Cars MPG Analysis

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Executive summary

This paper analyzes the influence of varios car characteristics on fuel economy (measured as miles per galon of fuel).

Exploratory Data Analysis

Formal modelling

Simple model (automatic/manual only)

Inclusion of possible confounding variables

Best model selection

Here perform a likelihood ratio test

Uncertainty measures

Analysis of residuals

Here plot the residuals

Confidence intervals for predictor variables

Specify here the confidence intervals for those variables

Conclusions and interpretation

Interpret the outcome of the model