

Appendices

A Figures

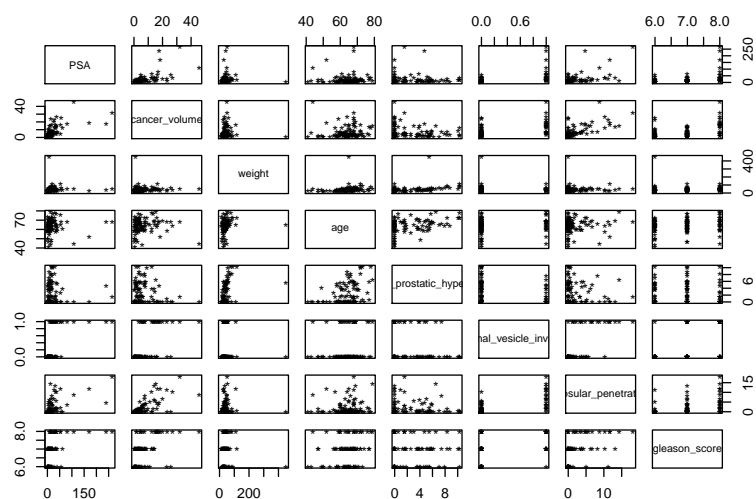


Figure 1: scatter plot of quantitative variables

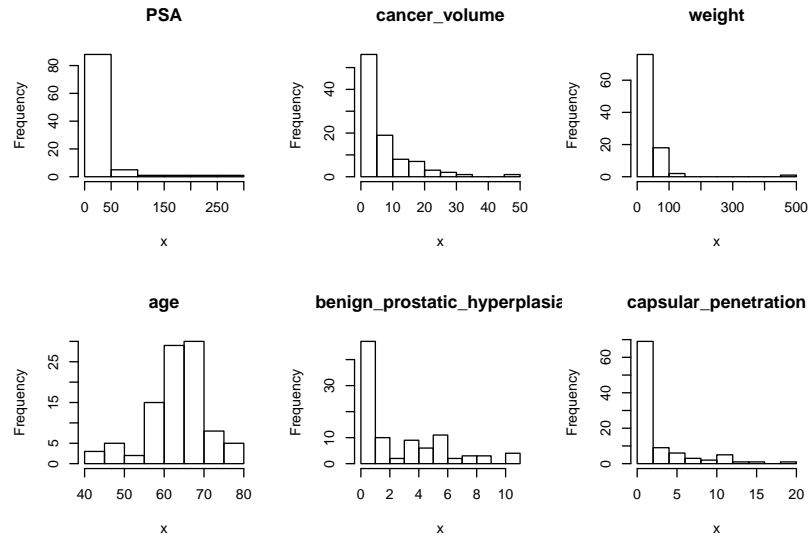


Figure 2: histogram of quantitative variables

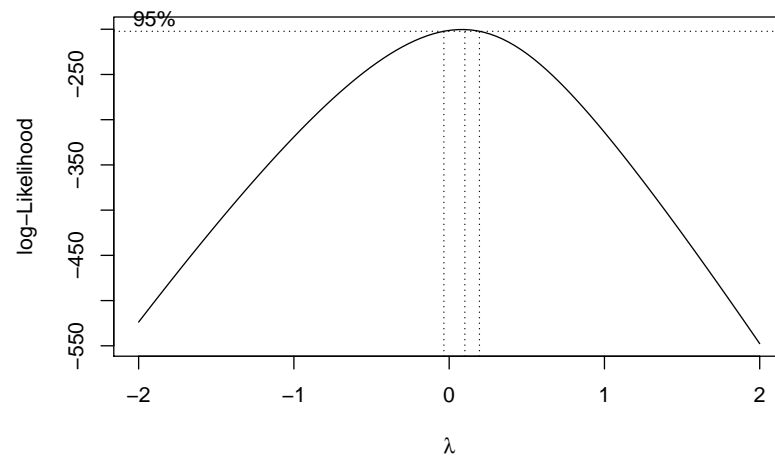


Figure 3: Box-Cox plot of PSA

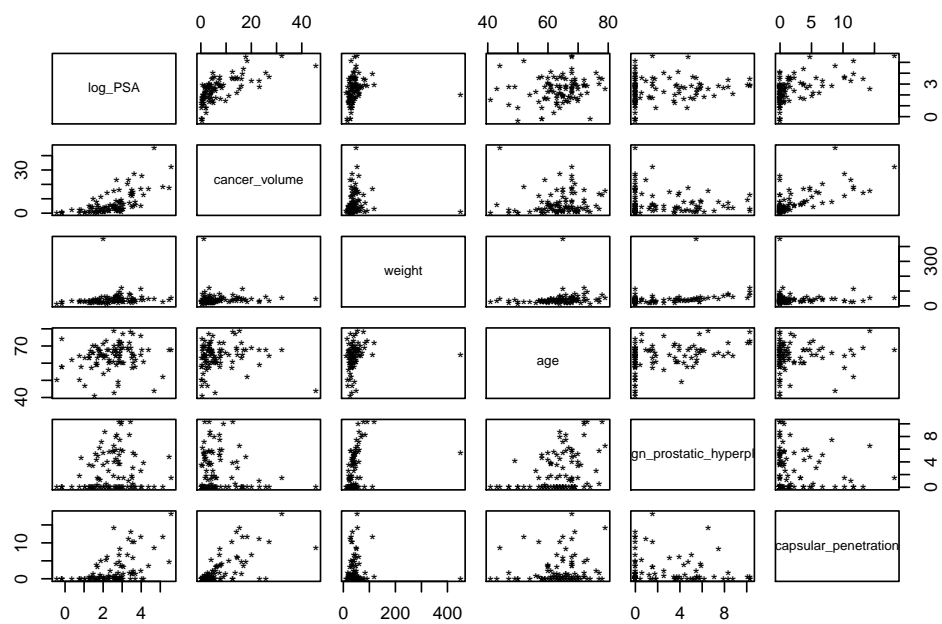


Figure 4: scatter plot of transformed quantitative variables

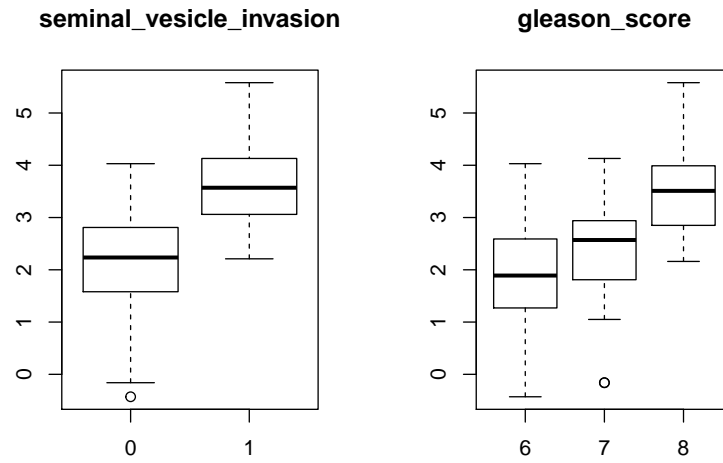


Figure 5: side by side boxplot of qualitative variables

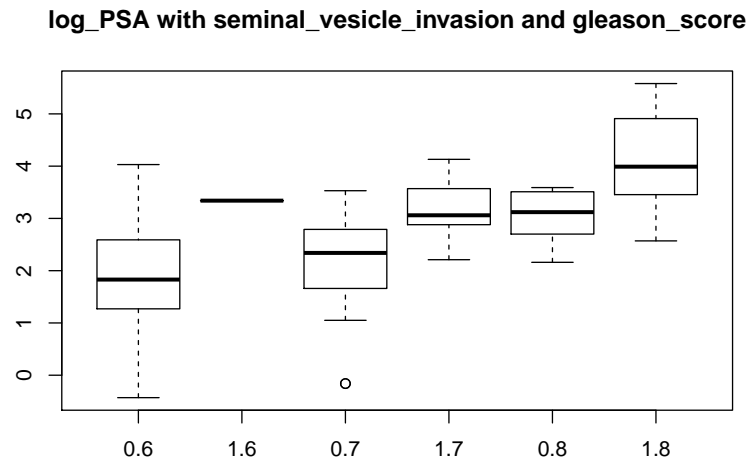


Figure 6: side by side boxplot of interaction qualitative variables

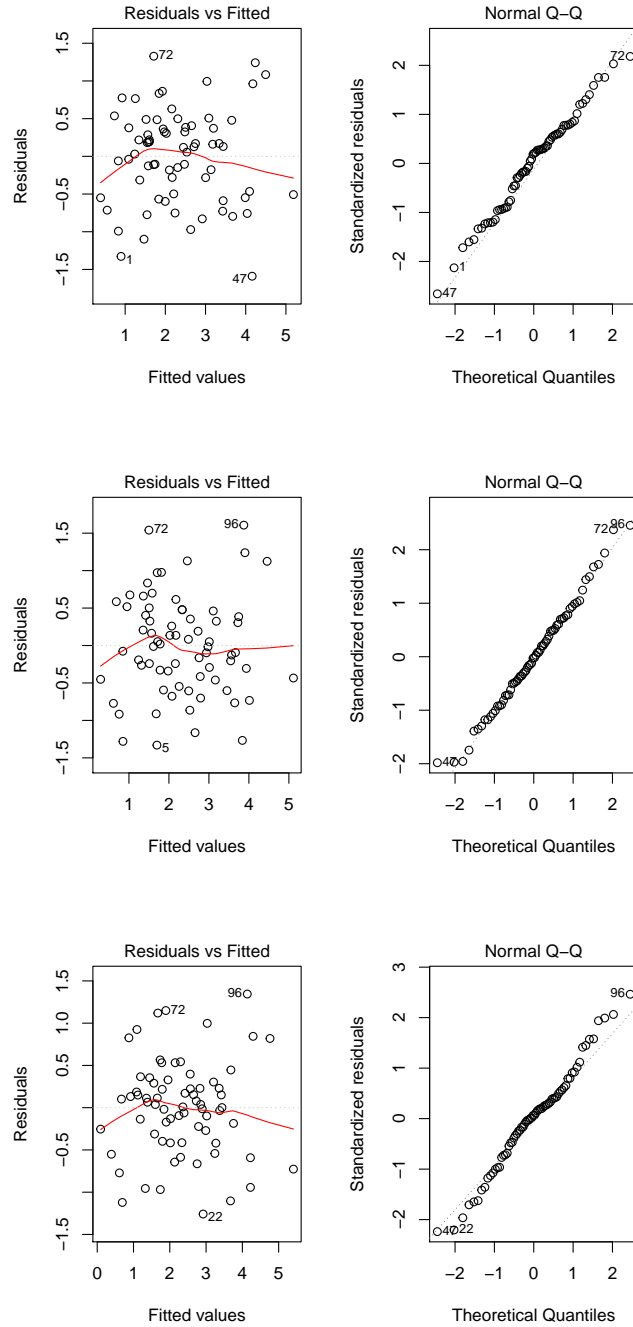


Figure 7: residual plots and qqplots of model 1, 2, 3

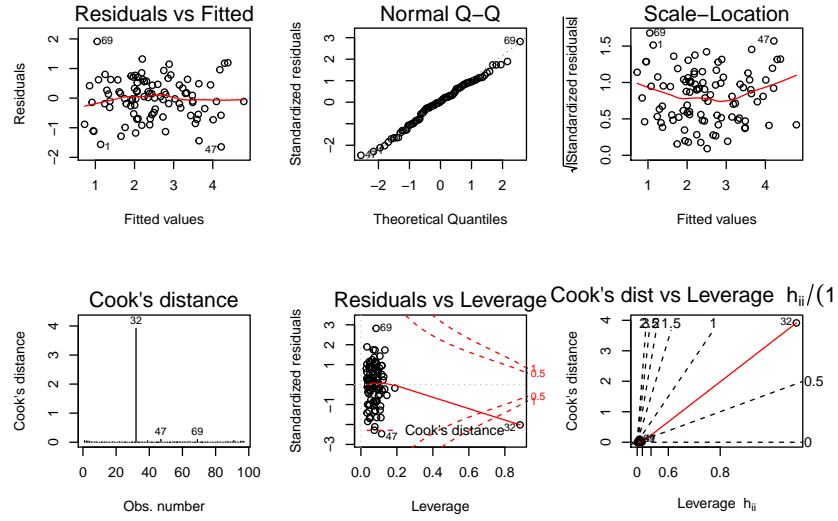


Figure 8: model diagnostics of final model

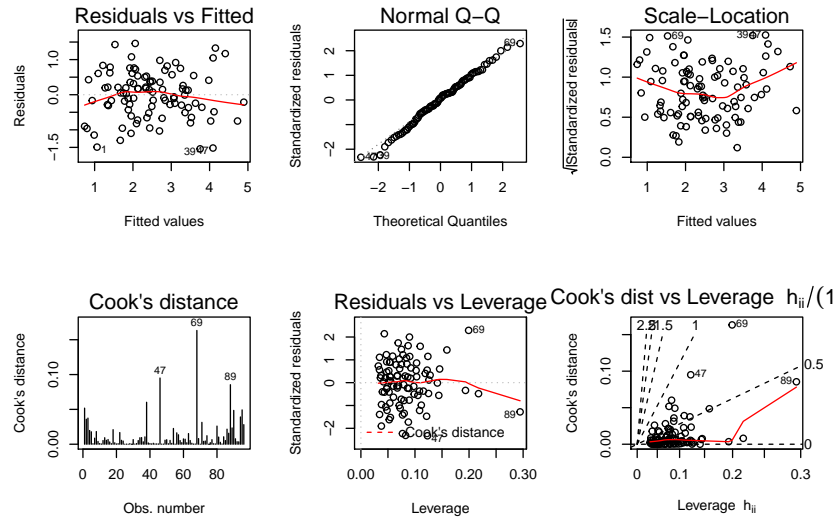


Figure 9: model diagnostics of final model (with 32th observation deleted)