

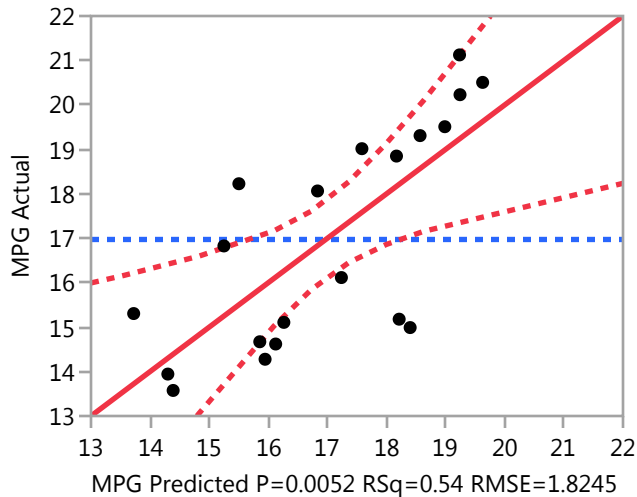
Response MPG on 2010 RX8 GT

Whole Model

Effect Summary

Source	LogWorth	PValue
% City	2.188	0.00649
Temp (F)	1.443	0.03605
Gas Octane	0.091	0.81130

Actual by Predicted Plot



Summary of Fit

RSquare	0.539546
RSquare Adj	0.453211
Root Mean Square Error	1.824503
Mean of Response	16.97182
Observations (or Sum Wgts)	20

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	3	62.40960	20.8032	6.2494
Error	16	53.26096	3.3288	Prob > F
C. Total	19	115.67056		0.0052*

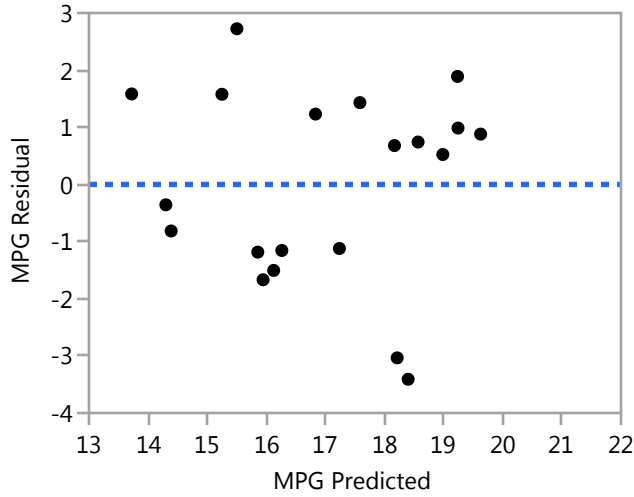
Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	1.0923207	51.32794	0.02	0.9833
Temp (F)	0.09771	0.042695	2.29	0.0360*
Gas Octane	0.1320398	0.543993	0.24	0.8113
% City	-0.115628	0.036964	-3.13	0.0065*

Response MPG on 2010 RX8 GT

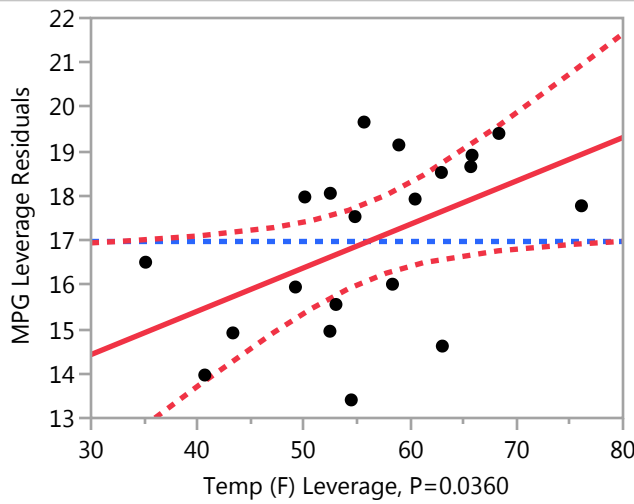
Whole Model

Residual by Predicted Plot



Temp (F)

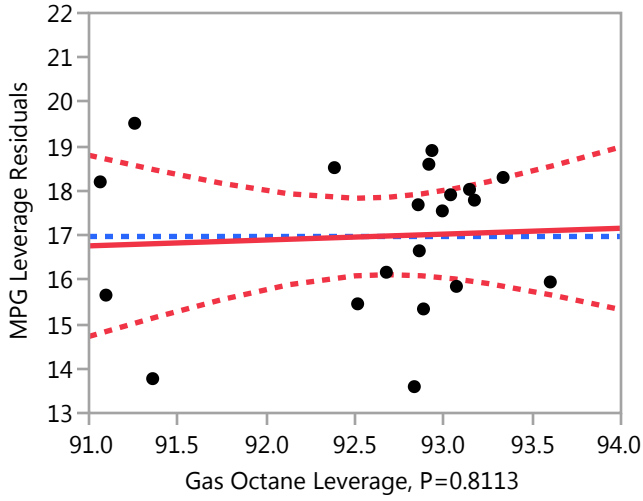
Leverage Plot



Response MPG on 2010 RX8 GT

Gas Octane

Leverage Plot



% City

Leverage Plot

