The GLM Procedure

Class Level Information		
Class	**Levels**	**Values**
DrugDose	4	1 2 3 4
Disease	3	A B C

Number of Observations Read	170
Number of Observations Used	170

The GLM Procedure
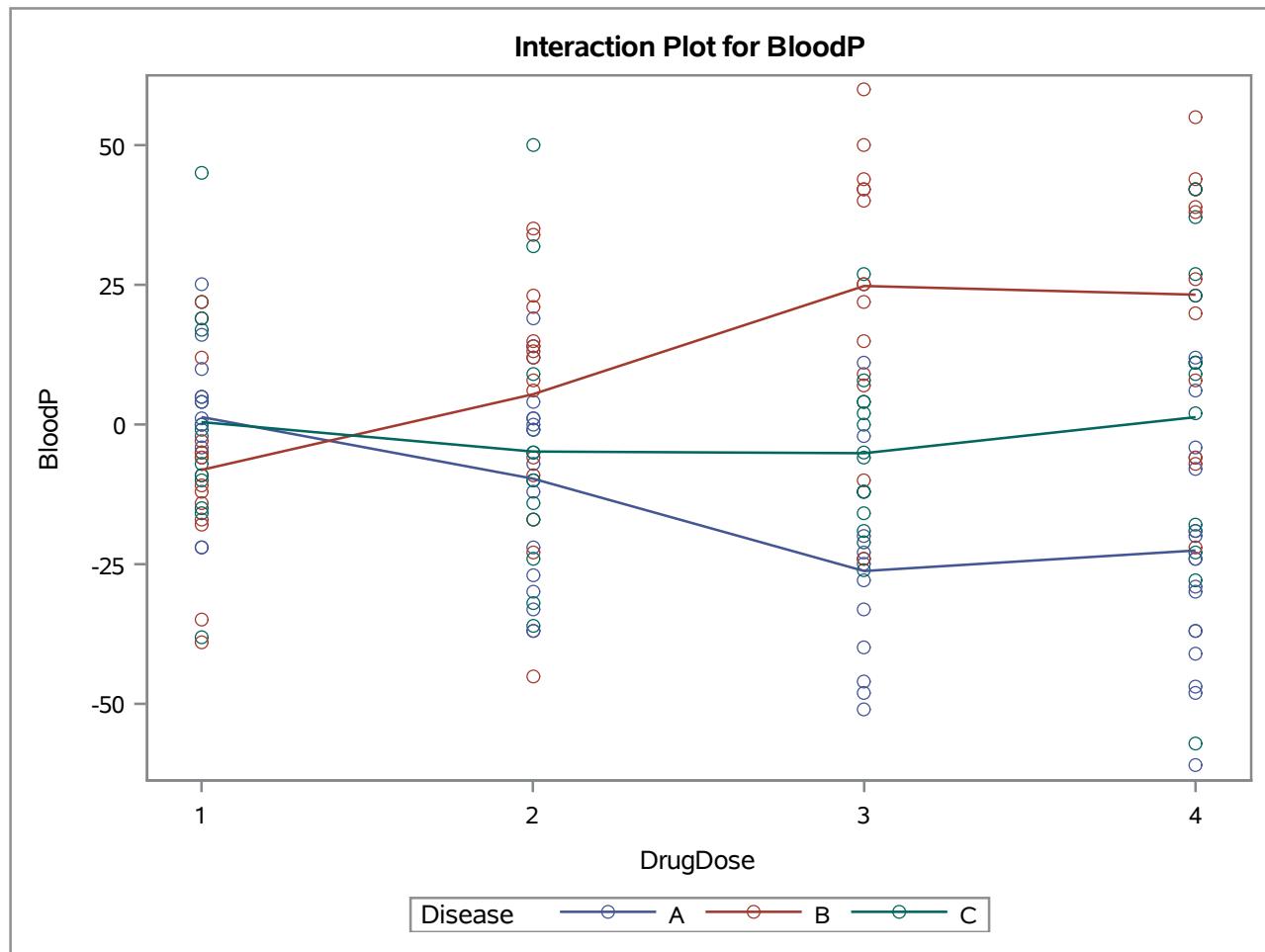
Dependent Variable: BloodP

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	11	36476.8353	3316.0759	7.66	<.0001
Error	158	68366.4589	432.6991		
Corrected Total	169	104843.2941			

R-Square	Coeff Var	Root MSE	BloodP Mean
0.347918	-906.7286	20.80142	-2.294118

Source	DF	Type I SS	Mean Square	F Value	Pr > F
DrugDose	3	54.03137	18.01046	0.04	0.9886
Disease	2	19276.48690	9638.24345	22.27	<.0001
DrugDose*Disease	6	17146.31698	2857.71950	6.60	<.0001

Source	DF	Type III SS	Mean Square	F Value	Pr > F
DrugDose	3	335.73526	111.91175	0.26	0.8551
Disease	2	18742.62386	9371.31193	21.66	<.0001
DrugDose*Disease	6	17146.31698	2857.71950	6.60	<.0001

The GLM Procedure

Dependent Variable: BloodP

Interaction Plot for BloodP

The GLM Procedure
Least Squares Means

DrugDose	Disease	BloodP LSMEAN
1	A	1.3333333
1	B	-8.1333333
1	C	0.4285714
2	A	-9.6875000
2	B	5.4000000
2	C	-4.8461538
3	A	-26.2307692
3	B	24.7857143
3	C	-5.1428571
4	A	-22.5555556
4	B	23.2307692
4	C	1.3076923

The GLM Procedure
Least Squares Means

DrugDose*Disease Effect Sliced by Disease for BloodP					
Disease	DF	Sum of Squares	Mean Square	F Value	Pr > F
A	3	6320.126747	2106.708916	4.87	0.0029
B	3	10561	3520.222833	8.14	<.0001
C	3	468.099308	156.033103	0.36	0.7815