Model Cholesterol with DRUG and GENDER

The GLM Procedure

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

Number of Observations Read	60
Number of Observations Used	60

Model Cholesterol with DRUG and GENDER

The GLM Procedure

Dependent Variable: LDL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	59	29810.18333	505.25734	.	.
Error	0	0.00000	.		
Corrected Total	59	29810.18333			

R-Square	Coeff Var	Root MSE	LDL Mean
1.000000	.	.	110.8833

Source	DF	Type I SS	Mean Square	F Value	Pr > F
GENDER	1	2662.71532	2662.71532	.	.
SUBJ(GENDER)	18	11081.46801	615.63711	.	.
DRUG	2	3074.63333	1537.31667	.	.
DRUG*GENDER	2	2524.47104	1262.23552	.	.
SUBJ*DRUG(GENDER)	36	10466.89562	290.74710	.	.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	2662.71532	2662.71532	.	.
SUBJ(GENDER)	18	11081.46801	615.63711	.	.
DRUG	2	3558.98497	1779.49249	.	.
DRUG*GENDER	2	2524.47104	1262.23552	.	.
SUBJ*DRUG(GENDER)	36	10466.89562	290.74710	.	.

Model Cholesterol with DRUG and GENDER

The GLM Procedure

Dependent Variable: HDL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	59	8236.183333	139.596328	.	.
Error	0	0.000000	.		
Corrected Total	59	8236.183333			

R-Square	Coeff Var	Root MSE	HDL Mean
1.000000	.	.	46.38333

Source	DF	Type I SS	Mean Square	F Value	Pr > F
GENDER	1	261.786027	261.786027	.	.
SUBJ(GENDER)	18	2277.730640	126.540591	.	.
DRUG	2	1503.233333	751.616667	.	.
DRUG*GENDER	2	685.669024	342.834512	.	.
SUBJ*DRUG(GENDER)	36	3507.764310	97.437897	.	.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	261.786027	261.786027	.	.
SUBJ(GENDER)	18	2277.730640	126.540591	.	.
DRUG	2	1405.866444	702.933222	.	.
DRUG*GENDER	2	685.669024	342.834512	.	.
SUBJ*DRUG(GENDER)	36	3507.764310	97.437897	.	.

Model Cholesterol with DRUG and GENDER

The GLM Procedure

Dependent Variable: TOTAL

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	59	78282.98333	1326.83023	.	.
Error	0	0.00000	.		
Corrected Total	59	78282.98333			

R-Square	Coeff Var	Root MSE	TOTAL Mean
1.000000	.	.	206.6833

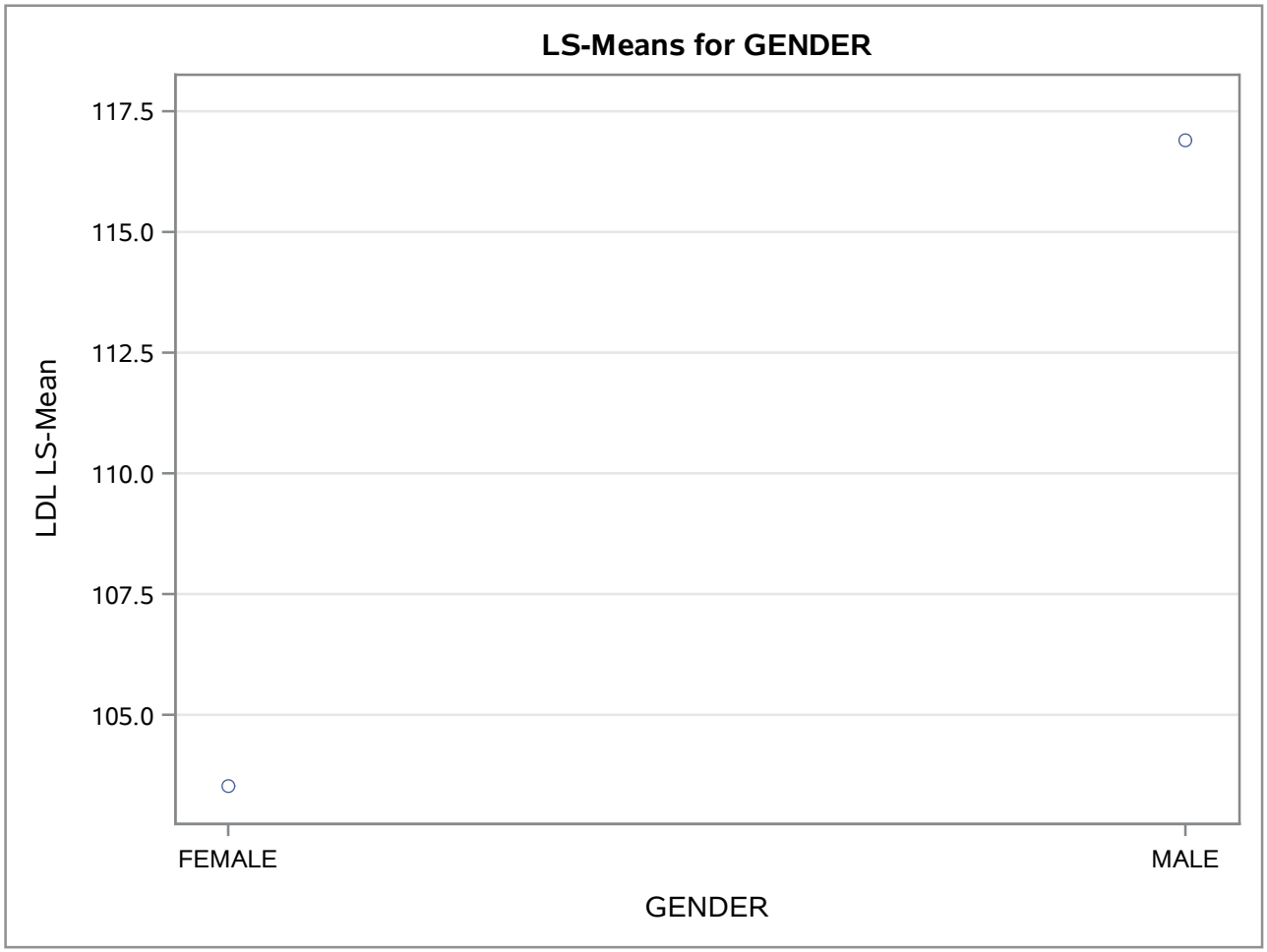
Source	DF	Type I SS	Mean Square	F Value	Pr > F
GENDER	1	9644.74091	9644.74091	.	.
SUBJ(GENDER)	18	26570.90909	1476.16162	.	.
DRUG	2	1418.13333	709.06667	.	.
DRUG*GENDER	2	6706.95758	3353.47879	.	.
SUBJ*DRUG(GENDER)	36	33942.24242	942.84007	.	.

Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	9644.74091	9644.74091	.	.
SUBJ(GENDER)	18	26570.90909	1476.16162	.	.
DRUG	2	1657.94435	828.97218	.	.
DRUG*GENDER	2	6706.95758	3353.47879	.	.
SUBJ*DRUG(GENDER)	36	33942.24242	942.84007	.	.

Model Cholesterol with DRUG and GENDER

The GLM Procedure
Least Squares Means

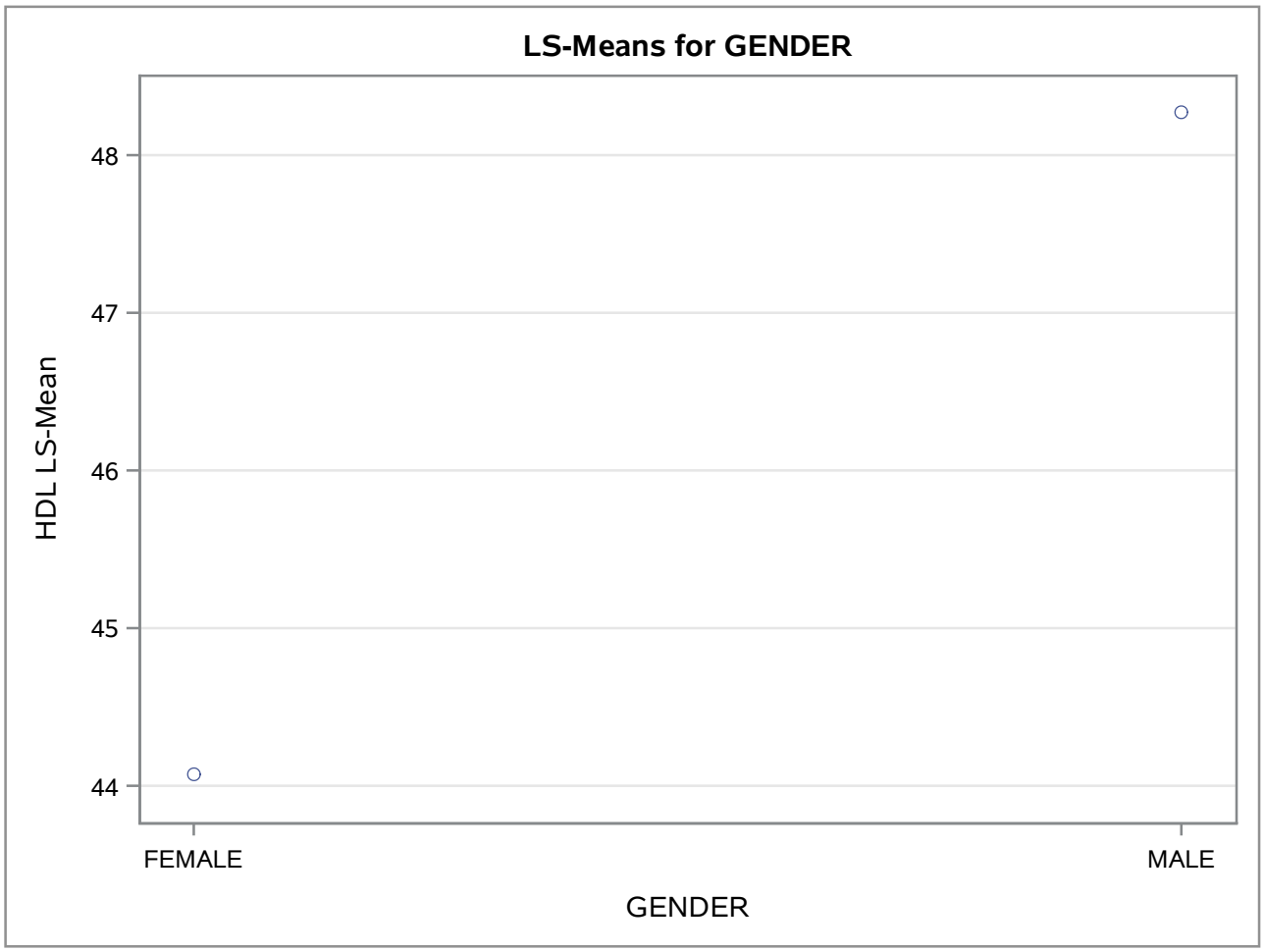
GENDER	LDL LSMEAN
FEMALE	103.518519
MALE	116.909091



GENDER	HDL LSMEAN
FEMALE	44.0740741
MALE	48.2727273

Model Cholesterol with DRUG and GENDER

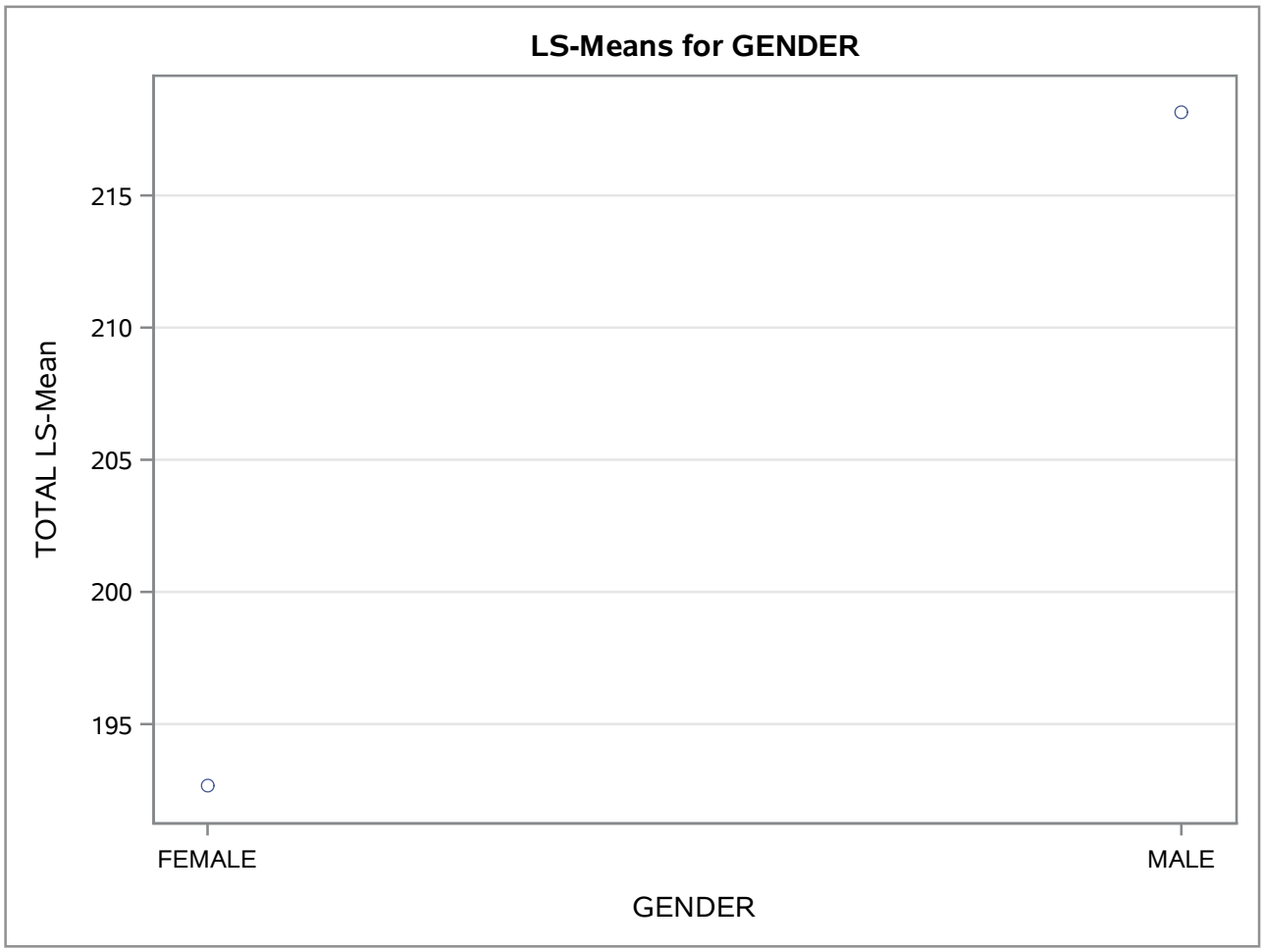
The GLM Procedure
Least Squares Means



GENDER	TOTAL LSMEAN
FEMALE	192.666667
MALE	218.151515

Model Cholesterol with DRUG and GENDER

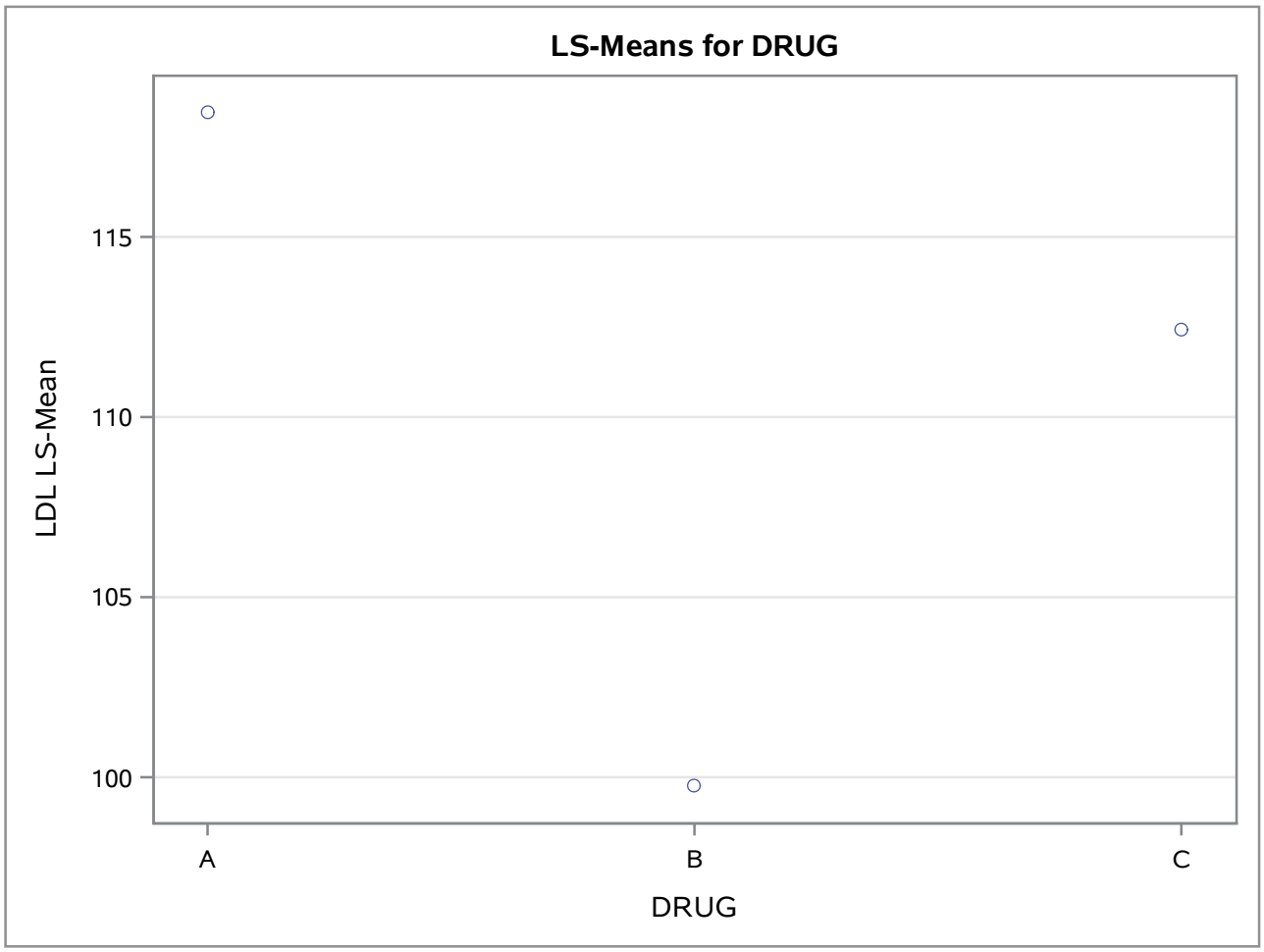
The GLM Procedure
Least Squares Means



DRUG	LDL LSMEAN
A	118.464646
B	99.762626
C	112.414141

Model Cholesterol with DRUG and GENDER

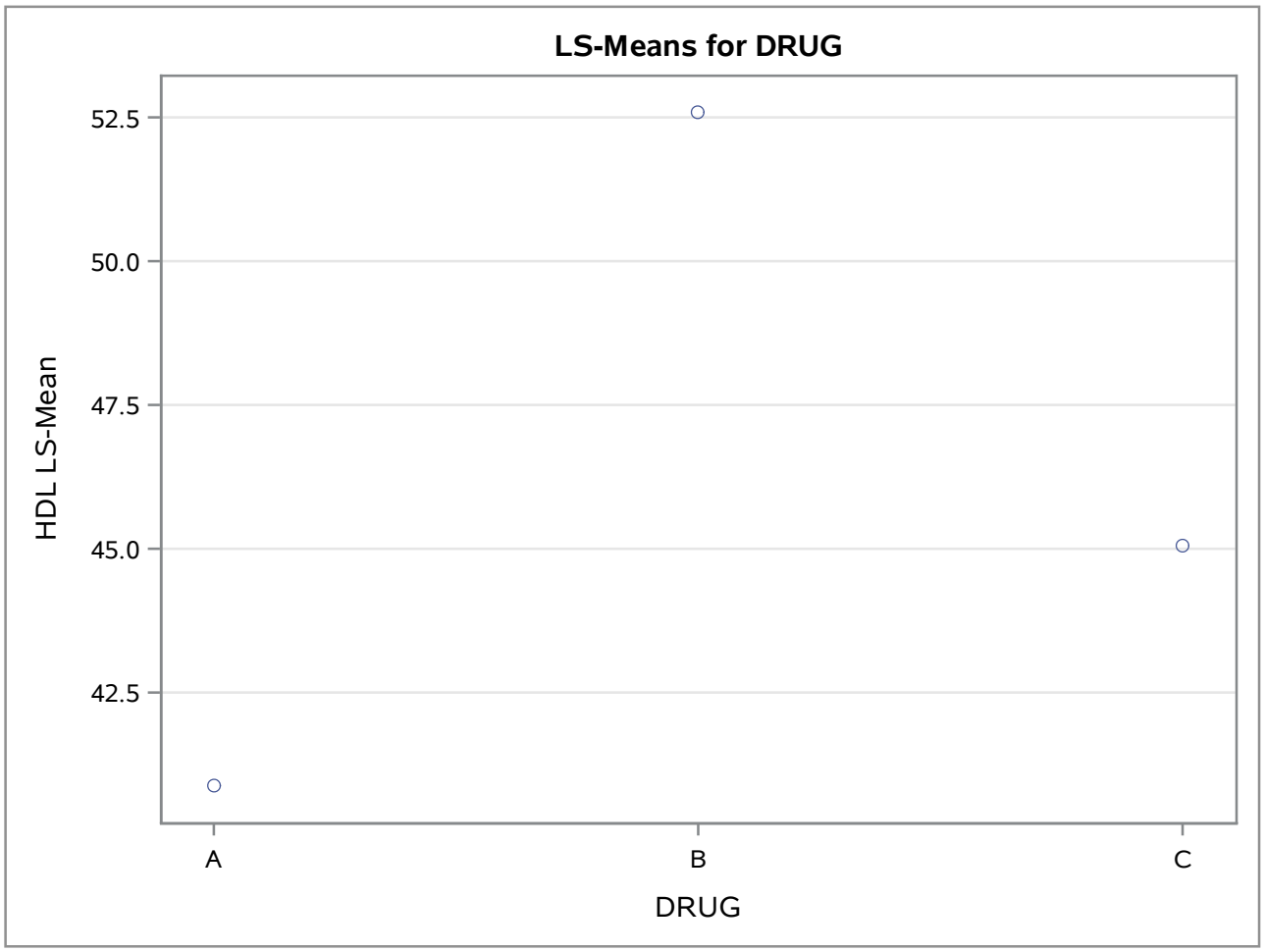
The GLM Procedure
Least Squares Means



DRUG	HDL LSMEAN
A	40.8787879
B	52.5909091
C	45.0505051

Model Cholesterol with DRUG and GENDER

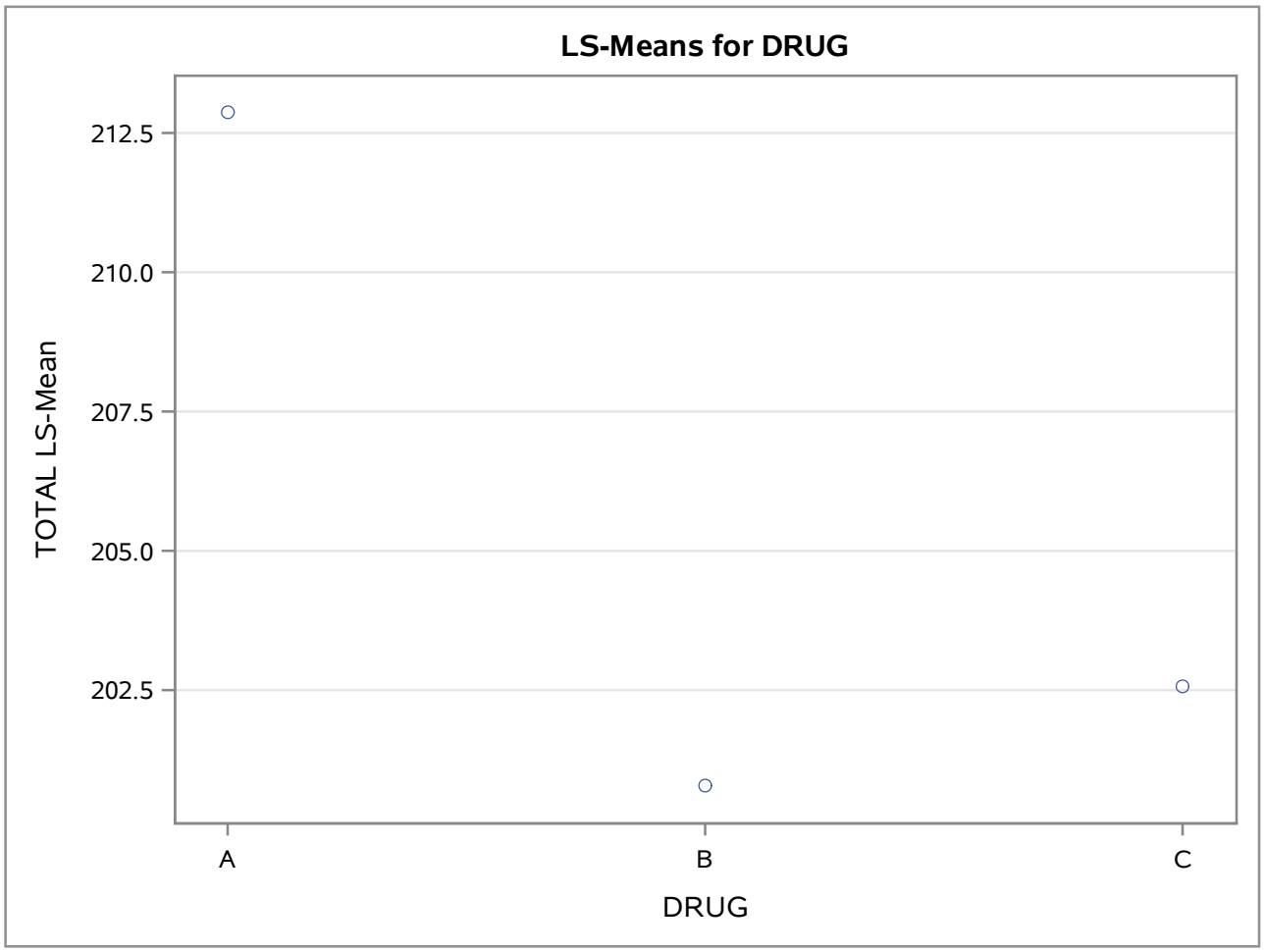
The GLM Procedure
Least Squares Means



DRUG	TOTAL LSMEAN
A	212.873737
B	200.782828
C	202.570707

Model Cholesterol with DRUG and GENDER

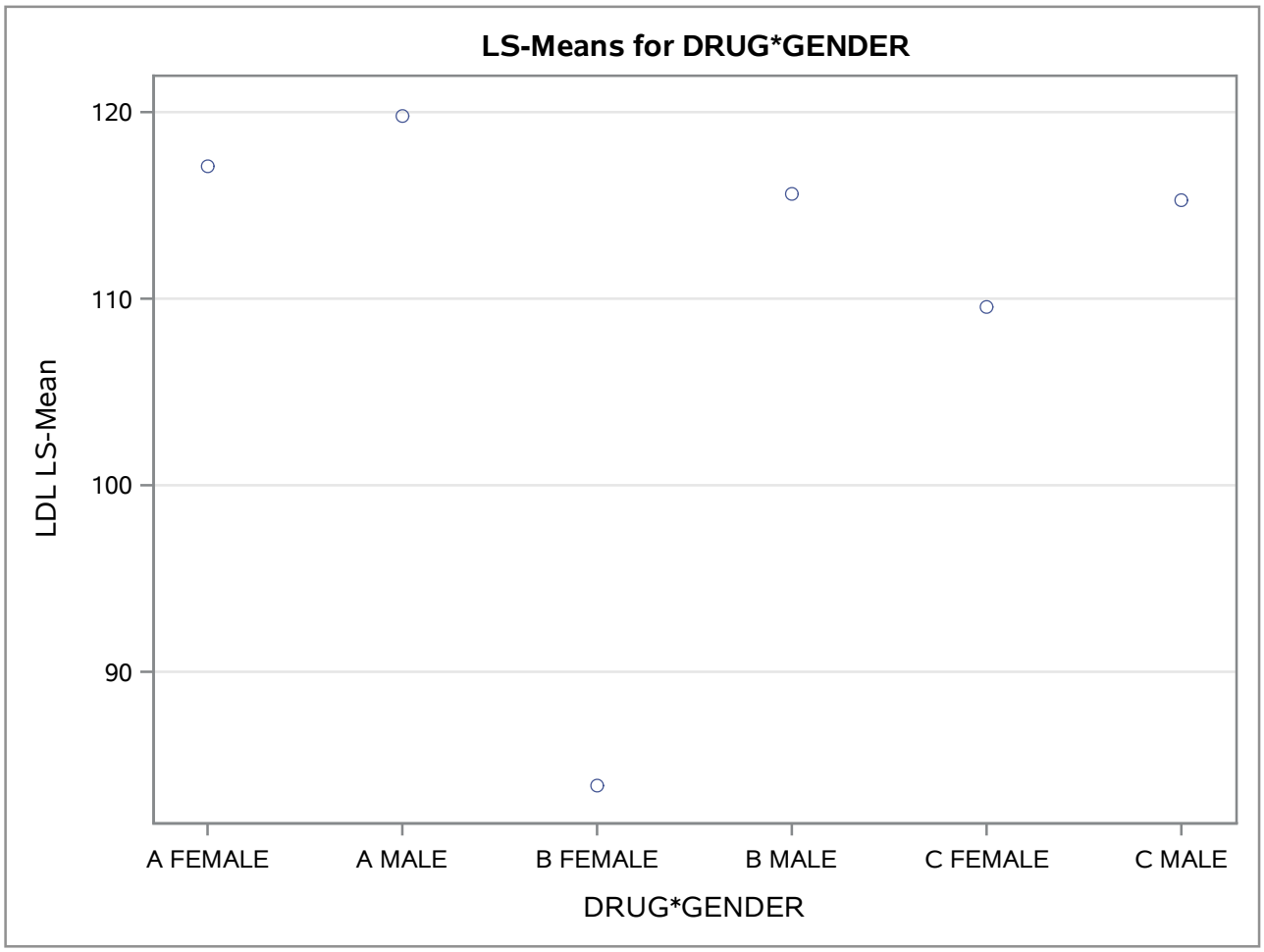
The GLM Procedure
Least Squares Means



DRUG	GENDER	LDL LSMEAN
A	FEMALE	117.111111
A	MALE	119.818182
B	FEMALE	83.888889
B	MALE	115.636364
C	FEMALE	109.555556
C	MALE	115.272727

Model Cholesterol with DRUG and GENDER

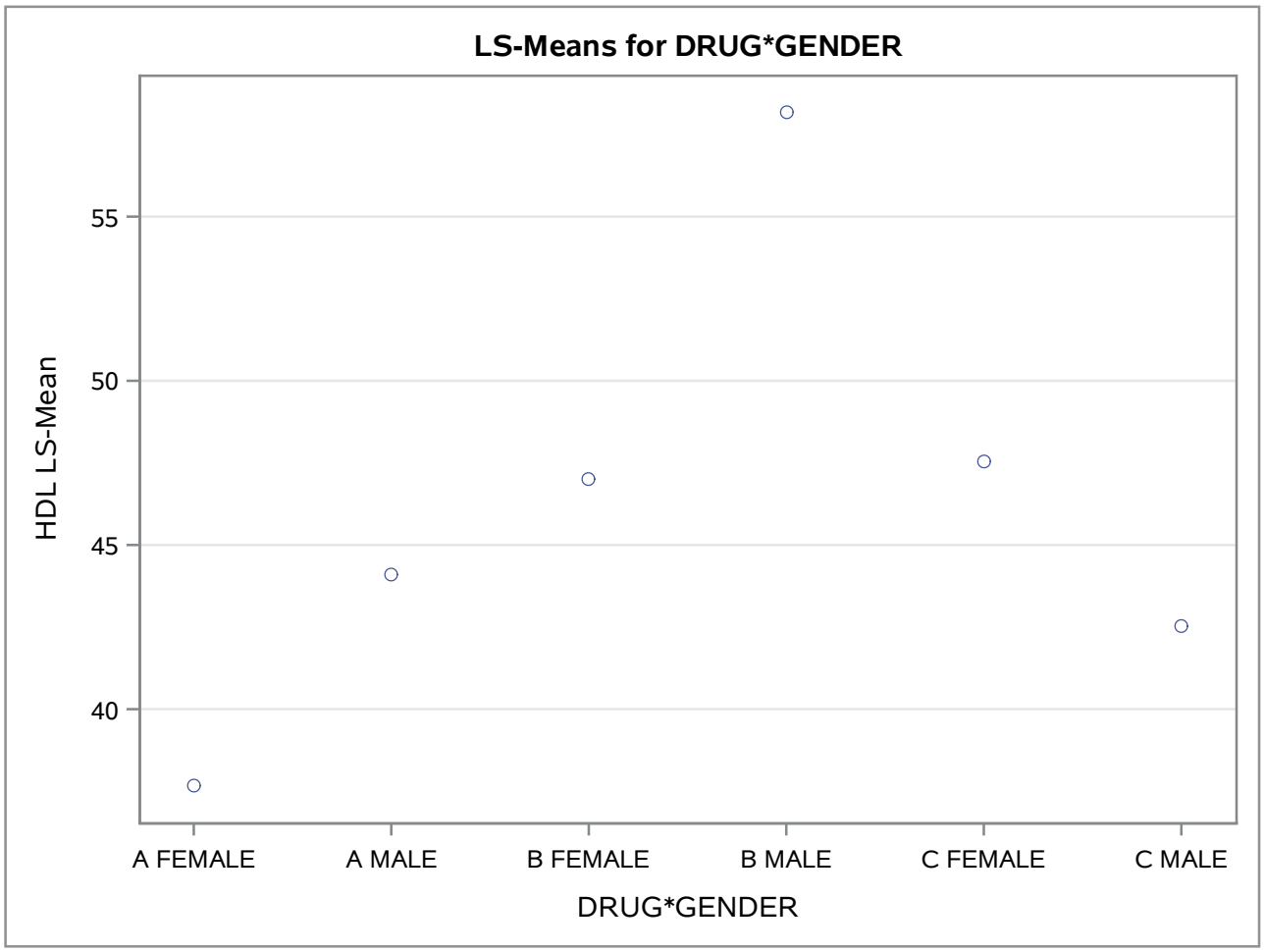
The GLM Procedure
Least Squares Means



DRUG	GENDER	HDL LSMEAN
A	FEMALE	37.6666667
A	MALE	44.0909091
B	FEMALE	47.0000000
B	MALE	58.1818182
C	FEMALE	47.5555556
C	MALE	42.5454545

Model Cholesterol with DRUG and GENDER

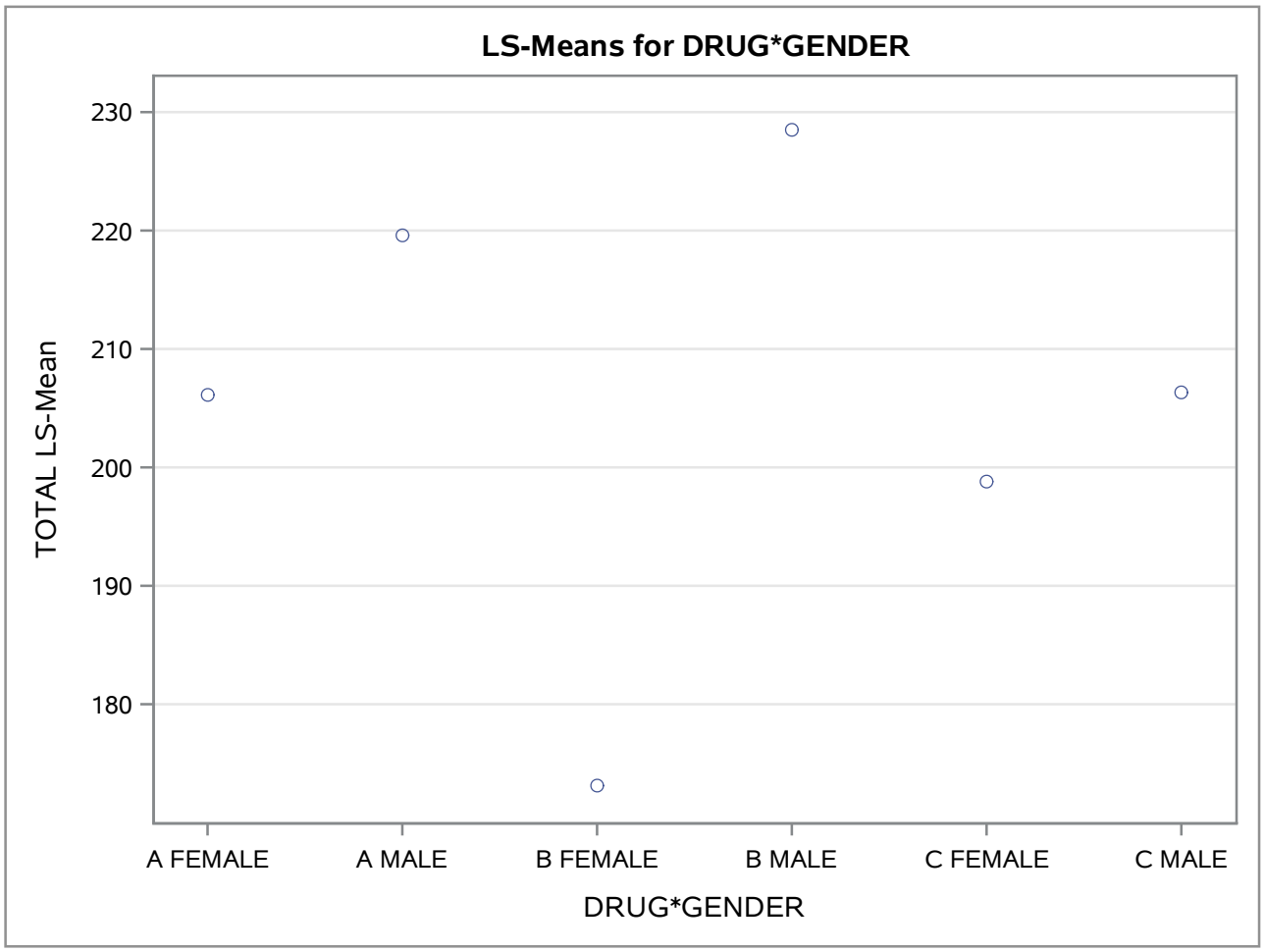
The GLM Procedure
Least Squares Means



DRUG	GENDER	TOTAL LSMEAN
A	FEMALE	206.111111
A	MALE	219.636364
B	FEMALE	173.111111
B	MALE	228.454545
C	FEMALE	198.777778
C	MALE	206.363636

Model Cholesterol with DRUG and GENDER

The GLM Procedure
Least Squares Means



Model Cholesterol with DRUG and GENDER

The GLM Procedure

Dependent Variable: LDL

Tests of Hypotheses Using the Type III MS for SUBJ(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	2662.715320	2662.715320	4.33	0.0521

Tests of Hypotheses Using the Type III MS for SUBJ*DRUG(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
DRUG	2	3558.984975	1779.492487	6.12	0.0052
DRUG*GENDER	2	2524.471044	1262.235522	4.34	0.0205

Model Cholesterol with DRUG and GENDER

The GLM Procedure

Dependent Variable: HDL

Tests of Hypotheses Using the Type III MS for SUBJ(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	261.7860269	261.7860269	2.07	0.1675

Tests of Hypotheses Using the Type III MS for SUBJ*DRUG(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
DRUG	2	1405.866444	702.933222	7.21	0.0023
DRUG*GENDER	2	685.669024	342.834512	3.52	0.0402

Model Cholesterol with DRUG and GENDER

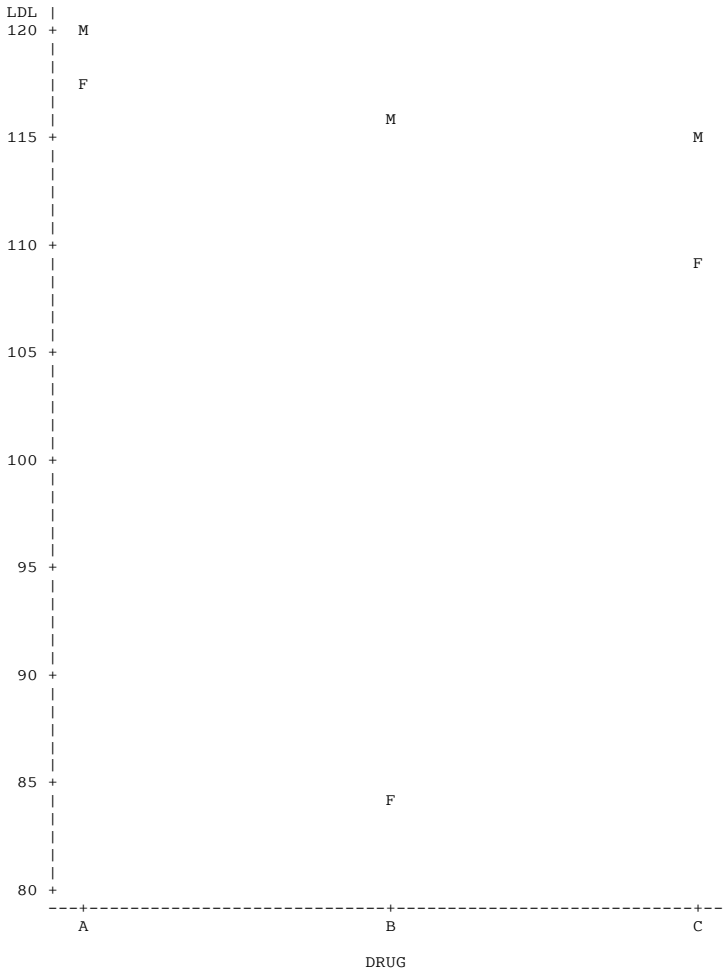
The GLM Procedure

Dependent Variable: TOTAL

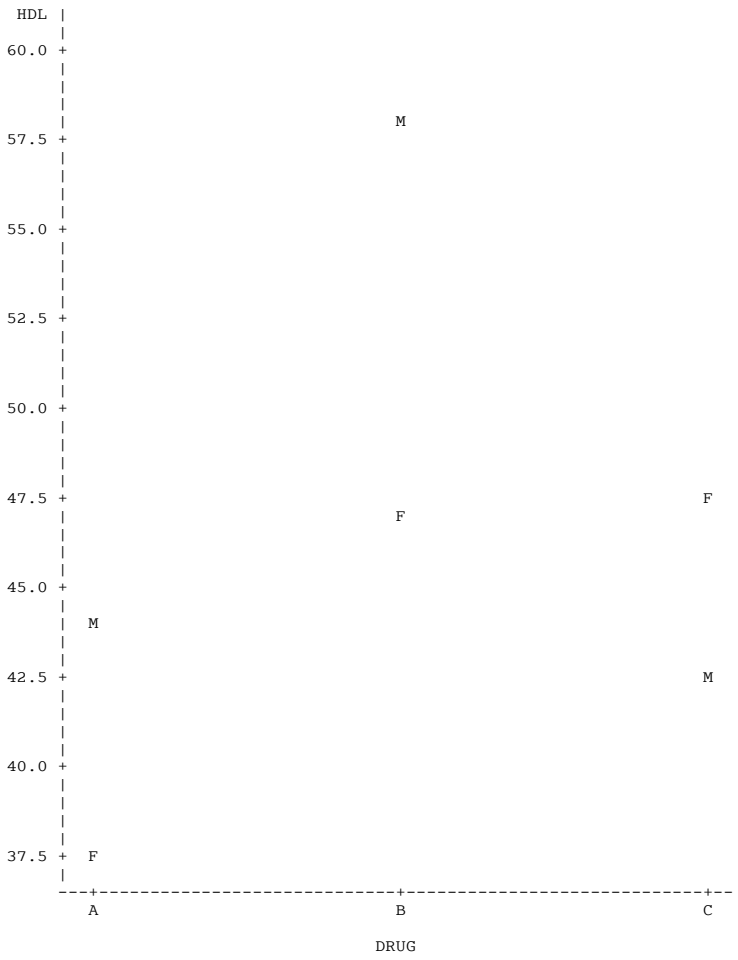
Tests of Hypotheses Using the Type III MS for SUBJ(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
GENDER	1	9644.740909	9644.740909	6.53	0.0198

Tests of Hypotheses Using the Type III MS for SUBJ*DRUG(GENDER) as an Error Term					
Source	DF	Type III SS	Mean Square	F Value	Pr > F
DRUG	2	1657.944352	828.972176	0.88	0.4238
DRUG*GENDER	2	6706.957576	3353.478788	3.56	0.0389

Plot of LDL*DRUG. Symbol is value of GENDER.



Plot of HDL*DRUG. Symbol is value of GENDER.



Plot of TOTAL*DRUG. Symbol is value of GENDER.