

The GLM Procedure

Class Level Information		
Class	Levels	Values
Time	2	1 hour 24 hours
Drug	3	control ecstasy lithium

Number of Observations Read	24
Number of Observations Used	24

The GLM Procedure

Dependent Variable: Num_Errors

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	184.8750000	36.9750000	10.61	<.0001
Error	18	62.7500000	3.4861111		
Corrected Total	23	247.6250000			

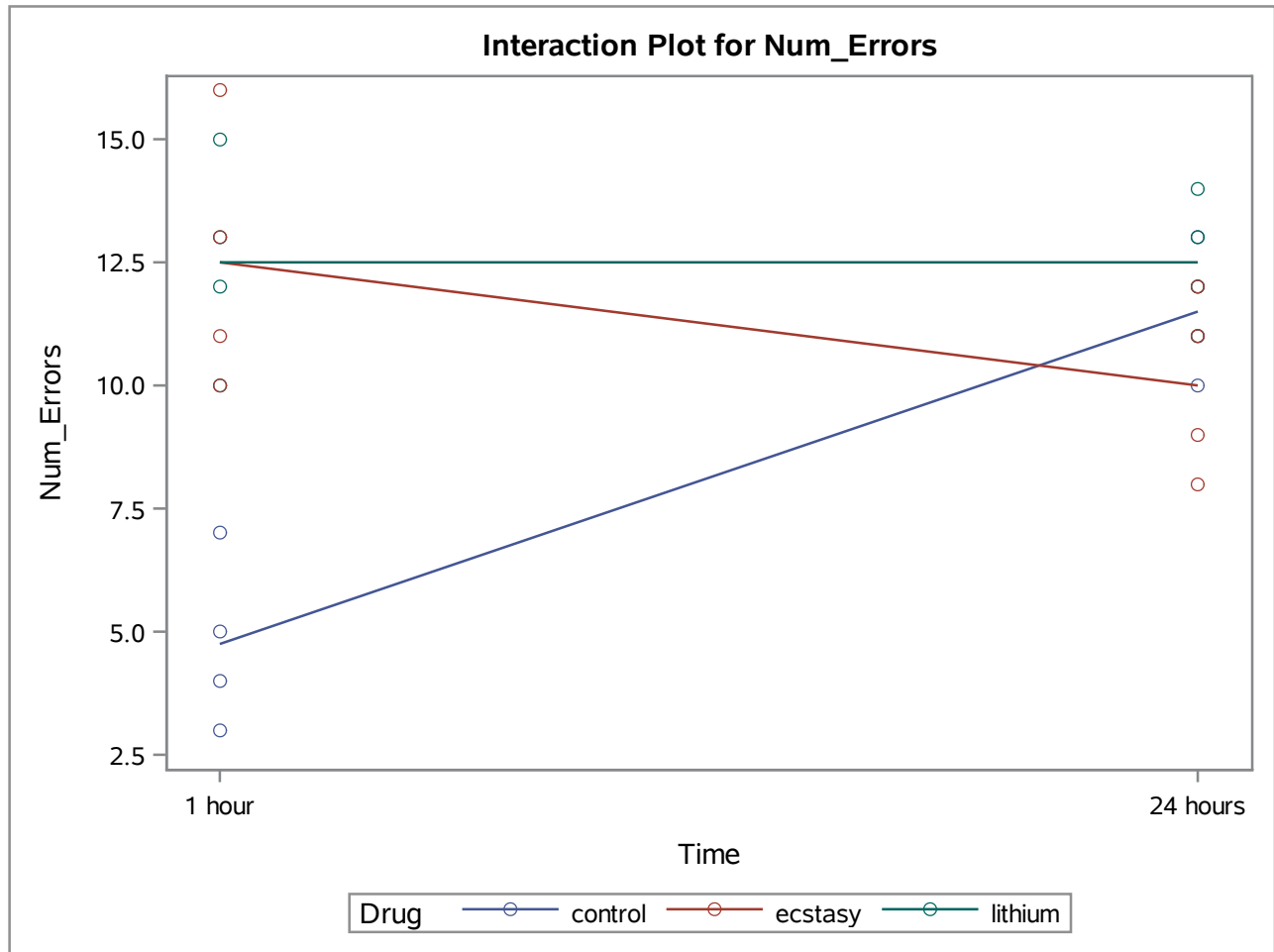
R-Square	Coeff Var	Root MSE	Num_Errors Mean
0.746593	17.57283	1.867113	10.62500

Source	DF	Type I SS	Mean Square	F Value	Pr > F
Time	1	12.04166667	12.04166667	3.45	0.0795
Drug	2	81.25000000	40.62500000	11.65	0.0006
Time*Drug	2	91.58333333	45.79166667	13.14	0.0003

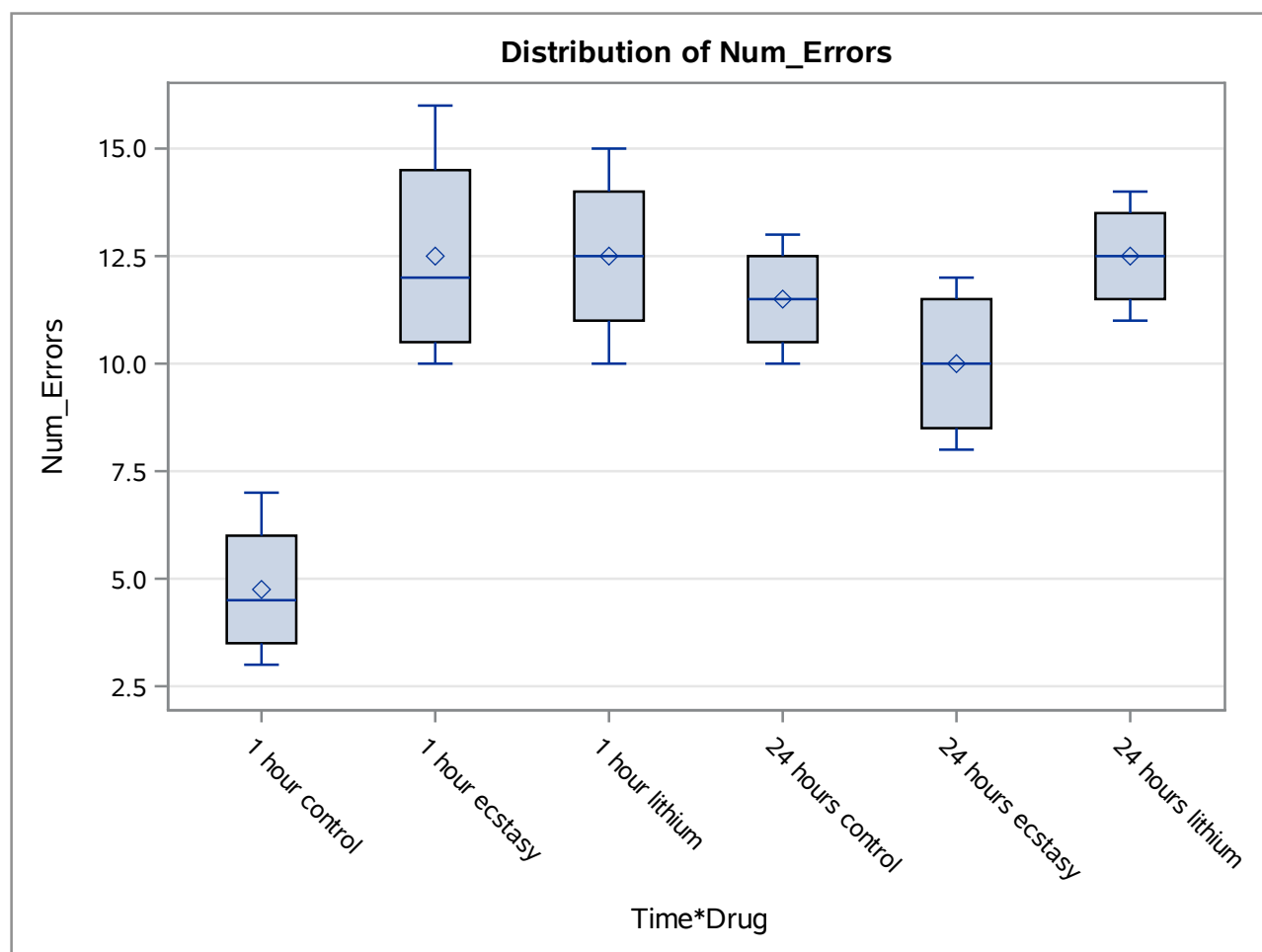
Source	DF	Type III SS	Mean Square	F Value	Pr > F
Time	1	12.04166667	12.04166667	3.45	0.0795
Drug	2	81.25000000	40.62500000	11.65	0.0006
Time*Drug	2	91.58333333	45.79166667	13.14	0.0003

The GLM Procedure

Dependent Variable: Num_Errors



The GLM Procedure



Level of Time	Level of Drug	N	Num_Errors	
			Mean	Std Dev
1 hour	control	4	4.7500000	1.70782513
1 hour	ecstasy	4	12.5000000	2.64575131
1 hour	lithium	4	12.5000000	2.08166600
24 hours	control	4	11.5000000	1.29099445
24 hours	ecstasy	4	10.0000000	1.82574186
24 hours	lithium	4	12.5000000	1.29099445

The GLM Procedure**Dependent Variable: Num_Errors**

Contrast	DF	Contrast SS	Mean Square	F Value	Pr > F
control vs. ecstasy/lithium	1	75.00000000	75.00000000	21.51	0.0002
lithium vs. ecstasy	1	6.25000000	6.25000000	1.79	0.1972
control vs. ecstasy/lithium by Time	1	85.33333333	85.33333333	24.48	0.0001
lithium vs. ecstasy by Time	1	6.25000000	6.25000000	1.79	0.1972