

Comparing Cholesterol among Three Statin Drugs

The GLM Procedure

Class Level Information		
Class	Levels	Values
DRUG	3	A B C
SUBJ	20	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Number of Observations Read	60
Number of Observations Used	60

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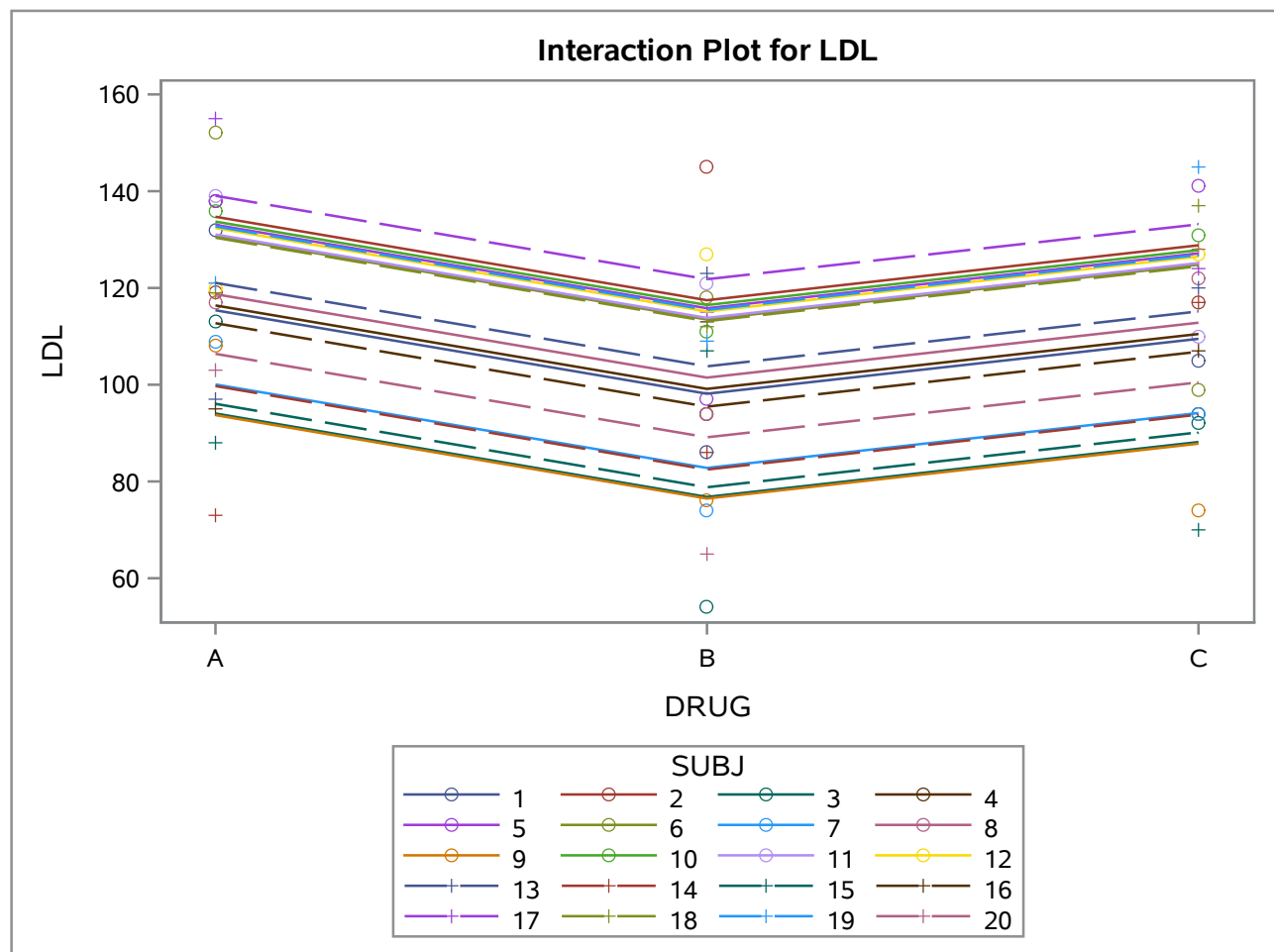
The GLM Procedure

Dependent Variable: LDL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	21	16818.81667	800.89603	2.34	0.0110
Error	38	12991.36667	341.87807		
Corrected Total	59	29810.18333			

R-Square	Coeff Var	Root MSE	LDL Mean
0.564197	16.67513	18.48995	110.8833

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SUBJ	19	13744.18333	723.37807	2.12	0.0243
DRUG	2	3074.63333	1537.31667	4.50	0.0177



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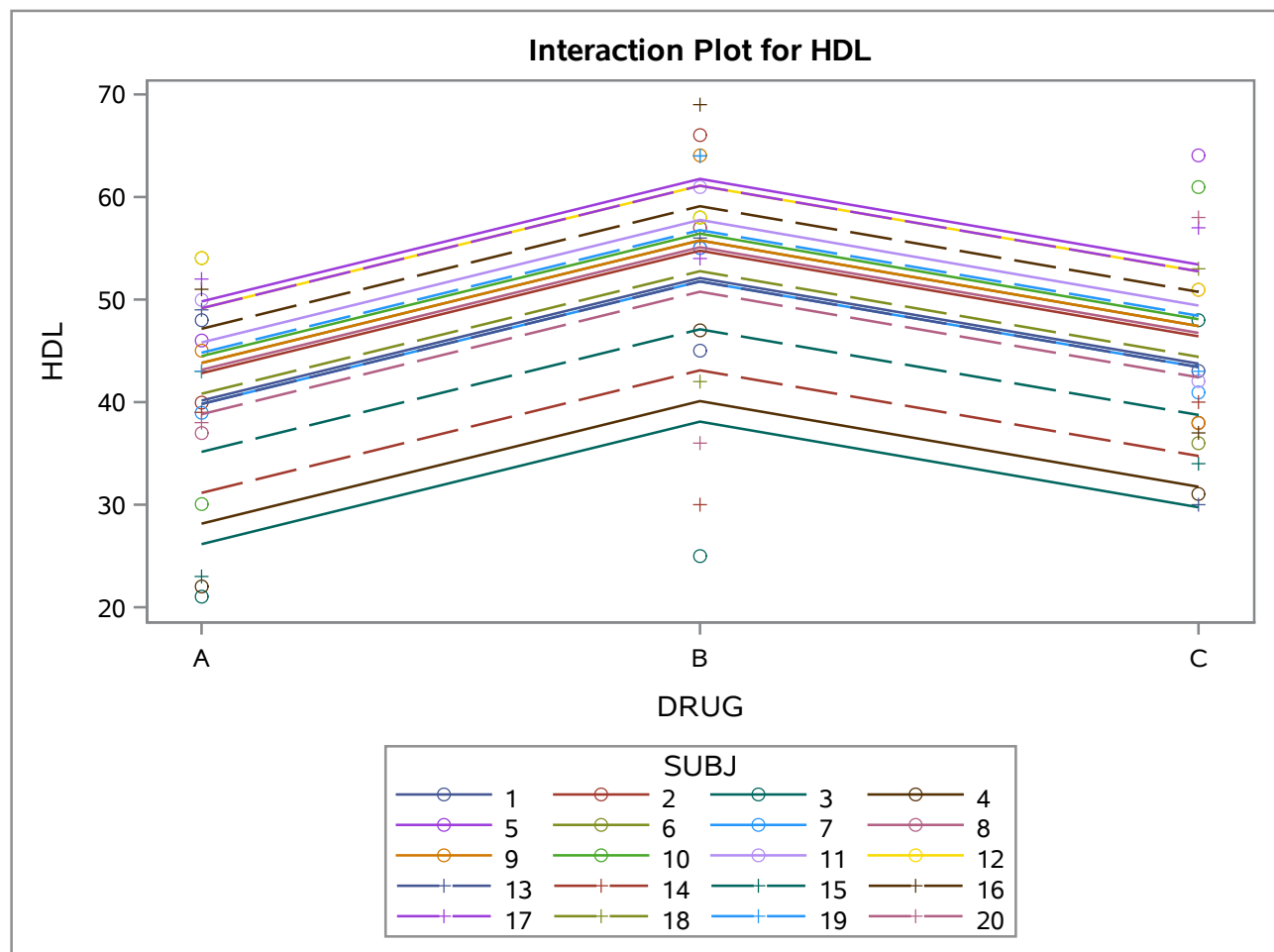
The GLM Procedure

Dependent Variable: HDL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	21	4042.750000	192.511905	1.74	0.0666
Error	38	4193.433333	110.353509		
Corrected Total	59	8236.183333			

R-Square	Coeff Var	Root MSE	HDL Mean
0.490852	22.64807	10.50493	46.38333

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SUBJ	19	2539.516667	133.658772	1.21	0.2991
DRUG	2	1503.233333	751.616667	6.81	0.0030



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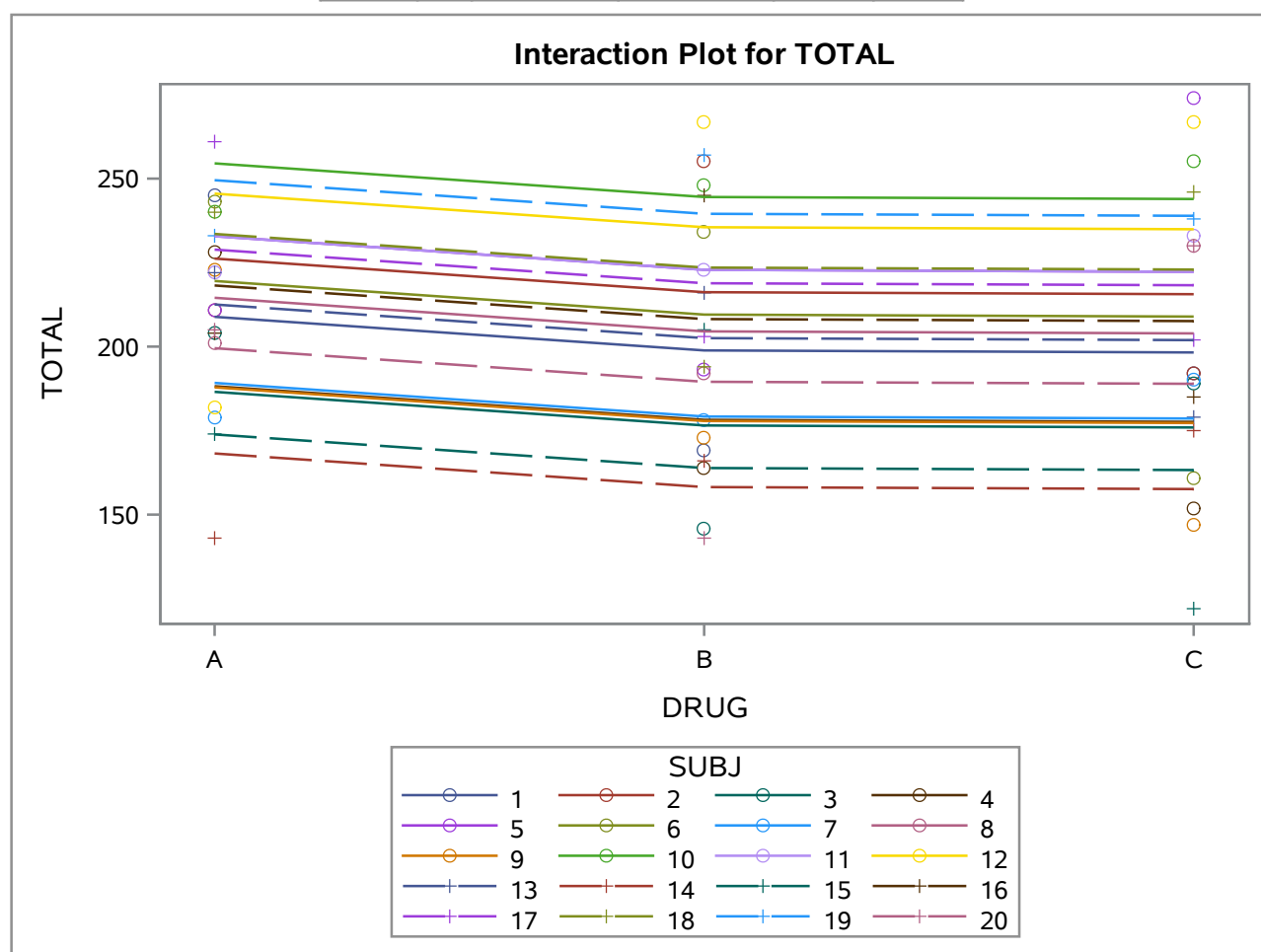
The GLM Procedure

Dependent Variable: TOTAL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	21	37633.78333	1792.08492	1.68	0.0817
Error	38	40649.20000	1069.71579		
Corrected Total	59	78282.98333			

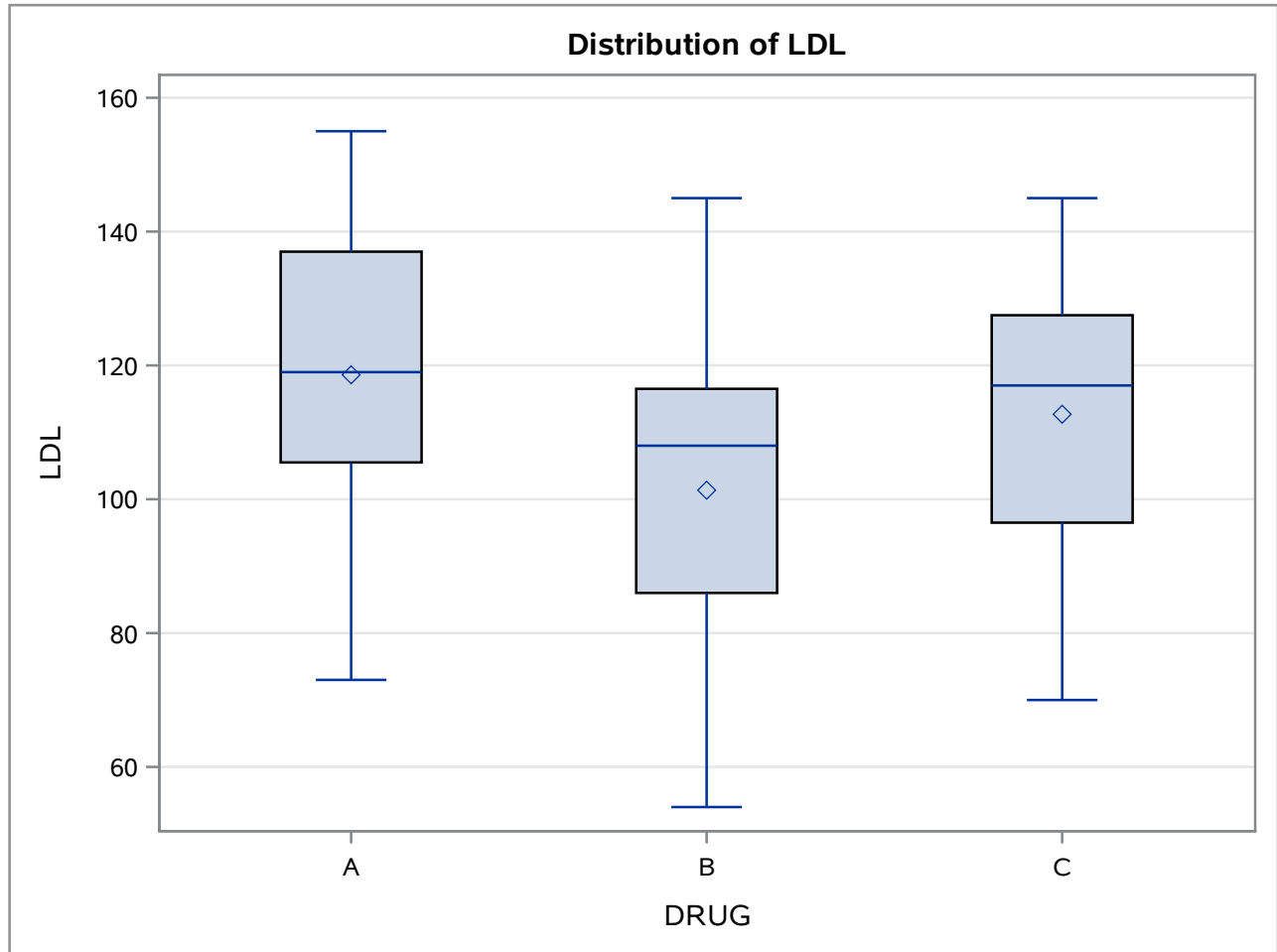
R-Square	Coeff Var	Root MSE	TOTAL Mean
0.480740	15.82445	32.70651	206.6833

Source	DF	Type III SS	Mean Square	F Value	Pr > F
SUBJ	19	36215.65000	1906.08684	1.78	0.0639
DRUG	2	1418.13333	709.06667	0.66	0.5212



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Student-Newman-Keuls Test for LDL

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

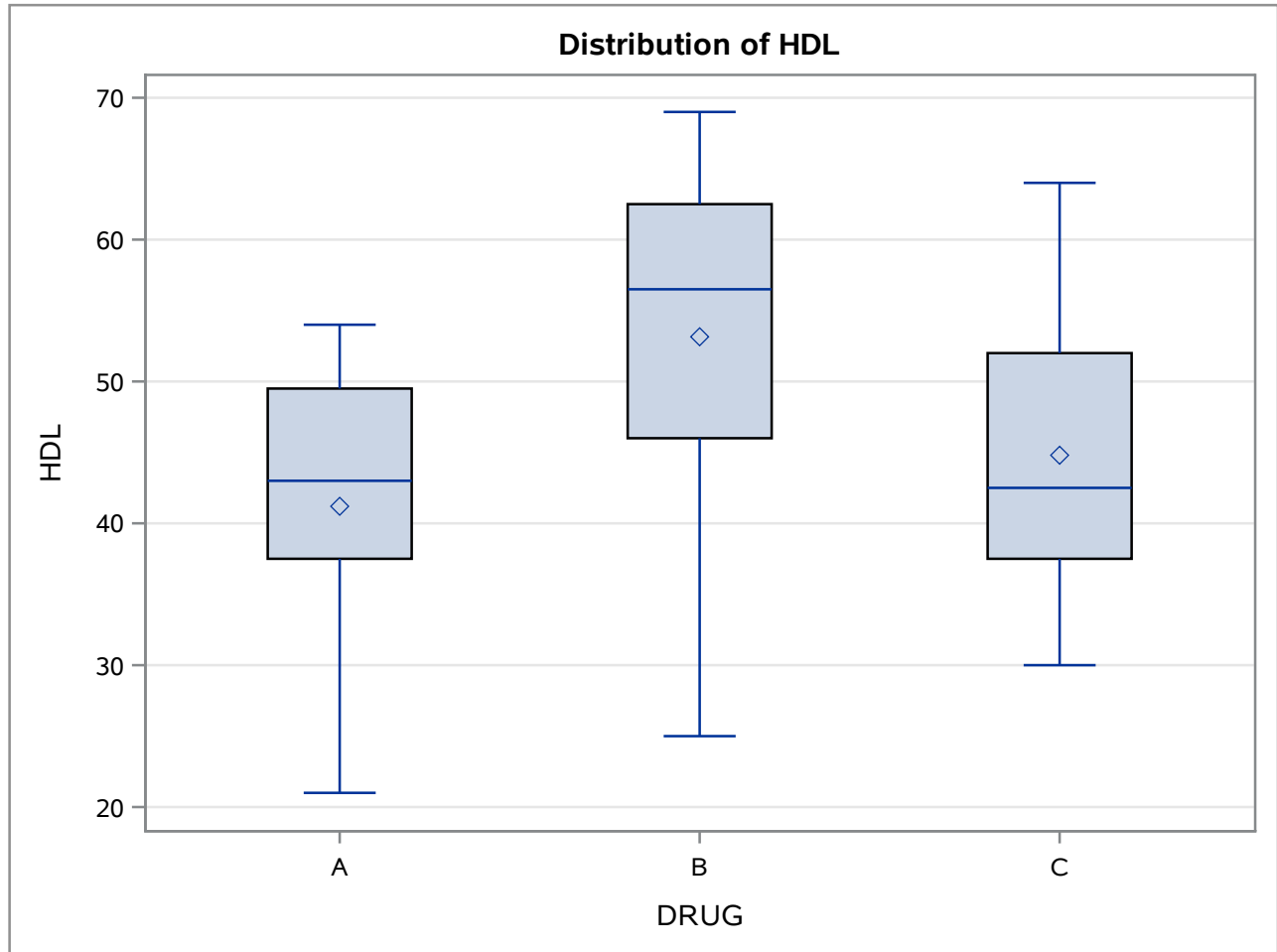
Alpha	0.05
Error Degrees of Freedom	38
Error Mean Square	341.8781

Number of Means	2	3
Critical Range	11.836443	14.259841

Means with the same letter are not significantly different.				
SNK Grouping		Mean	N	DRUG
	A	118.600	20	A
	A			
B	A	112.700	20	C
B				
B		101.350	20	B

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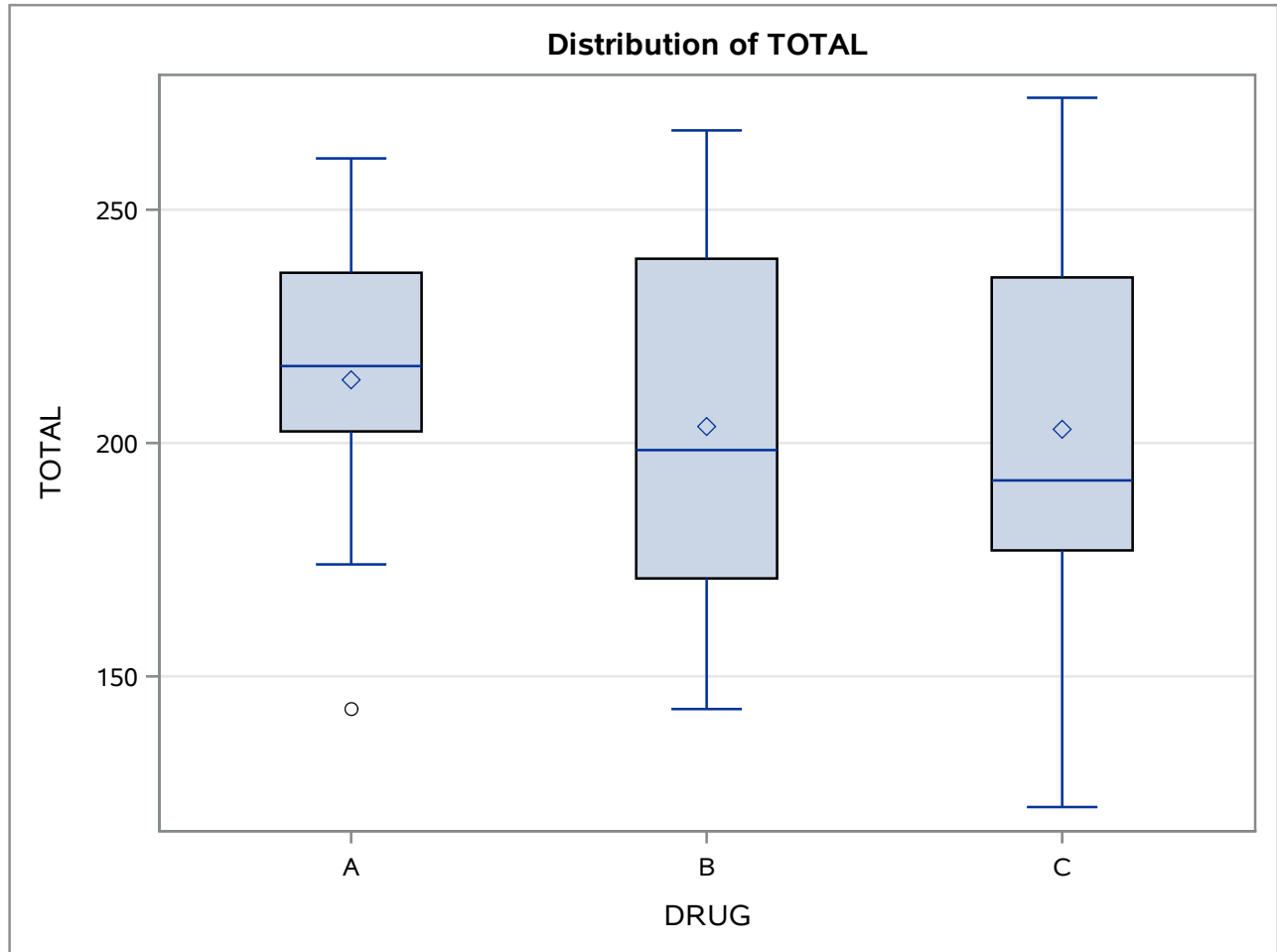
Alpha	0.05
Error Degrees of Freedom	38
Error Mean Square	110.3535

Number of Means	2	3
Critical Range	6.7247888	8.1016249

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	DRUG
A	53.150	20	B
B	44.800	20	C
B			
B	41.200	20	A

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Student-Newman-Keuls Test for TOTAL

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	38
Error Mean Square	1069.716

Number of Means	2	3
Critical Range	20.937257	25.22396

Means with the same letter are not significantly different.			
SNK Grouping	Mean	N	DRUG
A	213.55	20	A
A			
A	203.55	20	B
A			
A	202.95	20	C