SS with Vivek Week1:

Raymond Myers – Wrote a good book on Log Transformation

Linear Algebra forms the backbone of multivariate regression.

Scholar.google.com

<http://www.ats.ucla.edu/stat/sas/webbooks/reg/chapter2/sasreg2.htm>

Hi F-test = At least one of the variables is explanative for the model.

ANOVA Breakdown: You want the model to be high

n-k-1 k=number of independent variables

Take

Coefficient Variable = Root MSE/Dependent \* 100

The overall model is significant, adj r-squared is close to r-squared. There are no nonsense variables and the MSE is

Graded on the correct interpretation in the independent variables

What does the log transformation do? Normal Distribution

Don’t be a surprised with a pattern in the residuals – Pooling over time

As the LF increases so to does the scatter. Heteroscadicty is in the data

There are a lot things econometrccians do that statisticans don’t do.

So, let me know if questions emerged...By the way...Use billions for Revenue Passenger Miles...and 1000's for Fuel Price (same as the Total Cost).

Skeleton