Class Level Information		
Class	Levels	Values
Insulin	2	N Y
Diet_Drinks	2	Often Rarely

Number of Observations Read	42
Number of Observations Used	42

Dependent Variable: Glucose   Glucose

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	134001.3049	44667.1016	11.73	<.0001
Error	38	144719.1712	3808.3992		
Corrected Total	41	278720.4762			

R-Square	Coeff Var	Root MSE	Glucose Mean
0.480773	29.88830	61.71223	206.4762

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Insulin	1	37588.67619	37588.67619	9.87	0.0032
Diet_Drinks	1	96135.90403	96135.90403	25.24	<.0001
Insulin*Diet_Drinks	1	276.72473	276.72473	0.07	0.7890

Source	DF	Type III SS	Mean Square	F Value	Pr > F
Insulin	1	22064.13931	22064.13931	5.79	0.0211
Diet_Drinks	1	96309.63039	96309.63039	25.29	<.0001
Insulin*Diet_Drinks	1	276.72473	276.72473	0.07	0.7890

Interaction Plot for Glucose
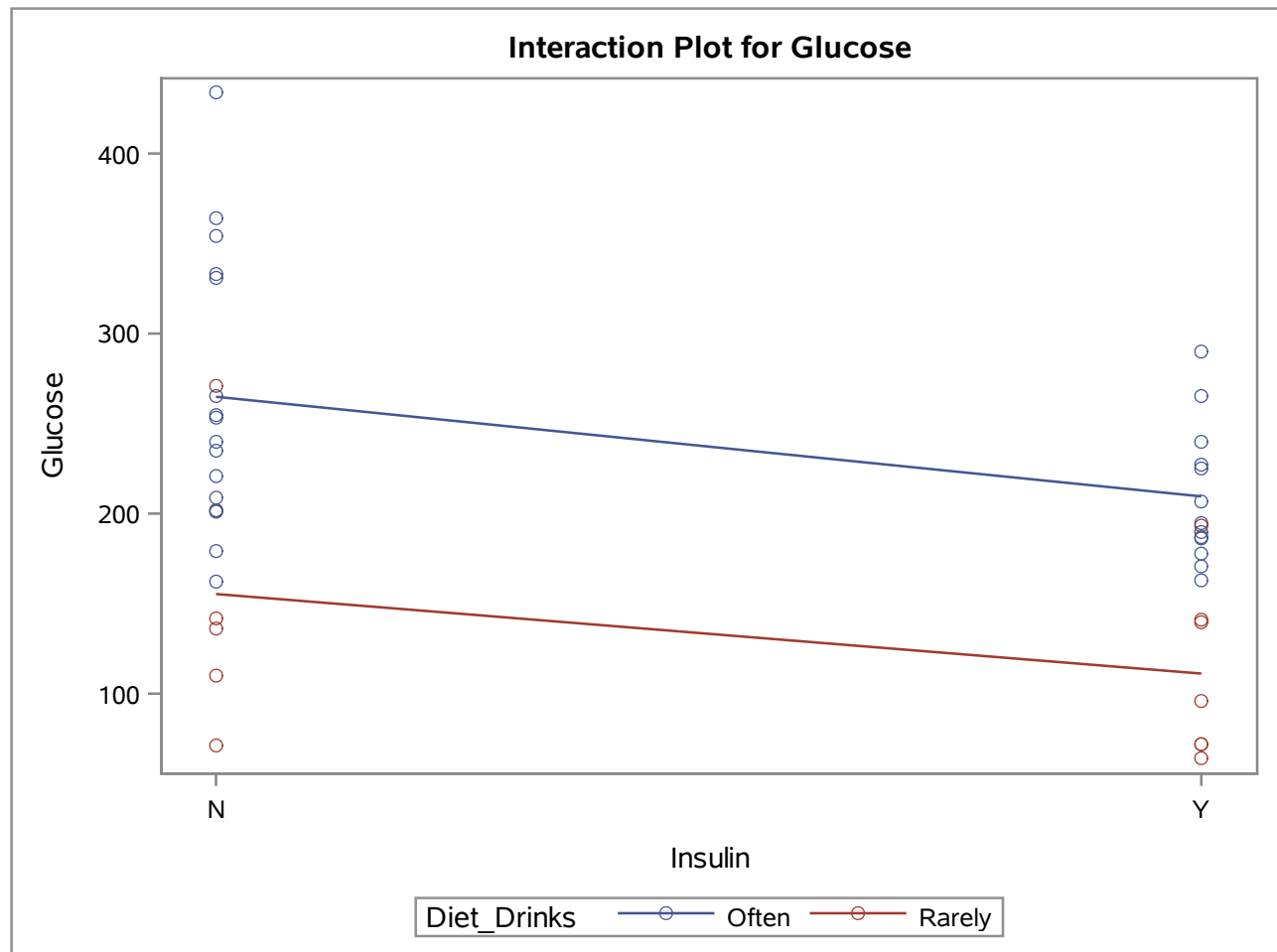
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Insulin	Glucose LSMEAN	H0:LSMean1=LSMean2 Pr > |t|
N	210.104167	0.0211
Y	160.340659	

Insulin	Glucose LSMEAN	95% Confidence Limits	
N	210.104167	180.201354	240.006979
Y	160.340659	131.056645	189.624674

Least Squares Means for Effect Insulin				
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	49.763507	7.910729	91.616286
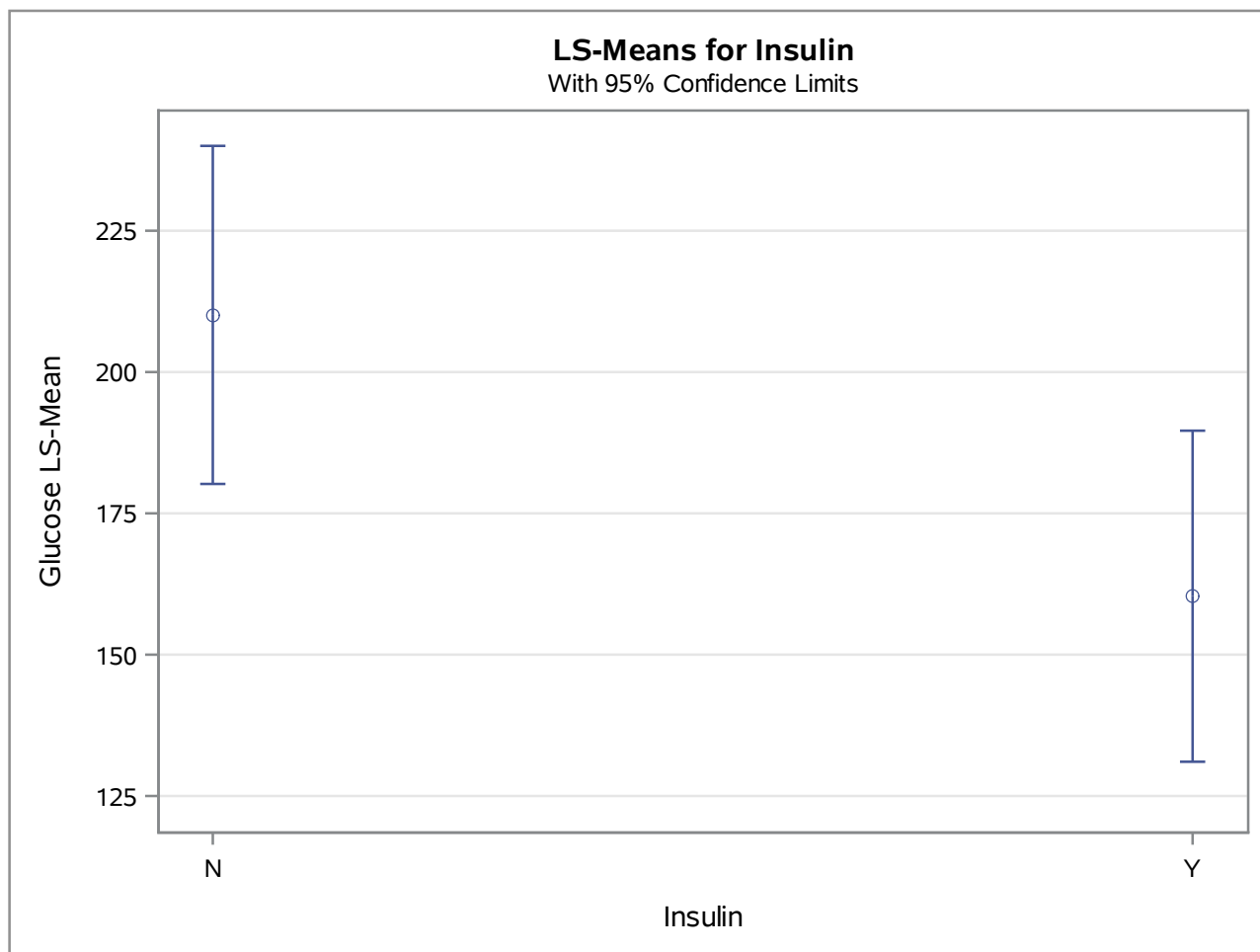
LS-Means for Insulin
With 95% Confidence Limits

Least Squares Means
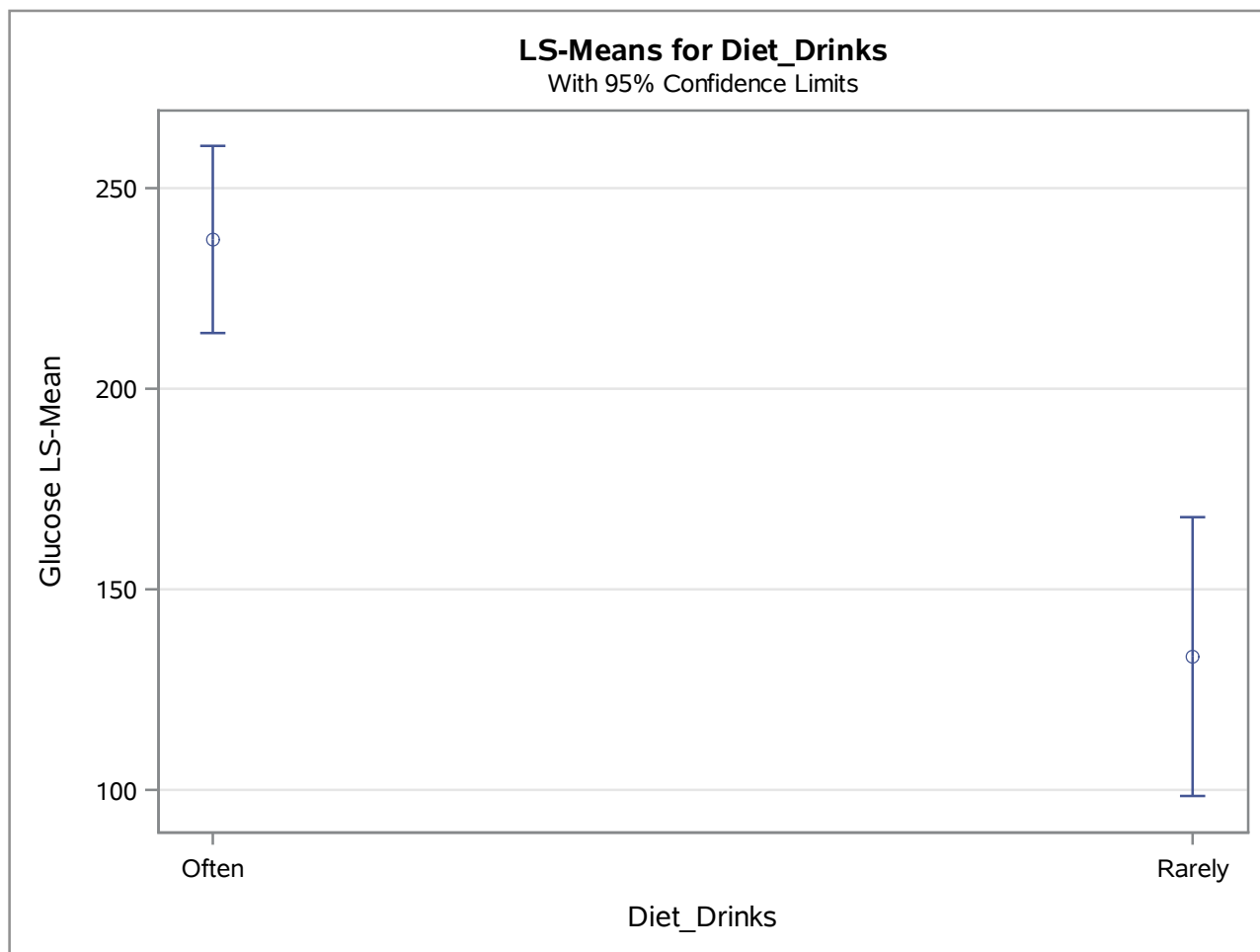**Adjustment for Multiple Comparisons: Tukey-Kramer**

Glucose Comparisons for Insulin
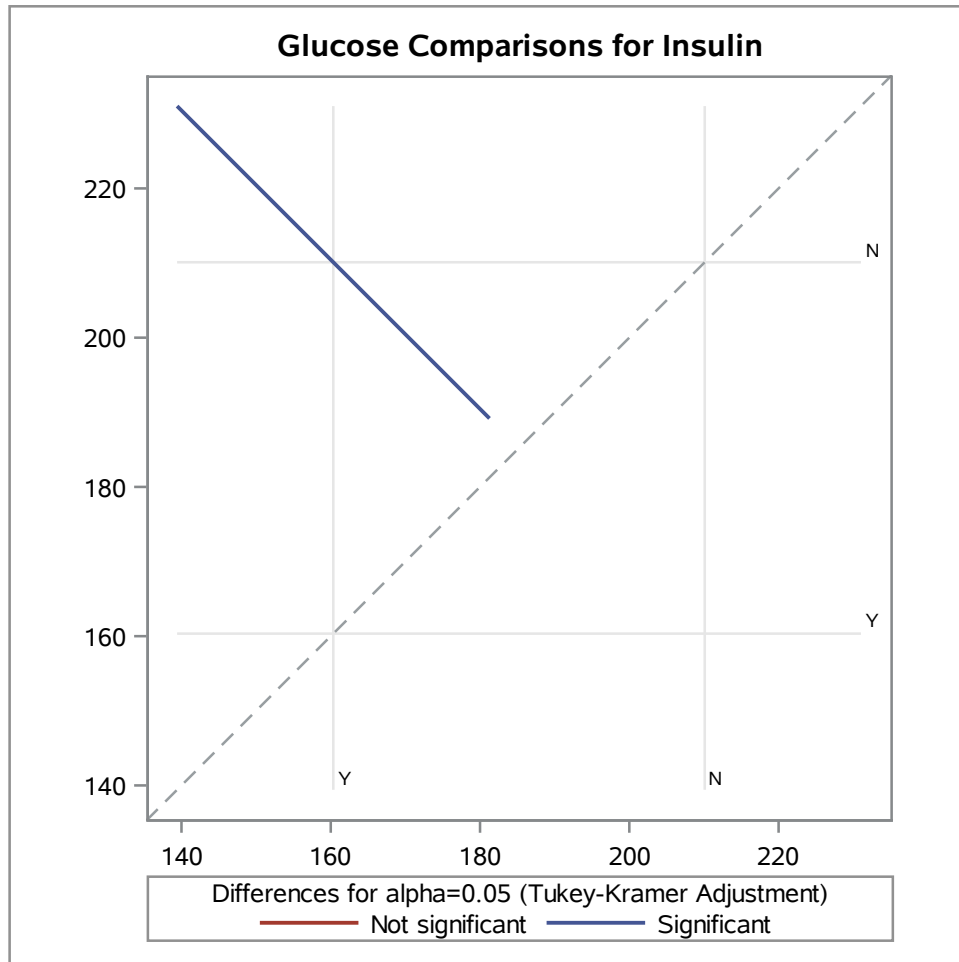
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Diet_Drinks	Glucose LSMEAN	H0:LSMean1=LSMean2 Pr > |t|
Often	237.206731	<.0001
Rarely	133.238095	

Diet_Drinks	Glucose LSMEAN	95% Confidence Limits	
Often	237.206731	213.882698	260.530764
Rarely	133.238095	98.485812	167.990379

			Least Squares Means for Effect Diet_Drinks	
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	103.968636	62.115857	145.821414

LS-Means for Diet_Drinks
With 95% Confidence Limits

Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Glucose Comparisons for Diet_Drinks
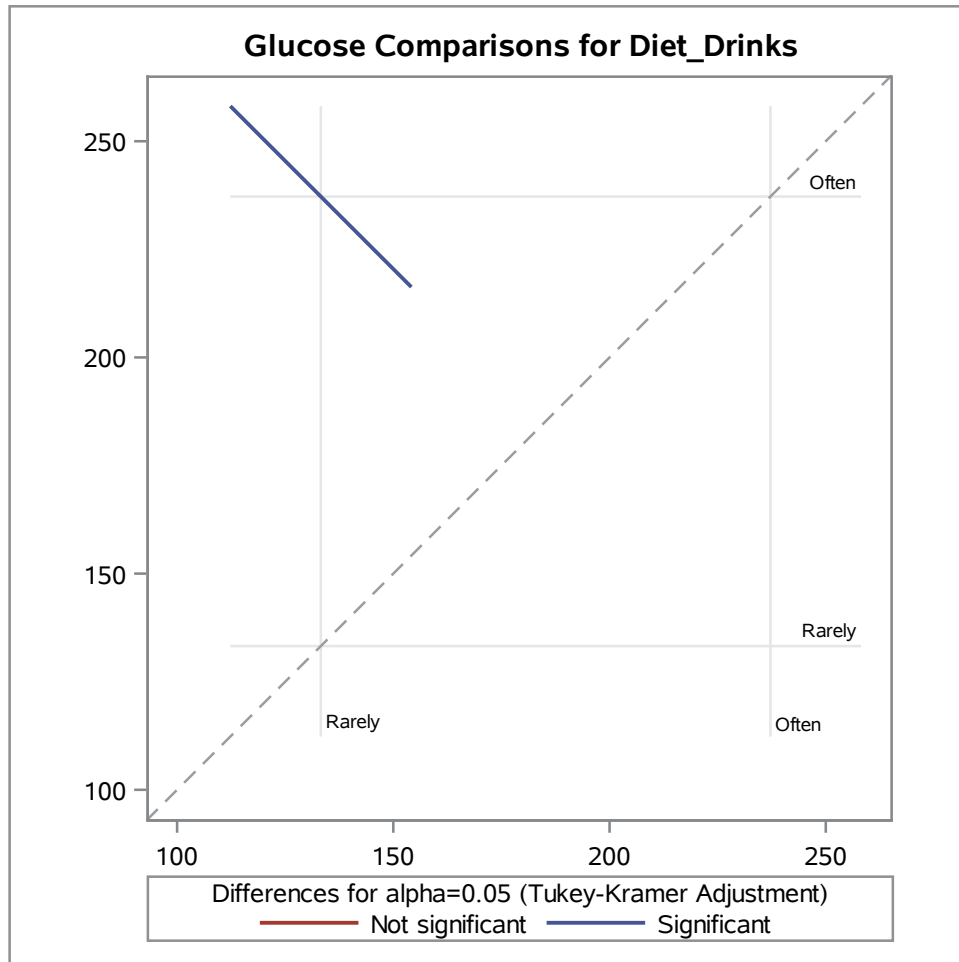
Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Insulin	Diet_Drinks	Glucose LSMEAN	LSMEAN Number
N	Often	264.875000	1
N	Rarely	155.333333	2
Y	Often	209.538462	3
Y	Rarely	111.142857	4

Least Squares Means for effect Insulin*Diet_Drinks Pr > |t| for H0: LSMean(i)=LSMean(j) Dependent Variable: Glucose				
i/j	1	2	3	4
1		0.0036	0.0940	<.0001
2	0.0036		0.2987	0.5766
3	0.0940	0.2987		0.0083
4	<.0001	0.5766	0.0083	

Insulin	Diet_Drinks	Glucose LSMEAN	95% Confidence Limits	
N	Often	264.875000	233.642531	296.107469
N	Rarely	155.333333	104.330925	206.335742
Y	Often	209.538462	174.889148	244.187775
Y	Rarely	111.142857	63.923802	158.361912

Least Squares Means for Effect Insulin*Diet_Drinks				
i	j	Difference Between Means	Simultaneous 95% Confidence Limits for LSMean(i)-LSMean(j)	
1	2	109.541667	30.176516	188.906817
1	3	55.336538	-6.567852	117.240929
1	4	153.732143	78.602898	228.861388
2	3	-54.205128	-136.029677	27.619420
2	4	44.190476	-48.045670	136.426622
3	4	98.395604	20.672808	176.118401

Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

LS-Means for Insulin*Diet_Drinks
With 95% Confidence Limits

Least Squares Means
Adjustment for Multiple Comparisons: Tukey-Kramer

Glucose Comparisons for Insulin*Diet_Drinks