Class Level Information		
Class	**Levels**	**Values**
Diet_Drinks	3	Often Rarely Sometimes

Number of Observations Read	50
Number of Observations Used	50

Dependent Variable: Glucose   Glucose

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	105887.5322	52943.7661	12.03	<.0001
Error	47	206858.9678	4401.2546		
Corrected Total	49	312746.5000			

R-Square	Coeff Var	Root MSE	Glucose Mean
0.338573	32.25180	66.34195	205.7000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Diet_Drinks	2	105887.5322	52943.7661	12.03	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Diet_Drinks	2	105887.5322	52943.7661	12.03	<.0001

Distribution of Glucose
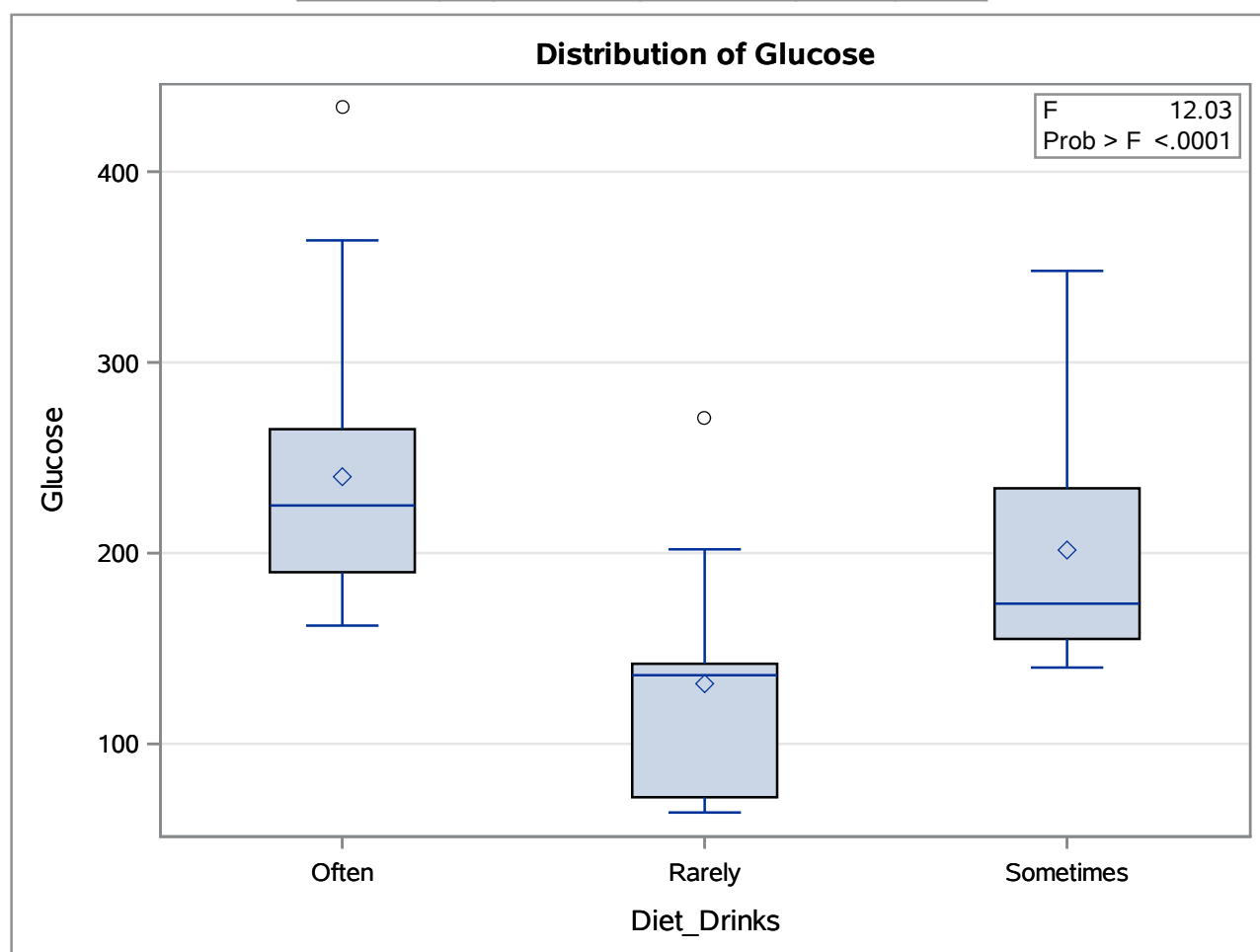
Levene's Test for Homogeneity of Glucose Variance ANOVA of Squared Deviations from Group Means					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Diet_Drinks	2	7253339	3626670	0.08	0.9266
Error	47	2.2322E9	47492933		

Welch's ANOVA for Glucose			
Source	DF	F Value	Pr > F
Diet_Drinks	2.0000	12.64	0.0004
Error	17.4832		

Student-Newman-Keuls Test for Glucose

Note: This test controls the Type I experimentwise error rate under the complete null hypothesis but not under partial null hypotheses.

Alpha	0.05
Error Degrees of Freedom	47
Error Mean Square	4401.255
Harmonic Mean of Cell Sizes	12.69004

Note: Cell sizes are not equal.

Number of Means	2	3
Critical Range	52.982113	63.738689

Means with the same letter are not significantly different.			
SNK Grouping	**Mean**	**N**	**Diet_Drinks**
A	240.07	29	Often
A			
A	201.63	8	Sometimes
B	131.54	13	Rarely

Least Squares Means

Diet_Drinks	Glucose LSMEAN
Often	240.068966
Rarely	131.538462
Sometimes	201.625000

LS-Means for Diet_Drinks