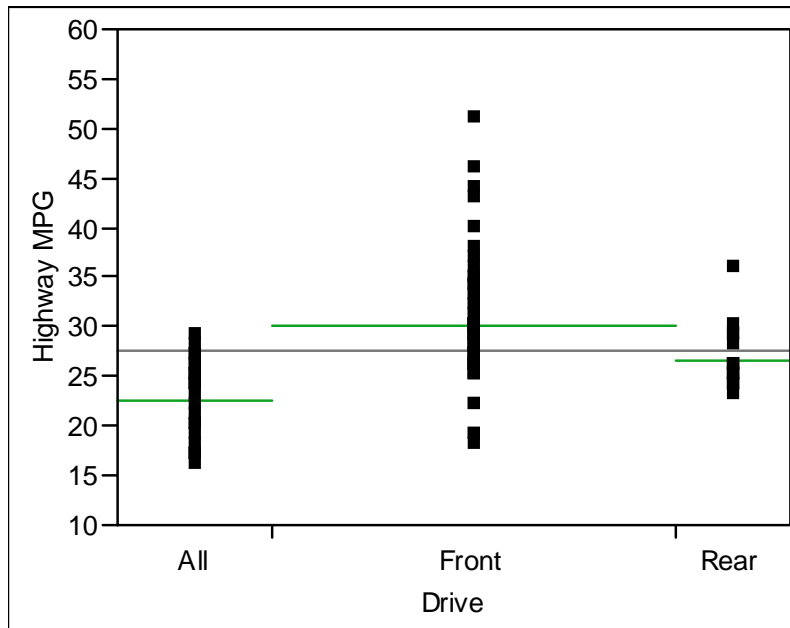


## Highway MPG for Various Types of Drive Analysis of Variance



### Summary of Fit

Rsquare	0.254103
Adj Rsquare	0.238723
Root Mean Square Error	5.311626
Mean of Response	27.7
Observations (or Sum Wgts)	100

### Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio	Prob > F
Drive	2	932.3031	466.152	16.5224	<.0001
Error	97	2736.6969	28.213		
C. Total	99	3669.0000			

### Means for Oneway Anova

Level	Number	Mean	Std Error	Lower 95%	Upper 95%
All	23	22.6087	1.1076	20.411	24.807
Front	60	29.9833	0.6857	28.622	31.344
Rear	17	26.5294	1.2883	23.973	29.086

Std Error uses a pooled estimate of error variance

## Means Comparisons


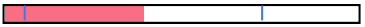
### Comparisons for each pair using Student's t

	<b>t</b>	<b>Alpha</b>			
	1.98472	0.05			
<b>Abs(Dif)-LSD</b>			<b>Front</b>	<b>Rear</b>	<b>All</b>
Front			-1.9247	0.5574	4.7892
Rear			0.5574	-3.6159	0.5489
All			4.7892	0.5489	-3.1087

Positive values show pairs of means that are significantly different.

<b>Level</b>		<b>Mean</b>
Front	A	29.983333
Rear	B	26.529412
All	C	22.608696

Levels not connected by same letter are significantly different.

<b>Level</b>	<b>- Level</b>	<b>Difference</b>	<b>Lower CL</b>	<b>Upper CL</b>	<b>p-Value</b>	<b>Difference</b>
Front	All	7.374638	4.789243	9.960033	<.0001	
Rear	All	3.920716	0.548860	7.292572	0.0231	
Front	Rear	3.453922	0.557427	6.350416	0.0199	