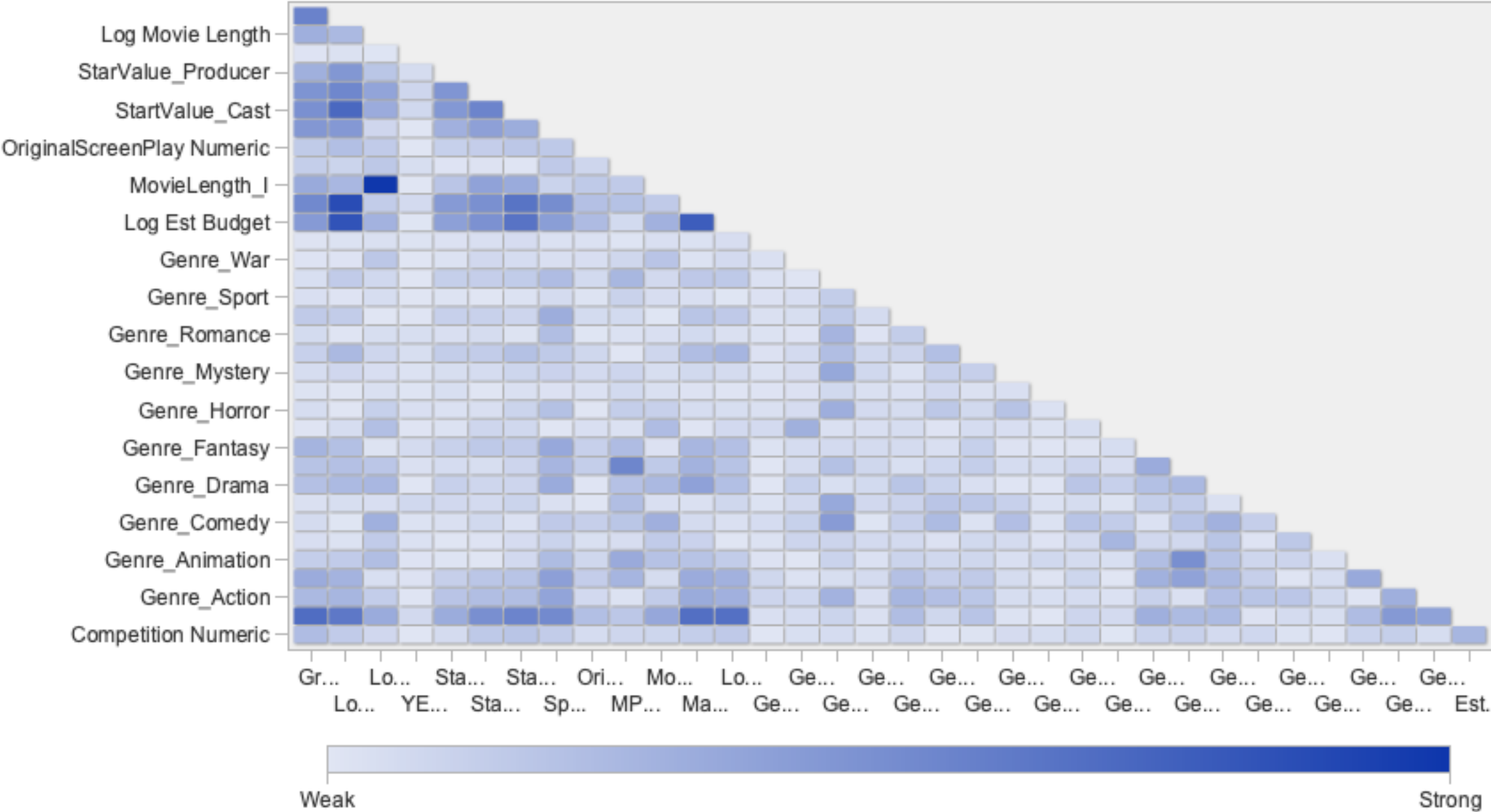


Capstone 1

Creation date: Thursday, 17 October 2019

Author: Anthony Lighterness

Correlation of selected measures

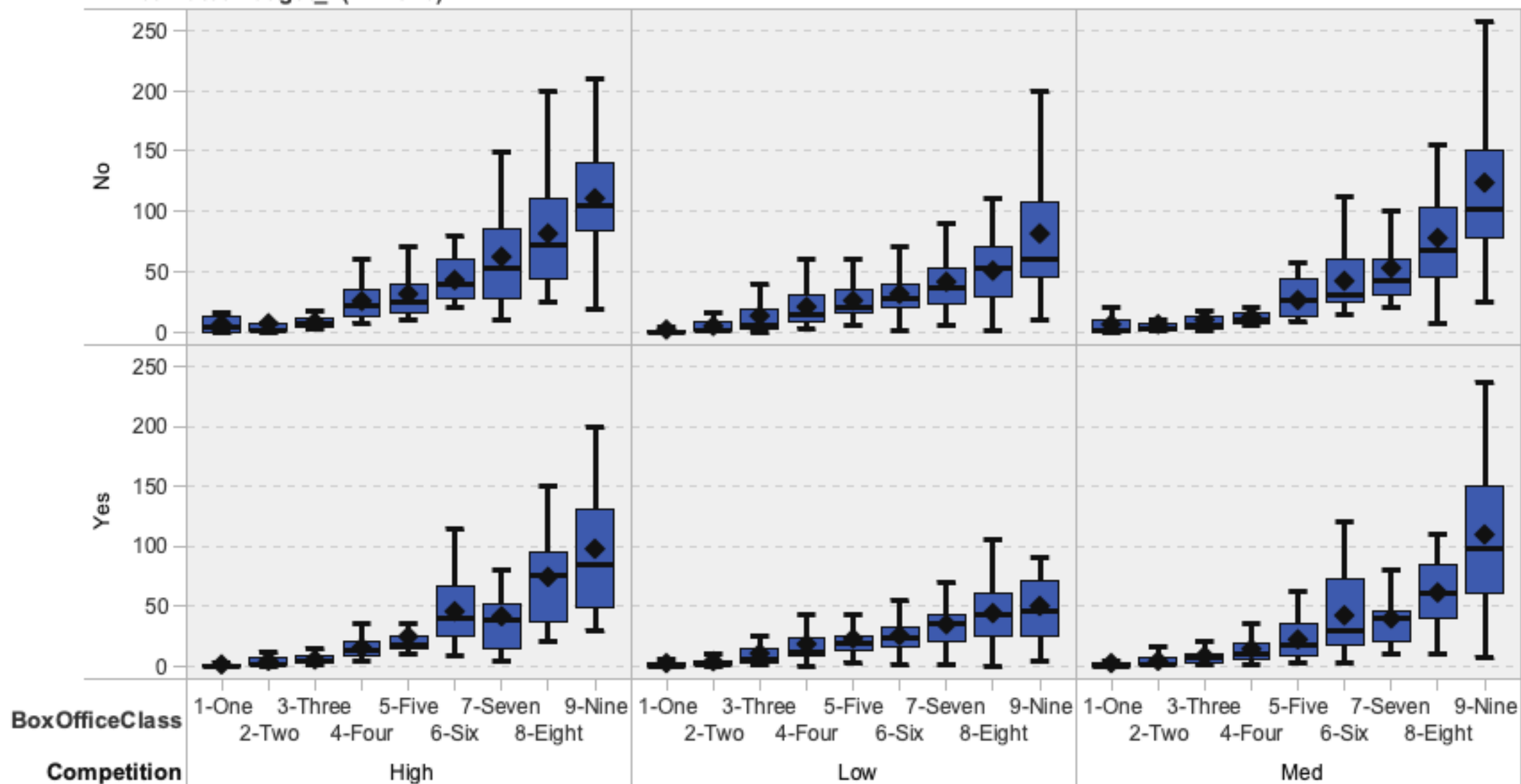


Filters: None
Ranks: None

EstimatedBudget_I by BoxOfficeClass

OriginalScreePlay

EstimatedBudget_I (millions)



Filters: None

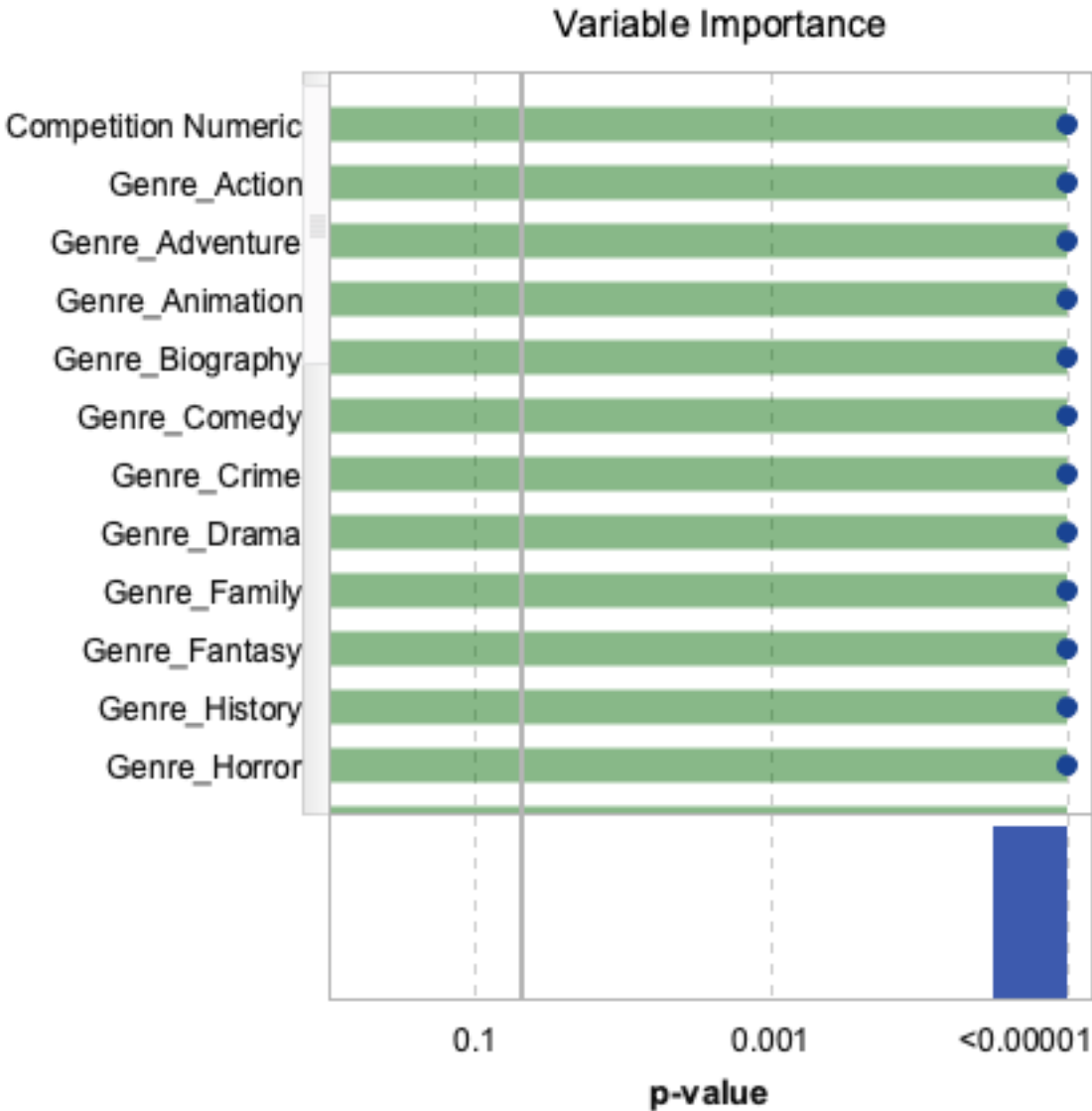
Ranks: Top 9 of BoxOfficeClass (including ties) by Frequency

GrossBoxOffice

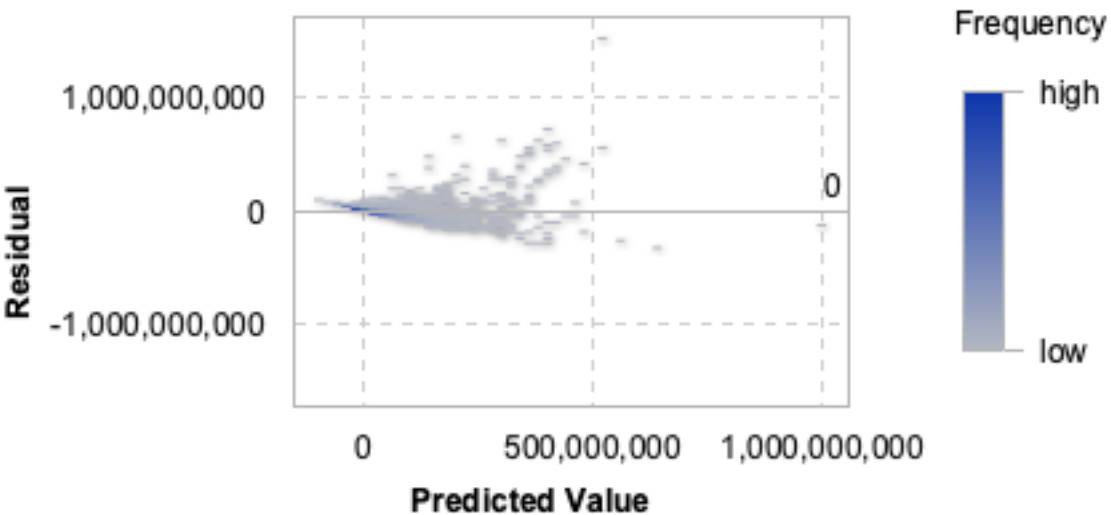
AIC 91,658.97

Observations Used: 2,330

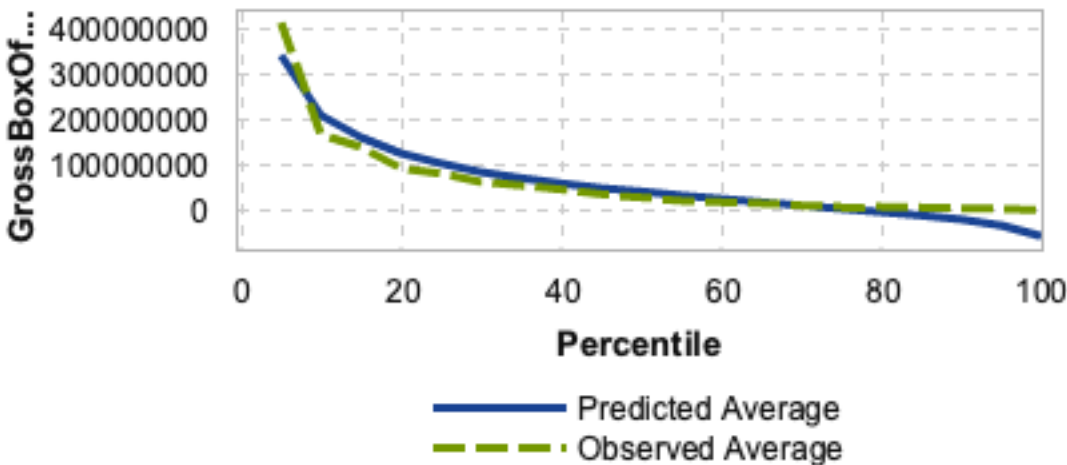
Fit Summary



Residual Plot



Assessment



Filters: None

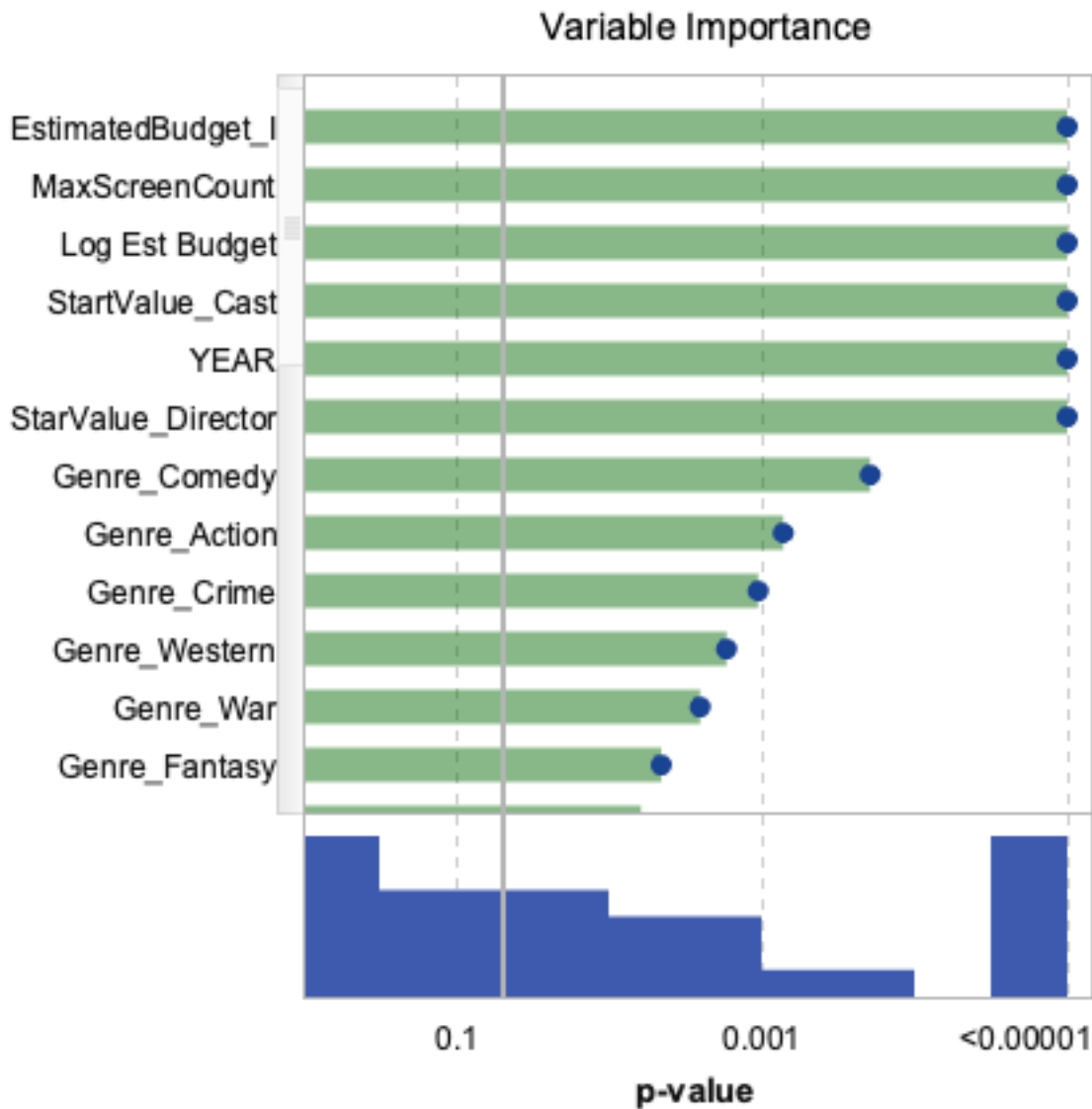
Ranks: None

GrossBoxOffice

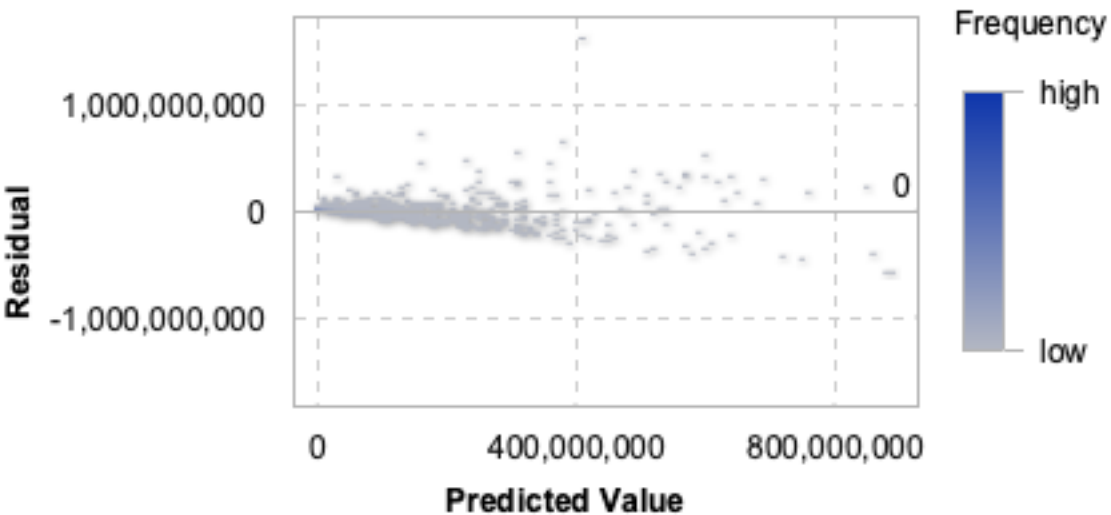
AIC 82,396.72

Observations Used: 2,330

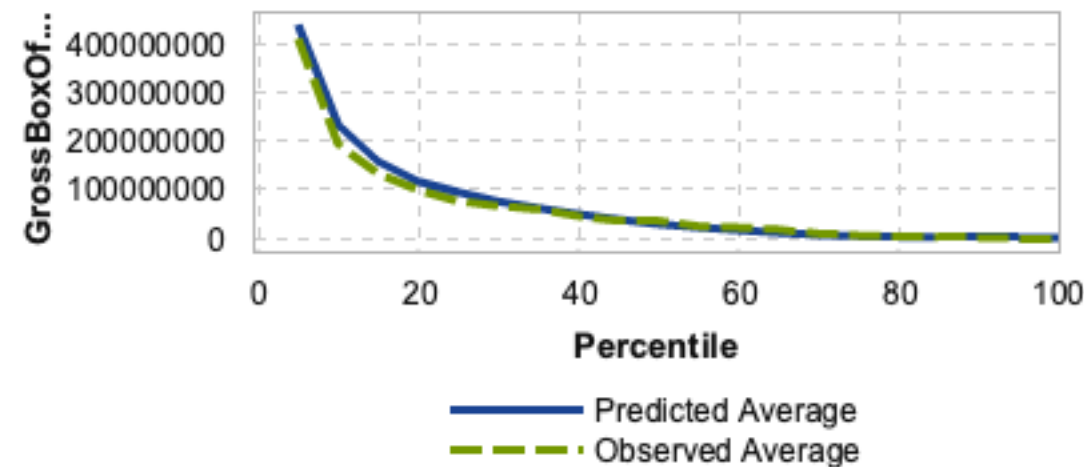
Fit Summary



Residual Plot



Assessment



Filters: None

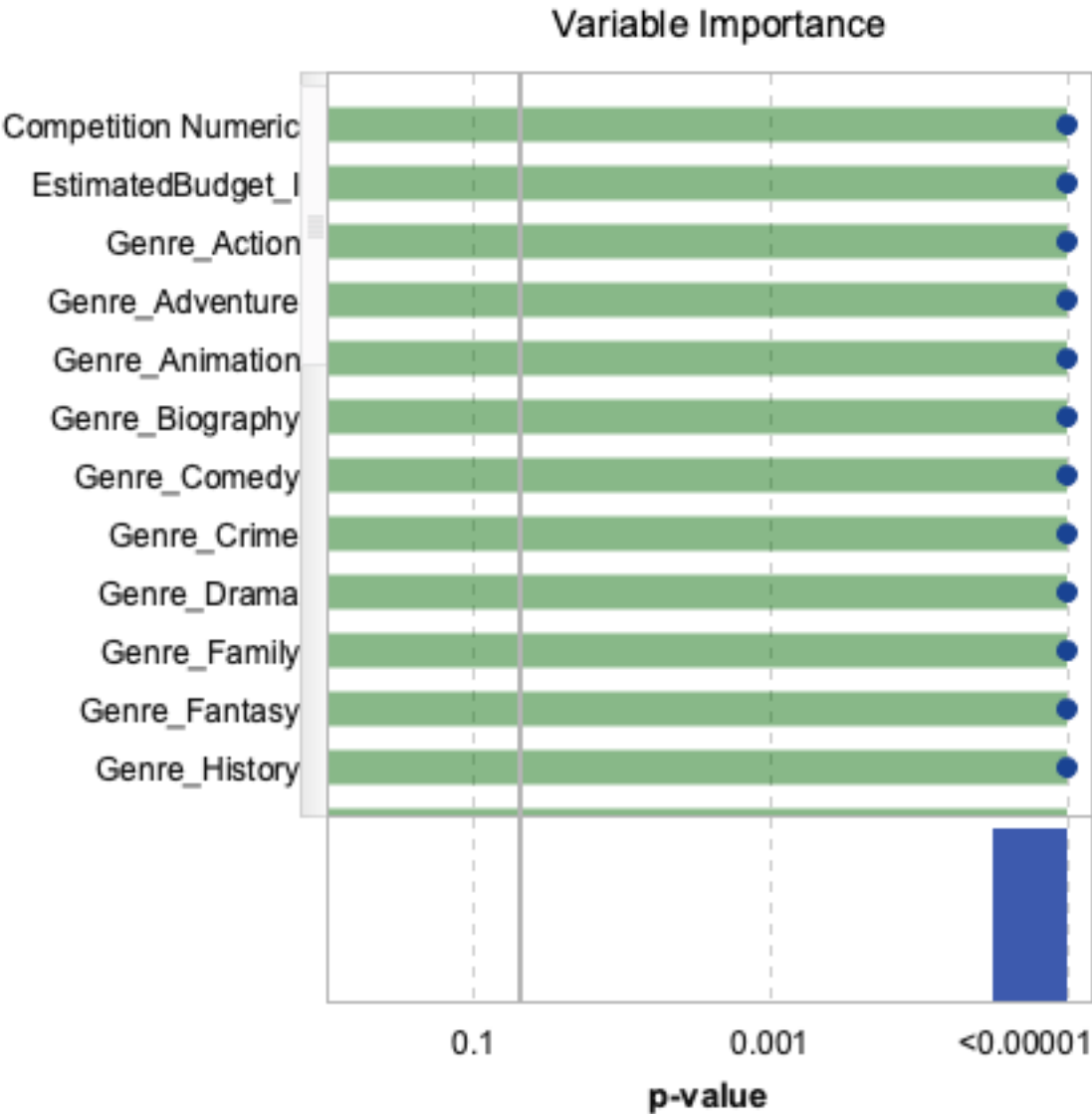
Ranks: None

GrossBoxOffice

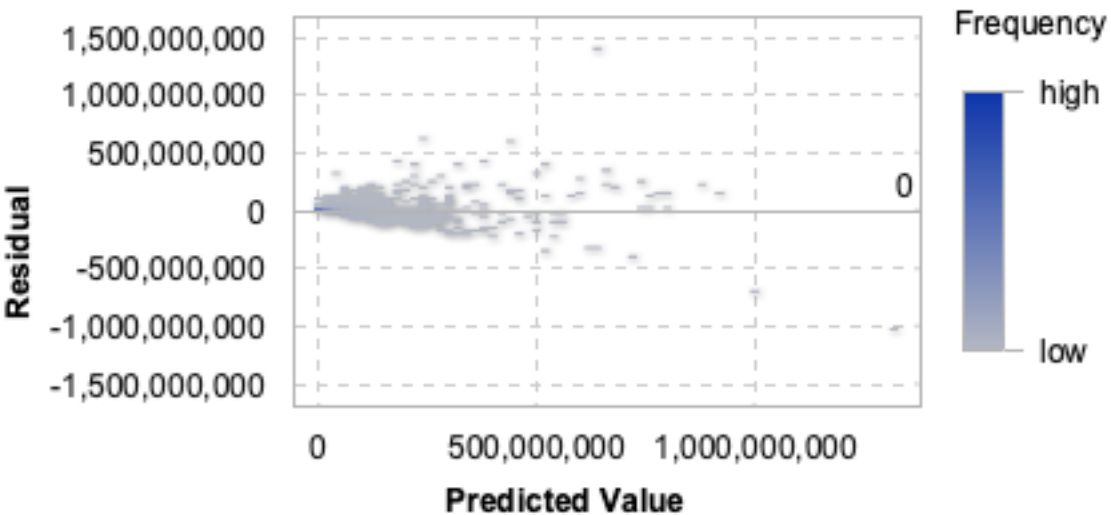
AIC 49,134,316,583.07

Observations Used: 2,330

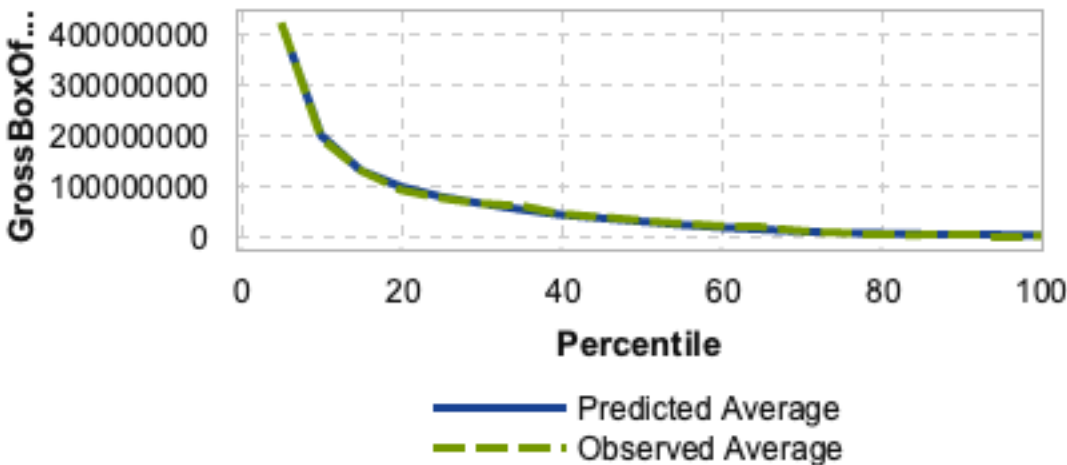
Fit Summary



Residual Plot



Assessment

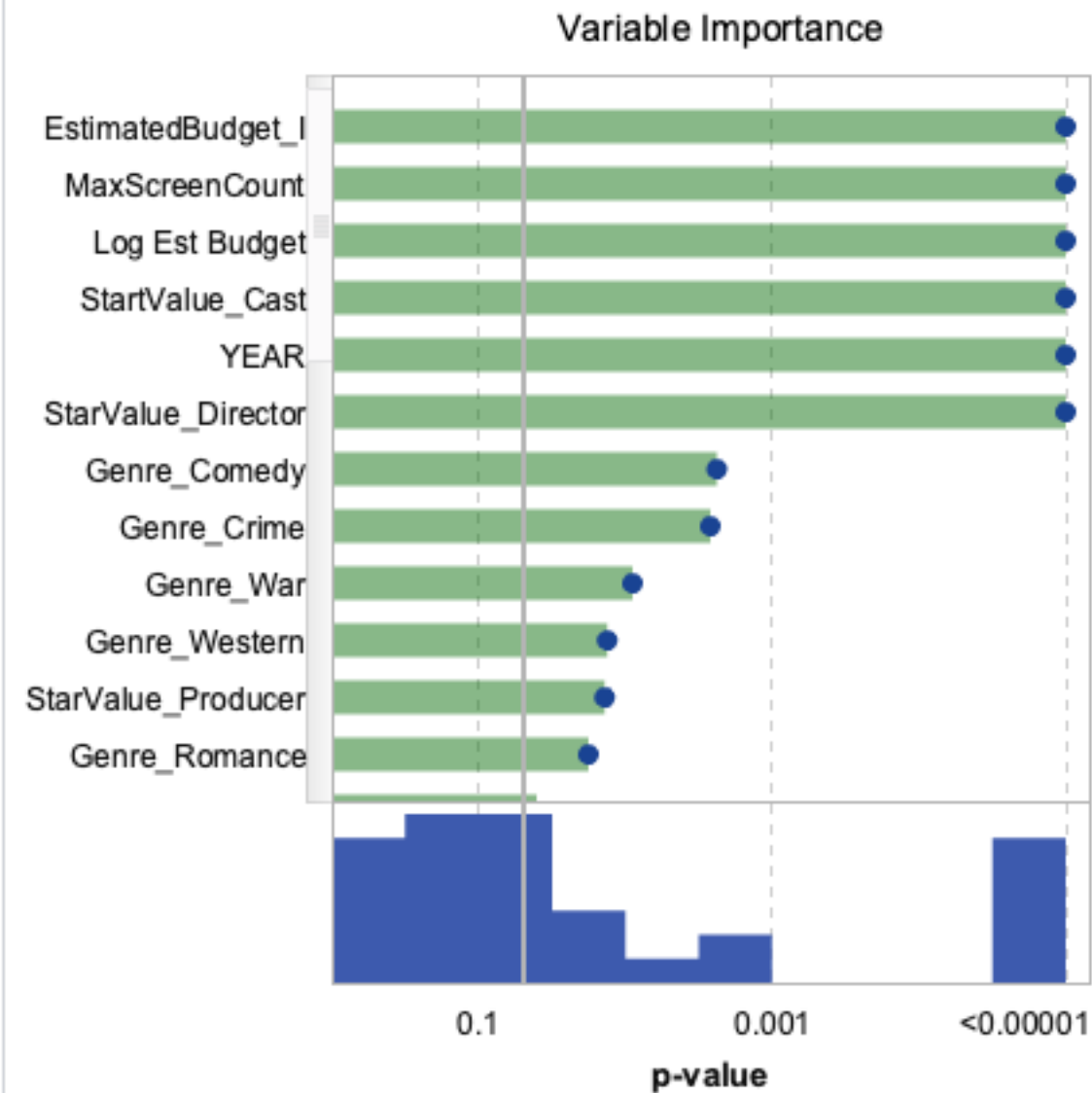


Filters: None

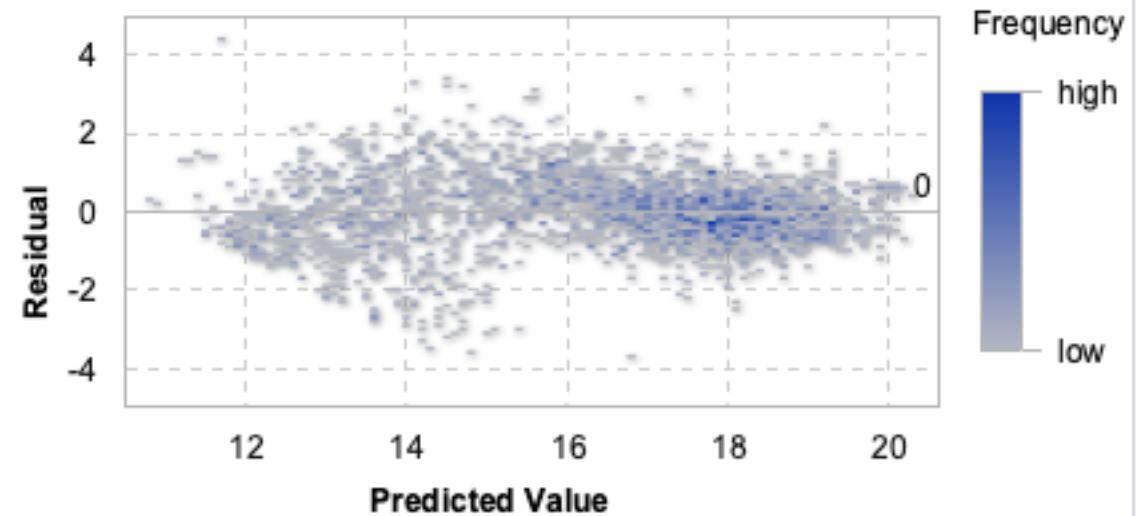
Ranks: None

Log Gross Box Office AIC 6,149.82 Observations Used: 2,330

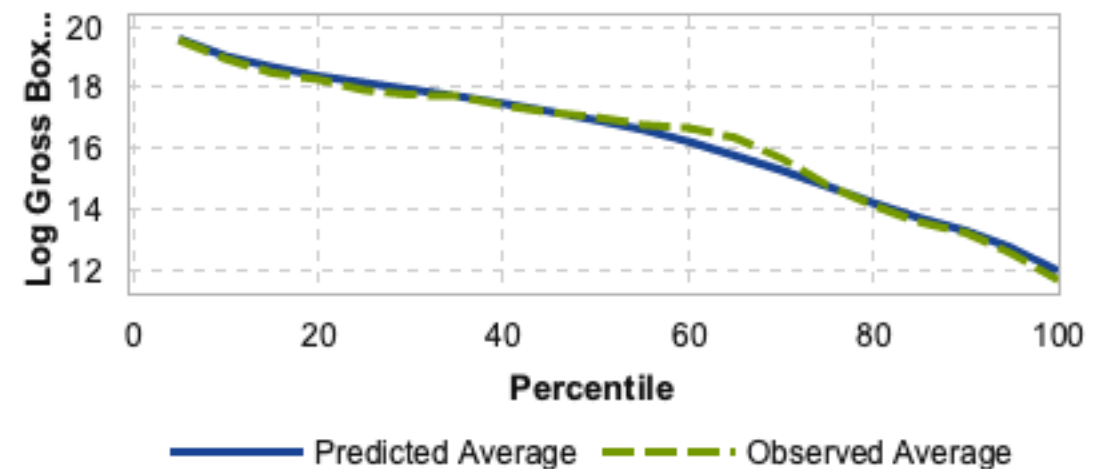
Fit Summary



Residual Plot



Assessment

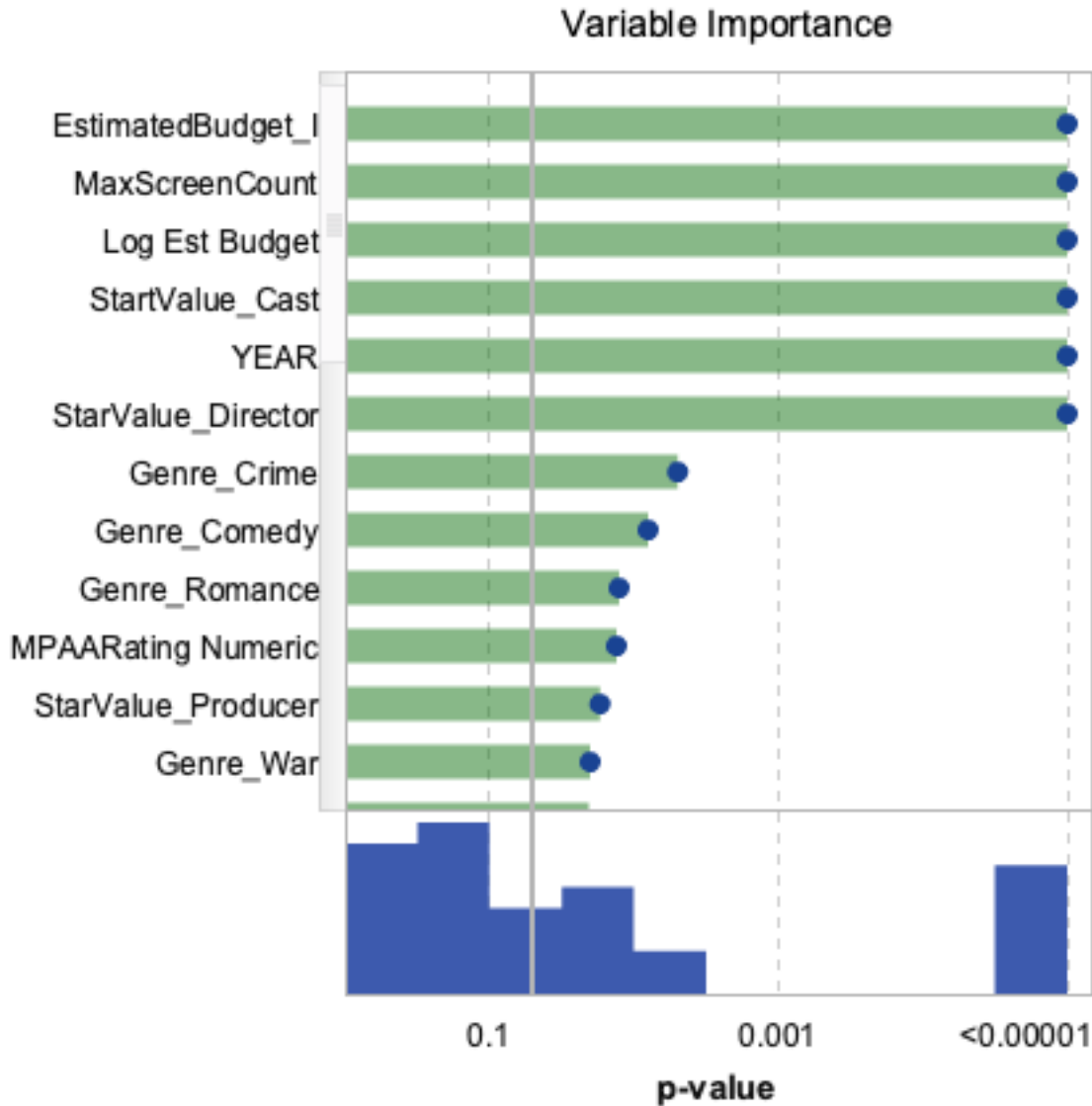


Filters: None

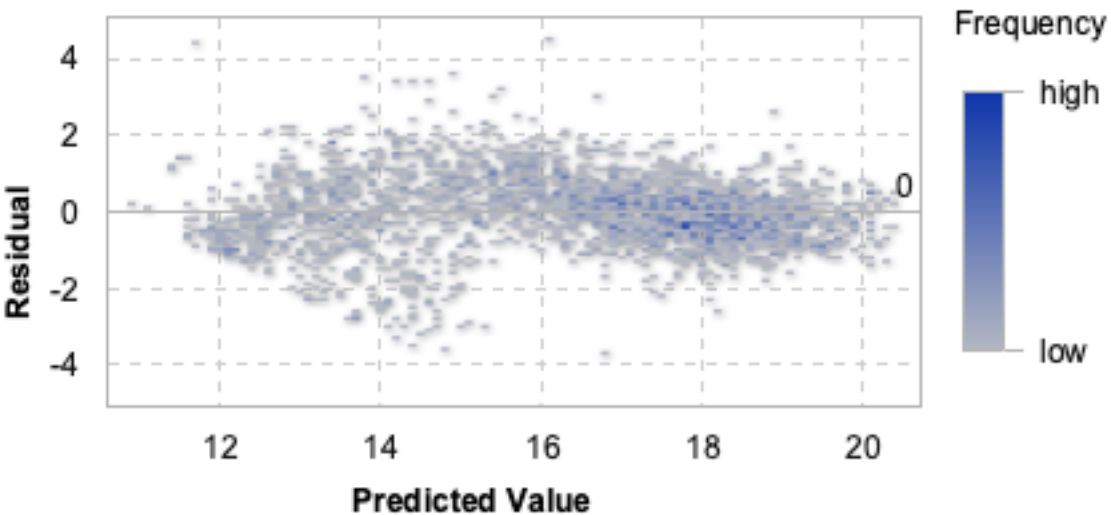
Ranks: None

Log Gross Box Office AIC 6,649.23 Observations Used: 2,330

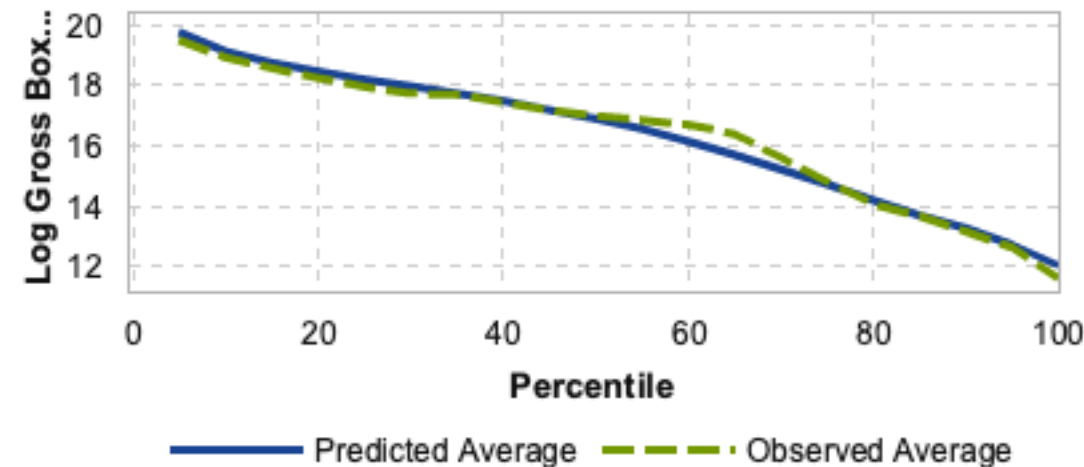
Fit Summary



Residual Plot



Assessment

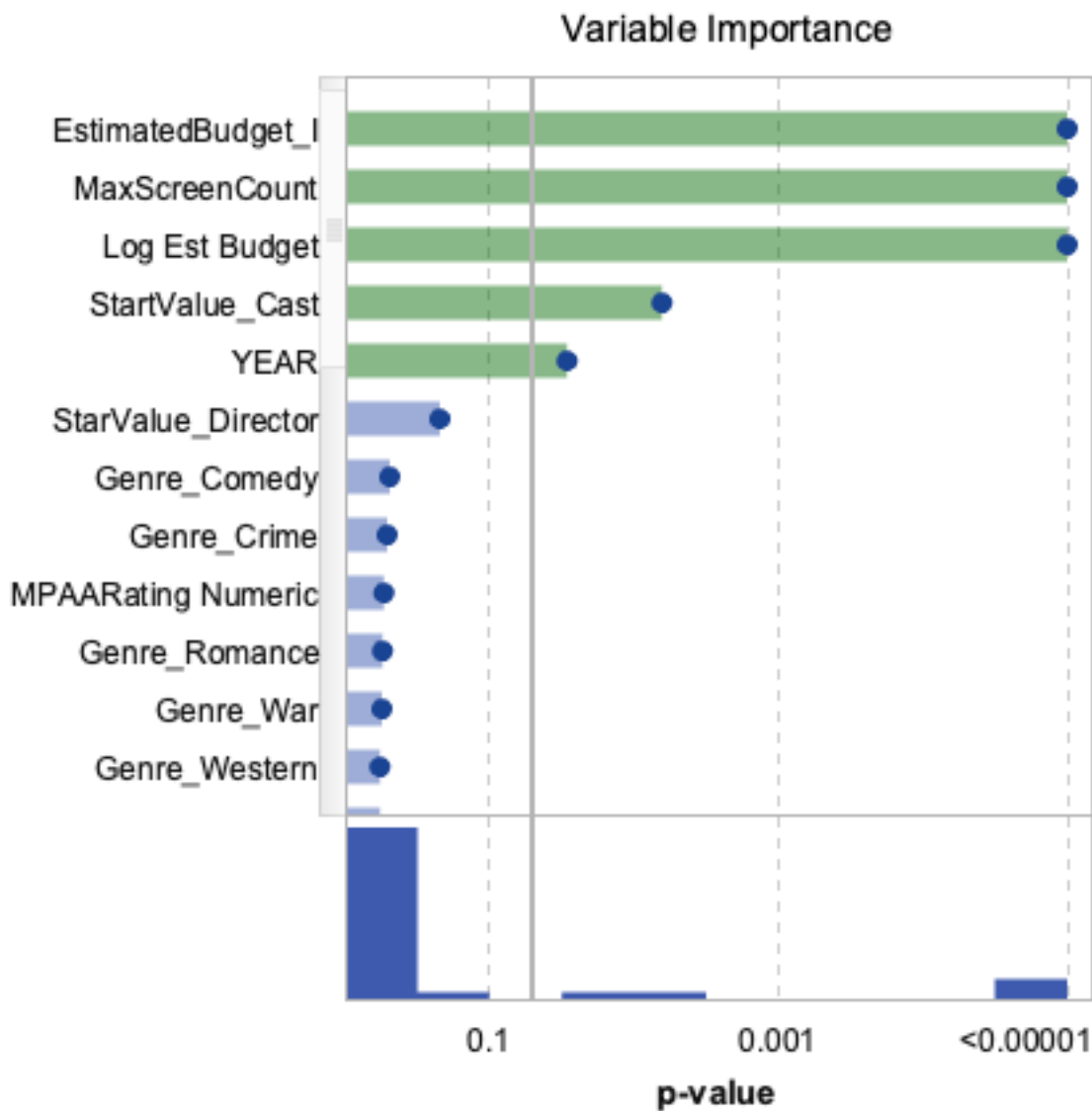


Filters: None

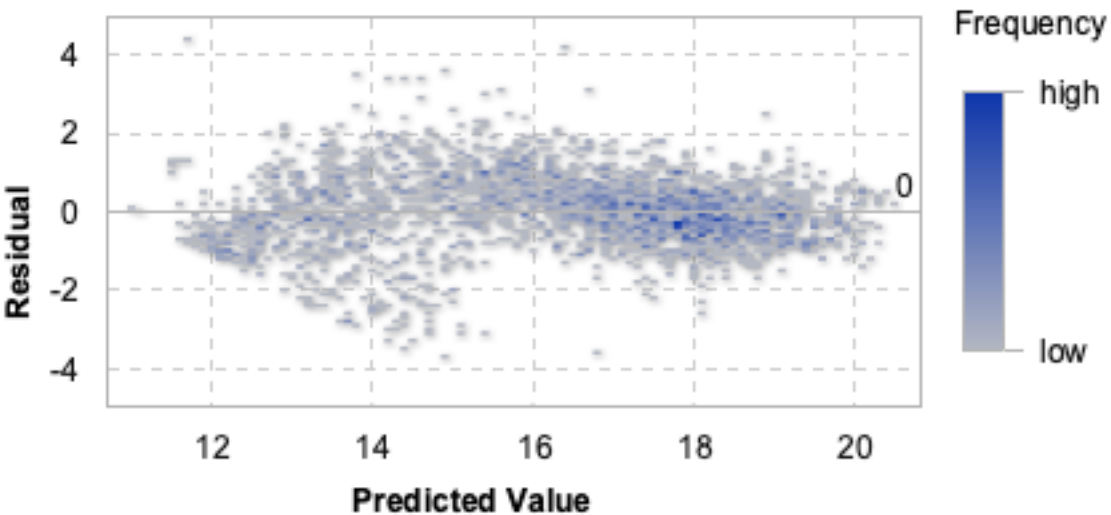
Ranks: None

Log Gross Box Office AIC 10,981.74 Observations Used: 2,330

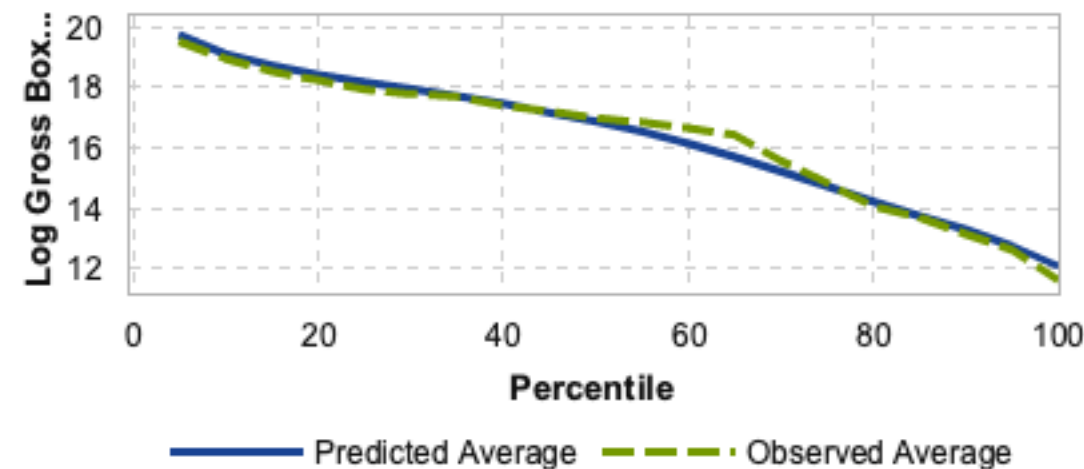
Fit Summary



Residual Plot



Assessment

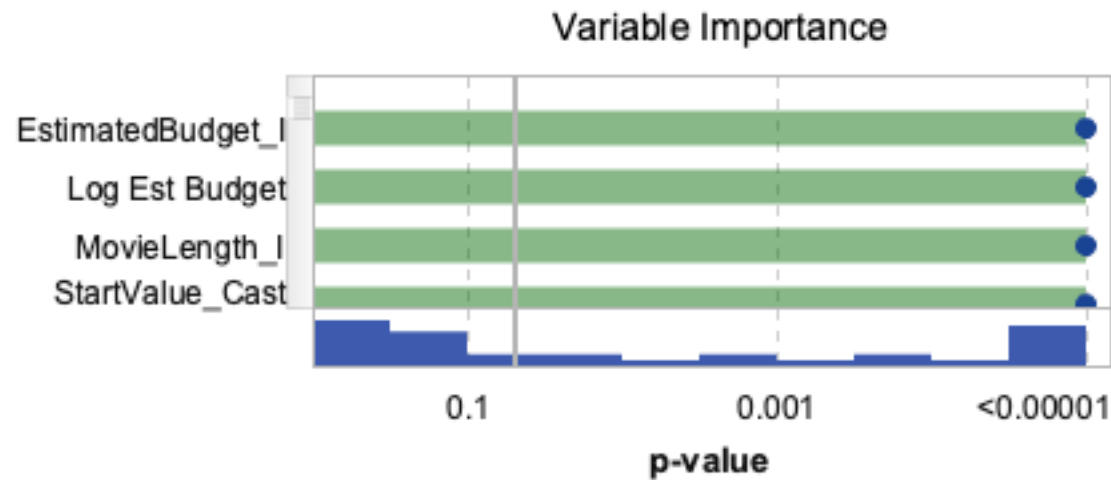


Filters: None

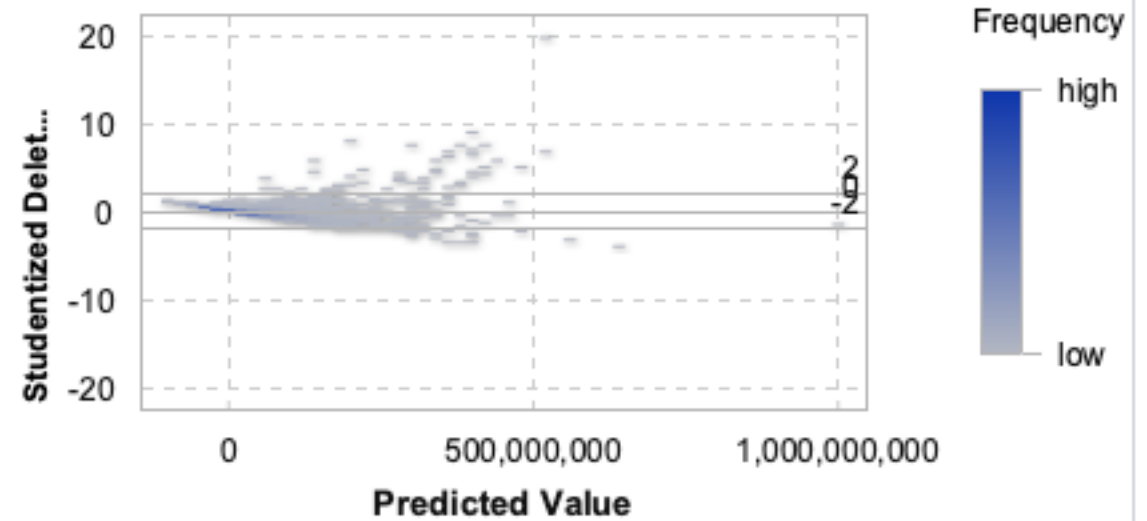
Ranks: None

GrossBoxOffice R-Square **0.5558** Observations Used: **2,330**

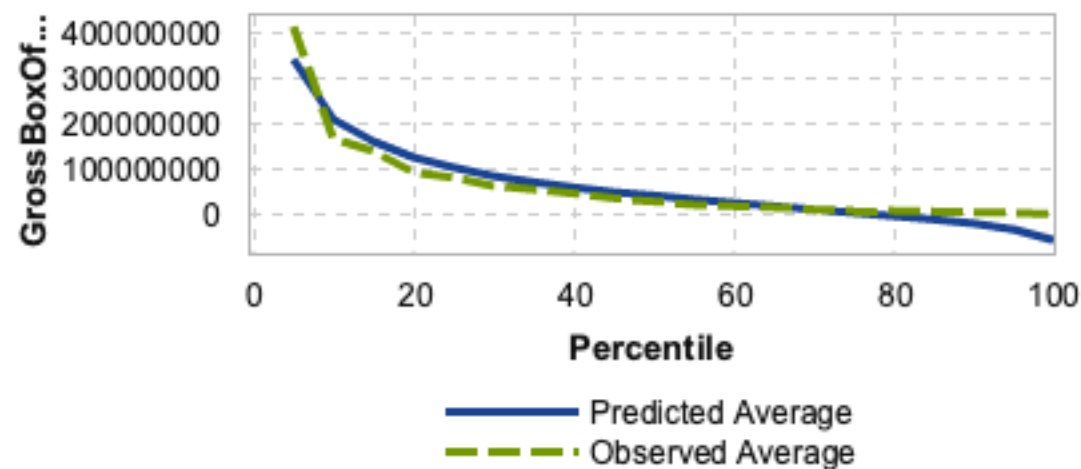
Fit Summary



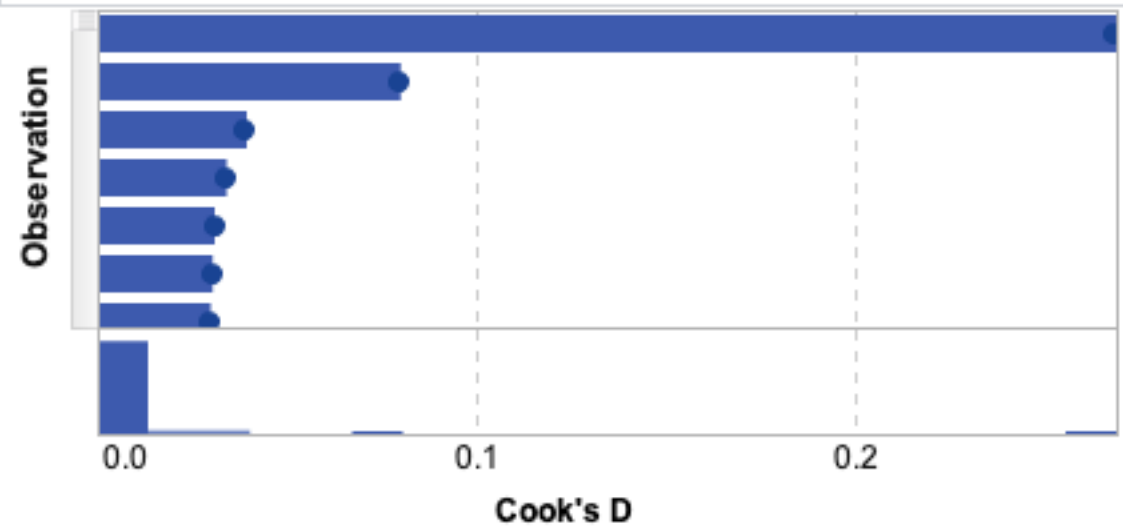
Residual Plot



Assessment



Influence Plot

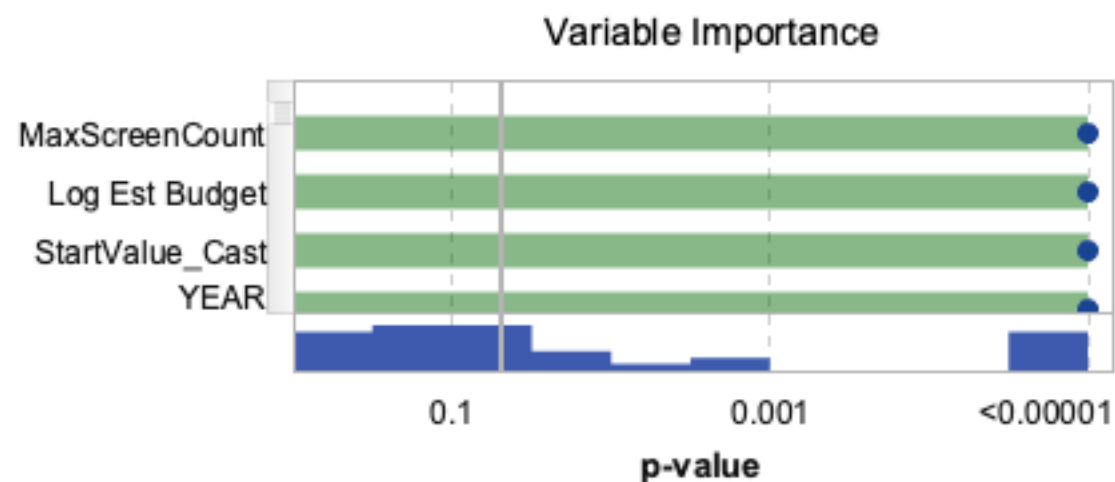


Filters: None

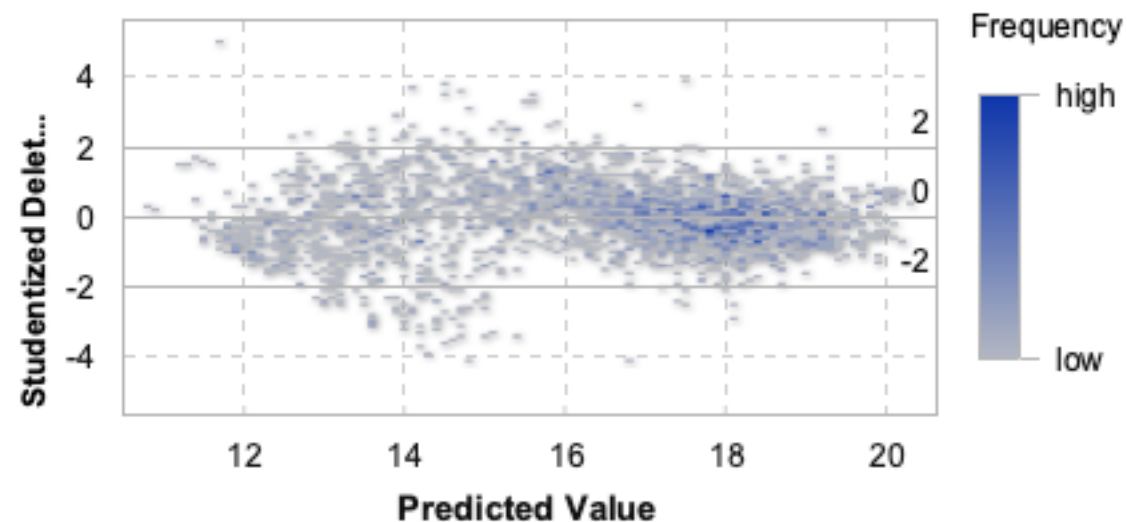
Ranks: None

Log Gross Box Office R-Square **0.8547** Observations Used: **2,330**

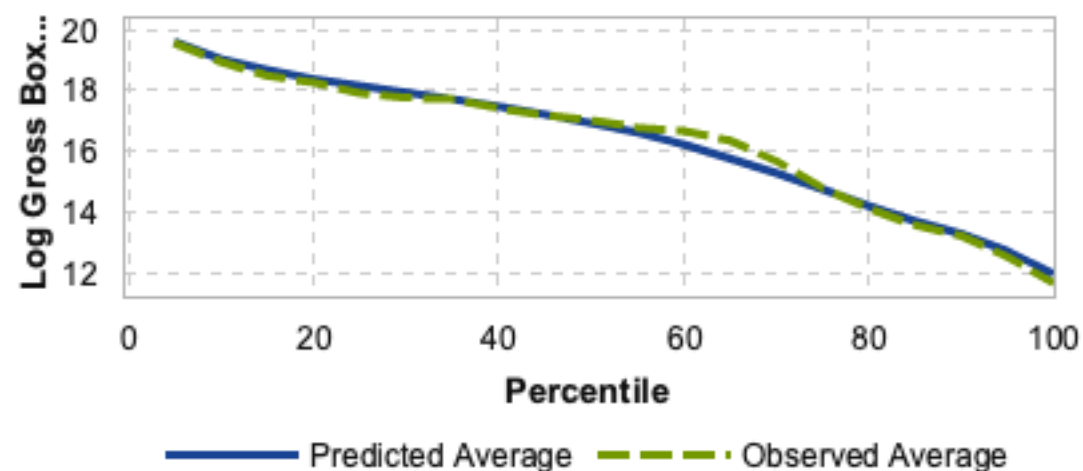
Fit Summary



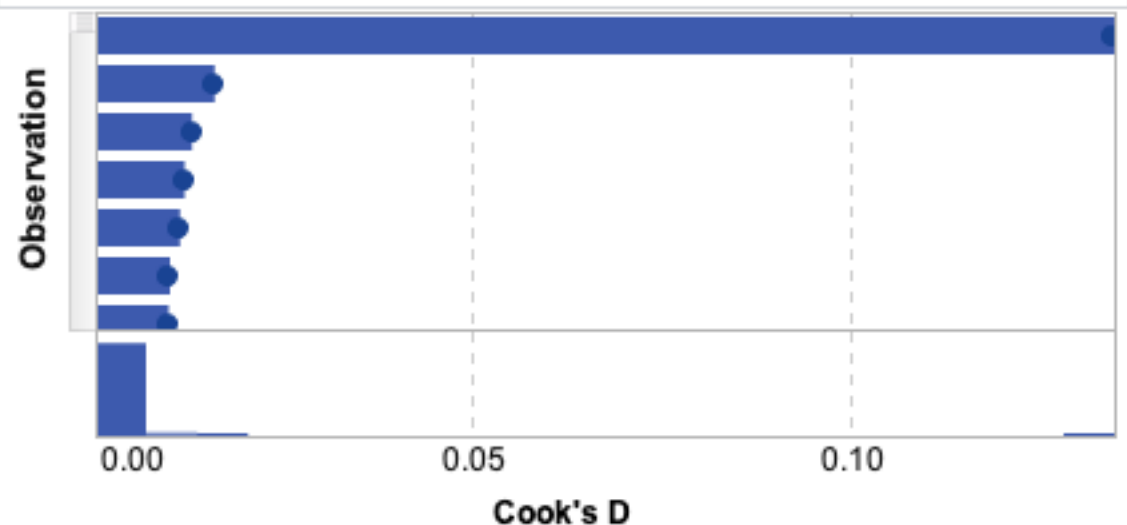
Residual Plot



Assessment



Influence Plot



Filters: None

Ranks: None