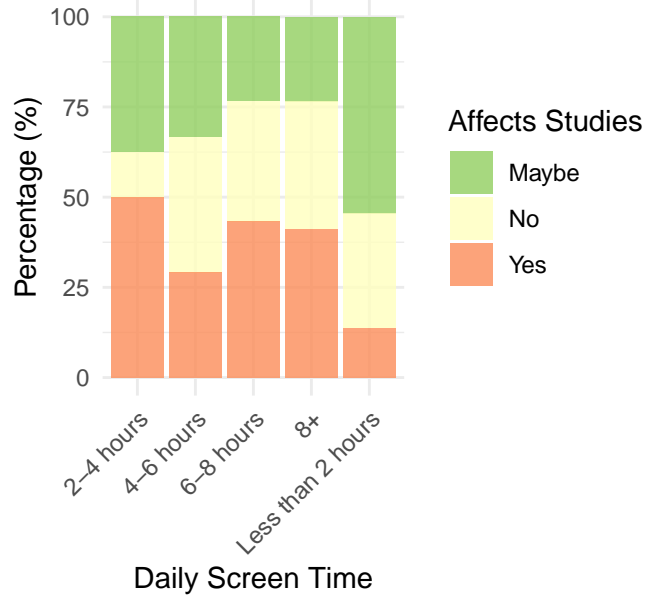
Correlation Heatmap of



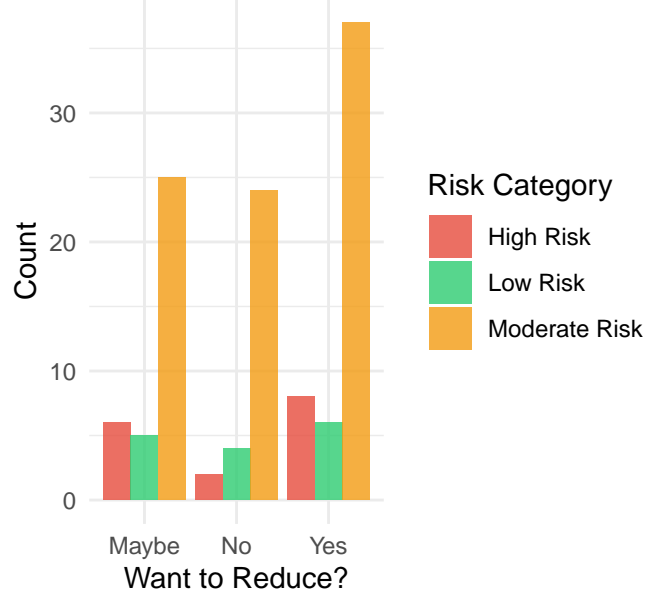
Sleep Impact Score by Year of Study



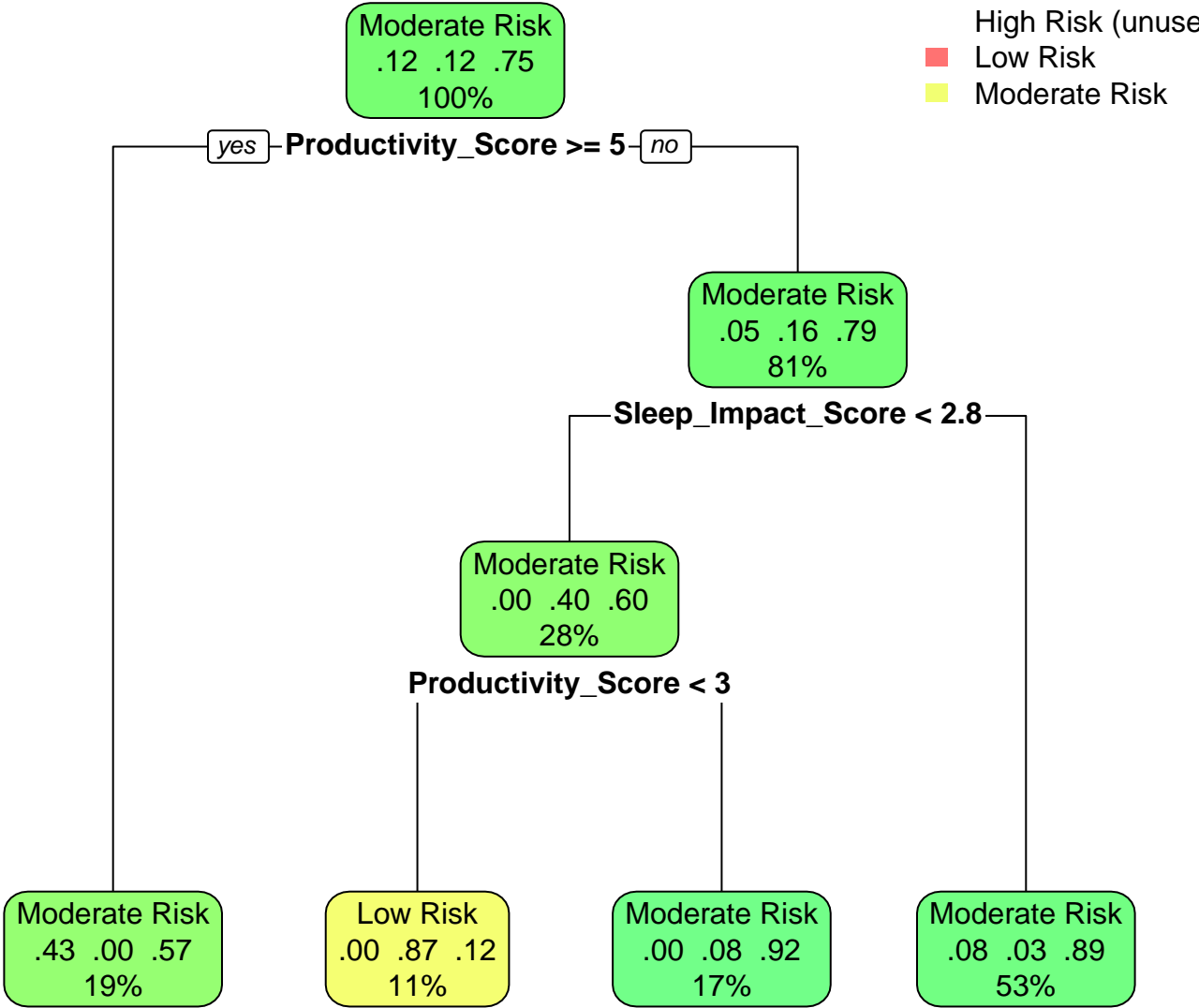
Does Screen Time Affect Studies?



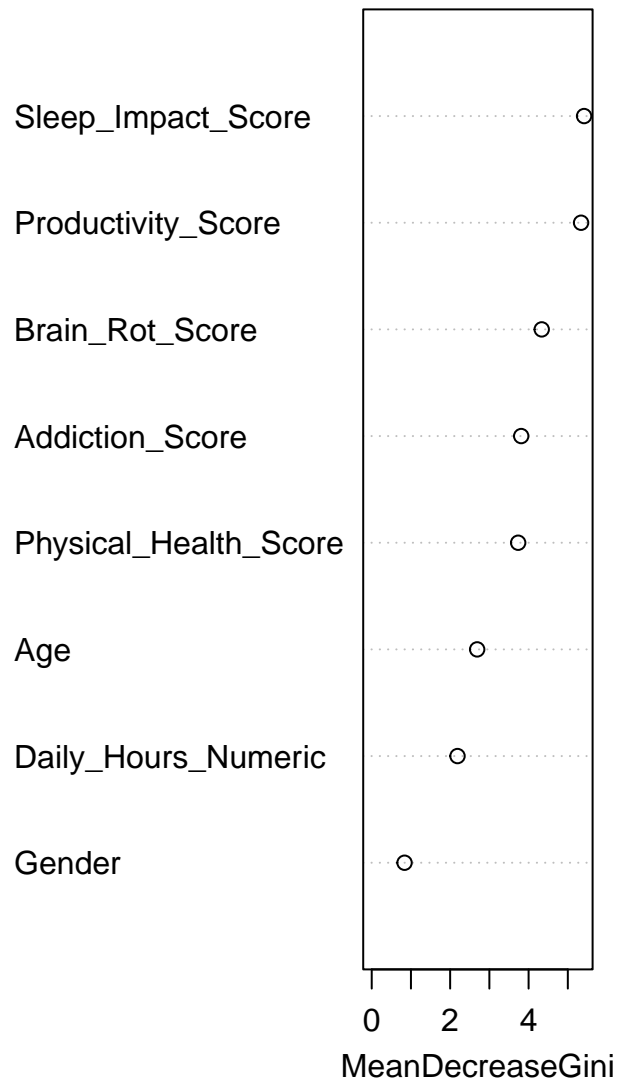
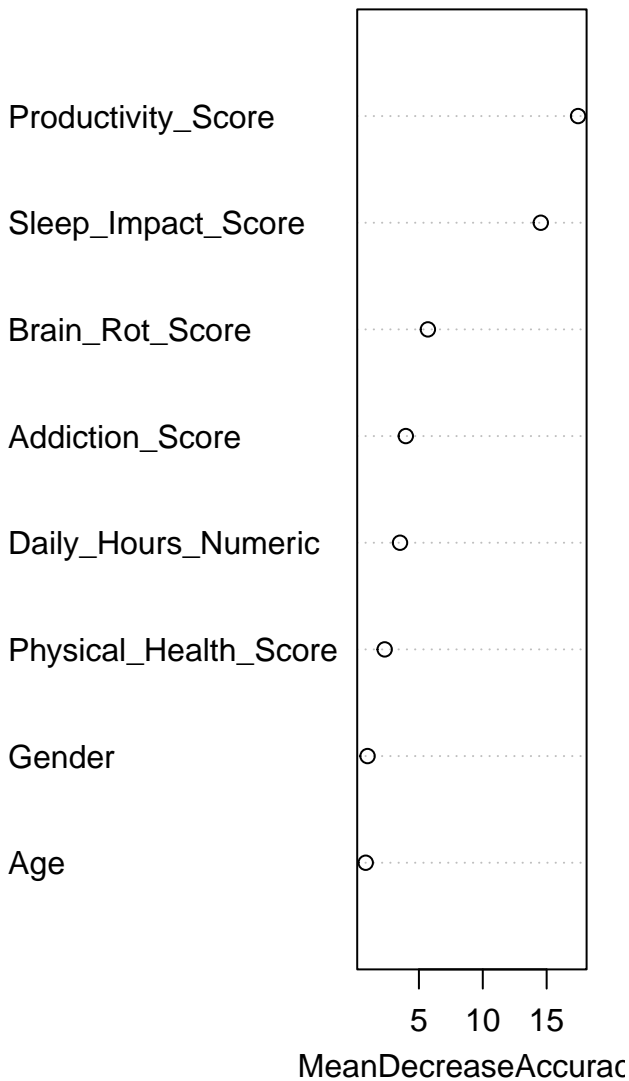
Desire to Reduce Screen Time by Risk



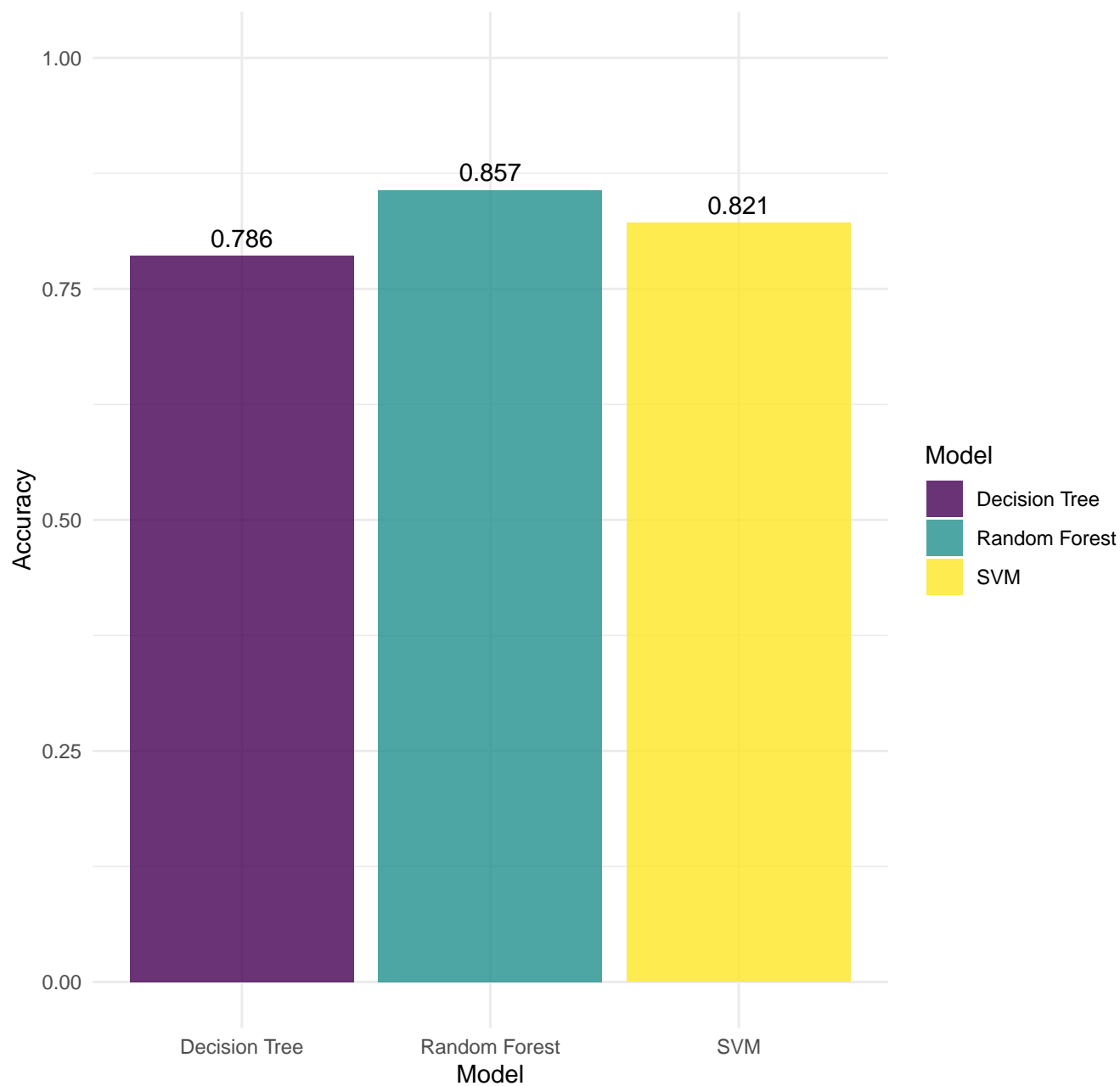
# Decision Tree for Risk Classification



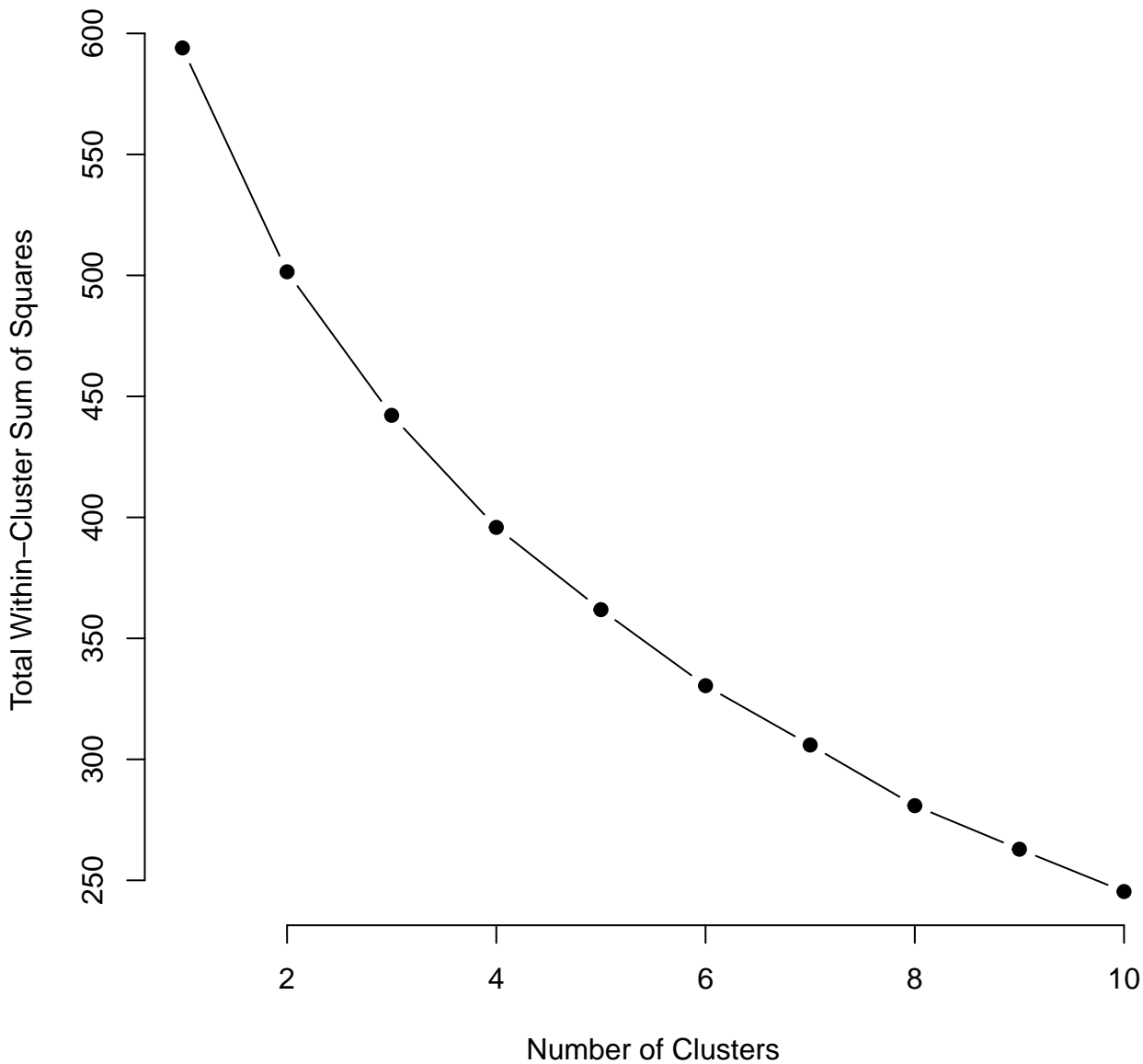
## Variable Importance – Random Forest



Model Performance Comparison



## Elbow Method for Optimal K



K-Means Clustering: Screen Time vs Overall Impact

