

The REG Procedure
 Model: MODEL1
 Dependent Variable: y

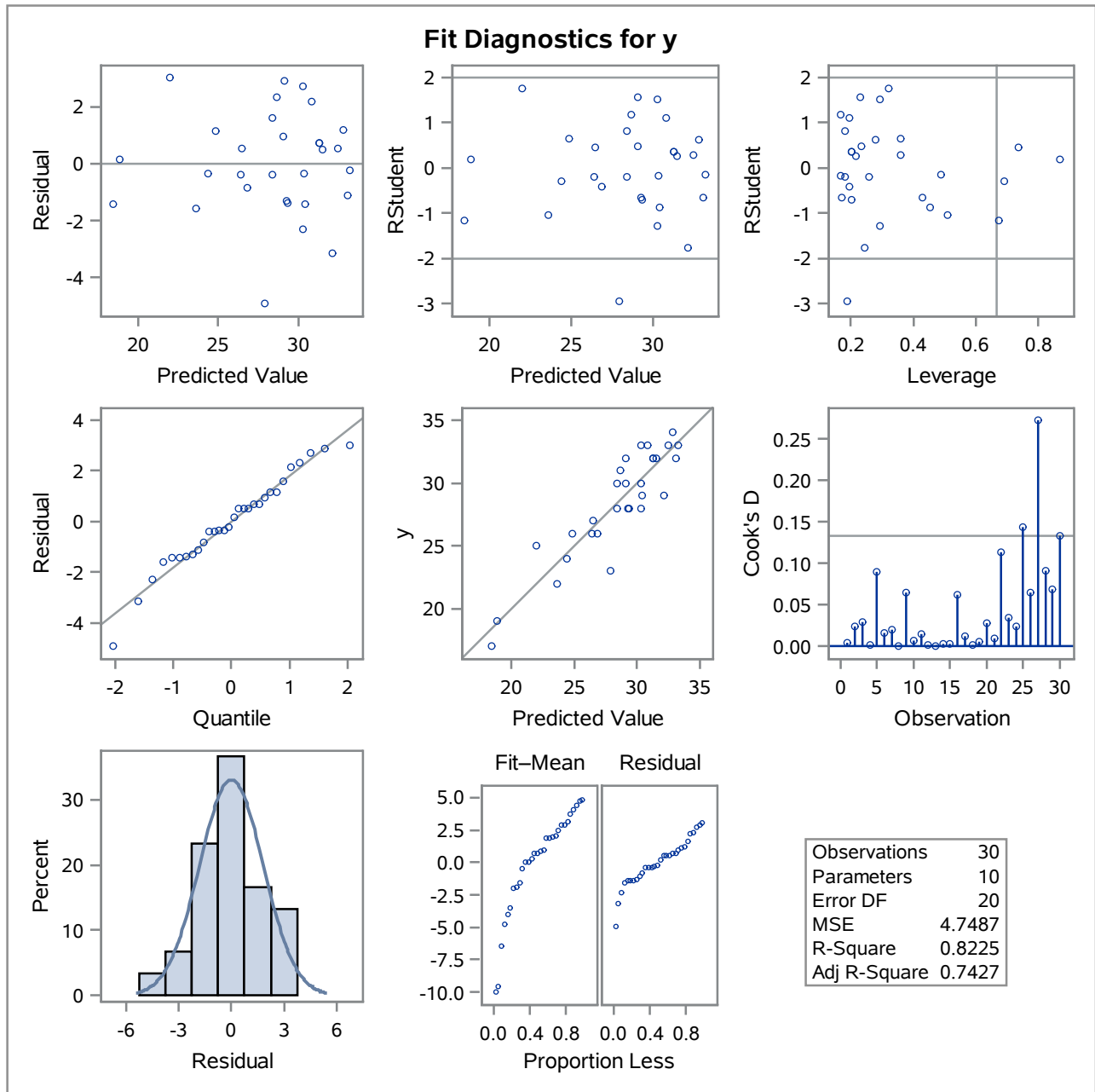
Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	440.22658	48.91406	10.30	<.0001
Error	20	94.97342	4.74867		
Corrected Total	29	535.20000			

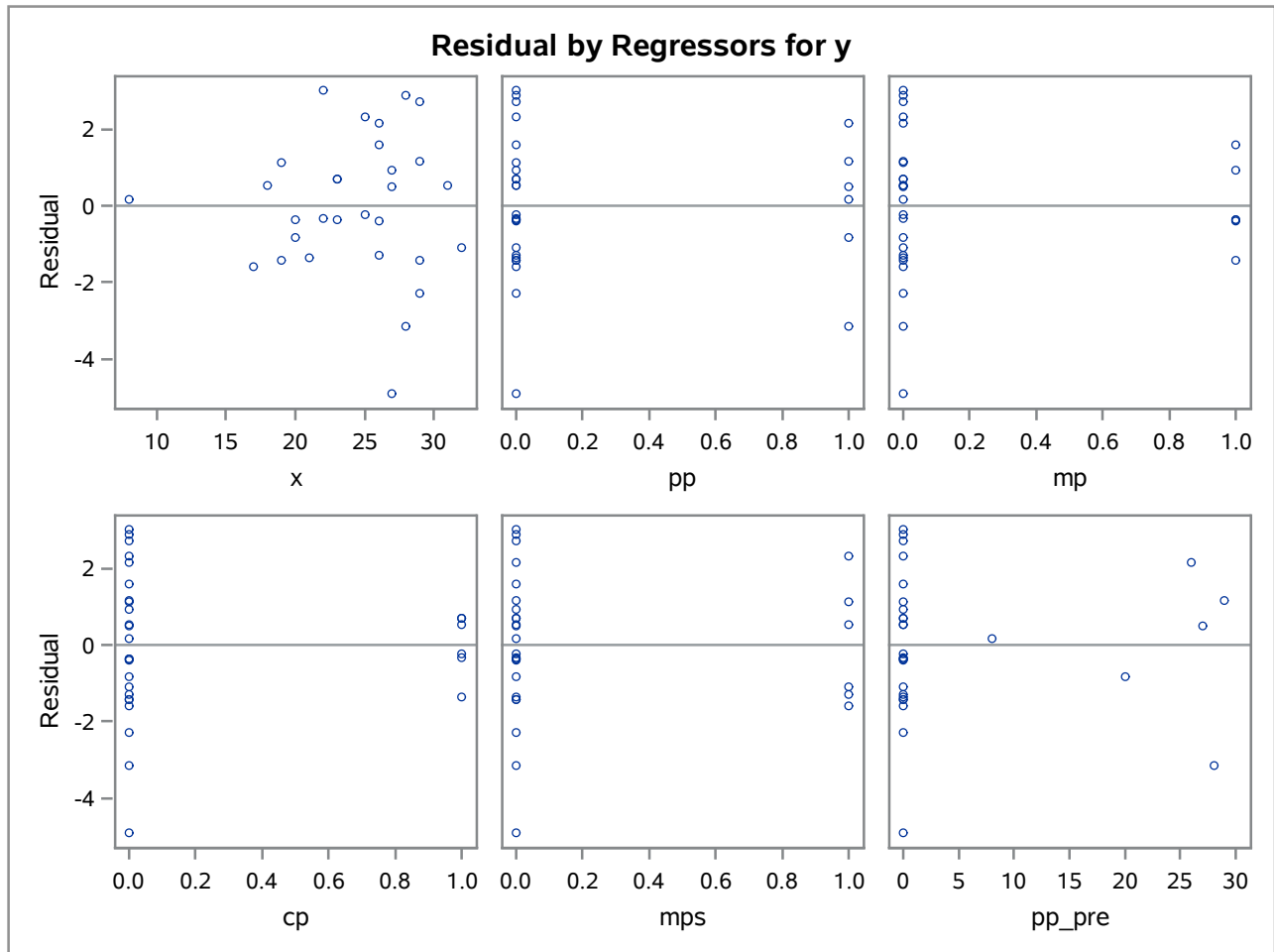
Root MSE	2.17914	R-Square	0.8225
Dependent Mean	28.40000	Adj R-Sq	0.7427
Coeff Var	7.67304		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-4.13359	6.05078	-0.68	0.5023
x	1	1.18702	0.23318	5.09	<.0001
pp	1	17.65755	6.72707	2.62	0.0162
mp	1	15.05162	9.82699	1.53	0.1413
cp	1	13.25264	10.93103	1.21	0.2395
mps	1	16.94004	7.30479	2.32	0.0311
pp_pre	1	-0.52140	0.26308	-1.98	0.0614
mp_pre	1	-0.51489	0.38444	-1.34	0.1955
cp_pre	1	-0.22274	0.47325	-0.47	0.6430
mps_pre	1	-0.55261	0.28267	-1.95	0.0647

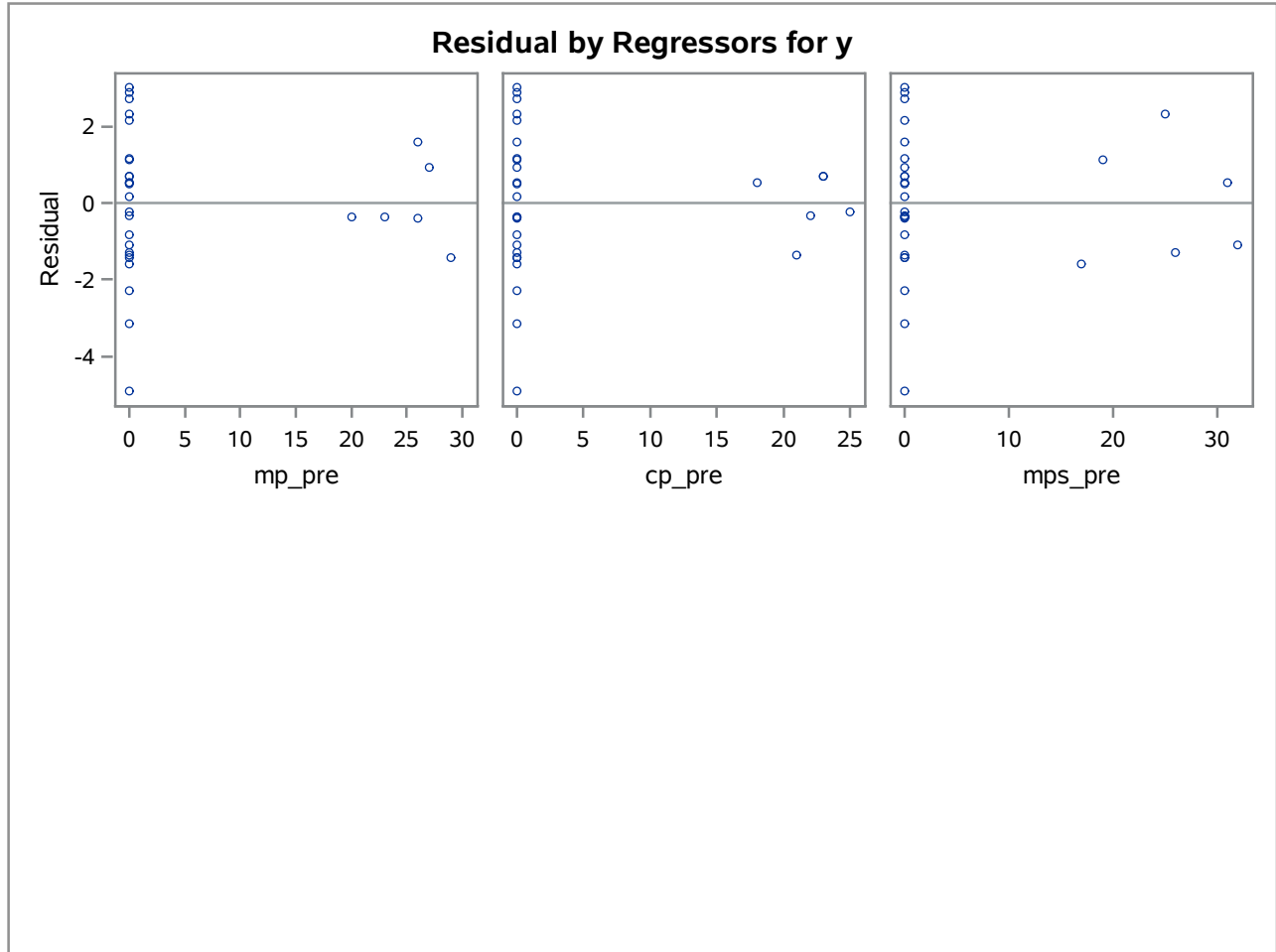
The REG Procedure
Model: MODEL1
Dependent Variable: y



The REG Procedure
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Dependent Variable: y



The REG Procedure
Model: MODEL1
Dependent Variable: y



The REG Procedure
 Model: MODEL2
 Dependent Variable: y

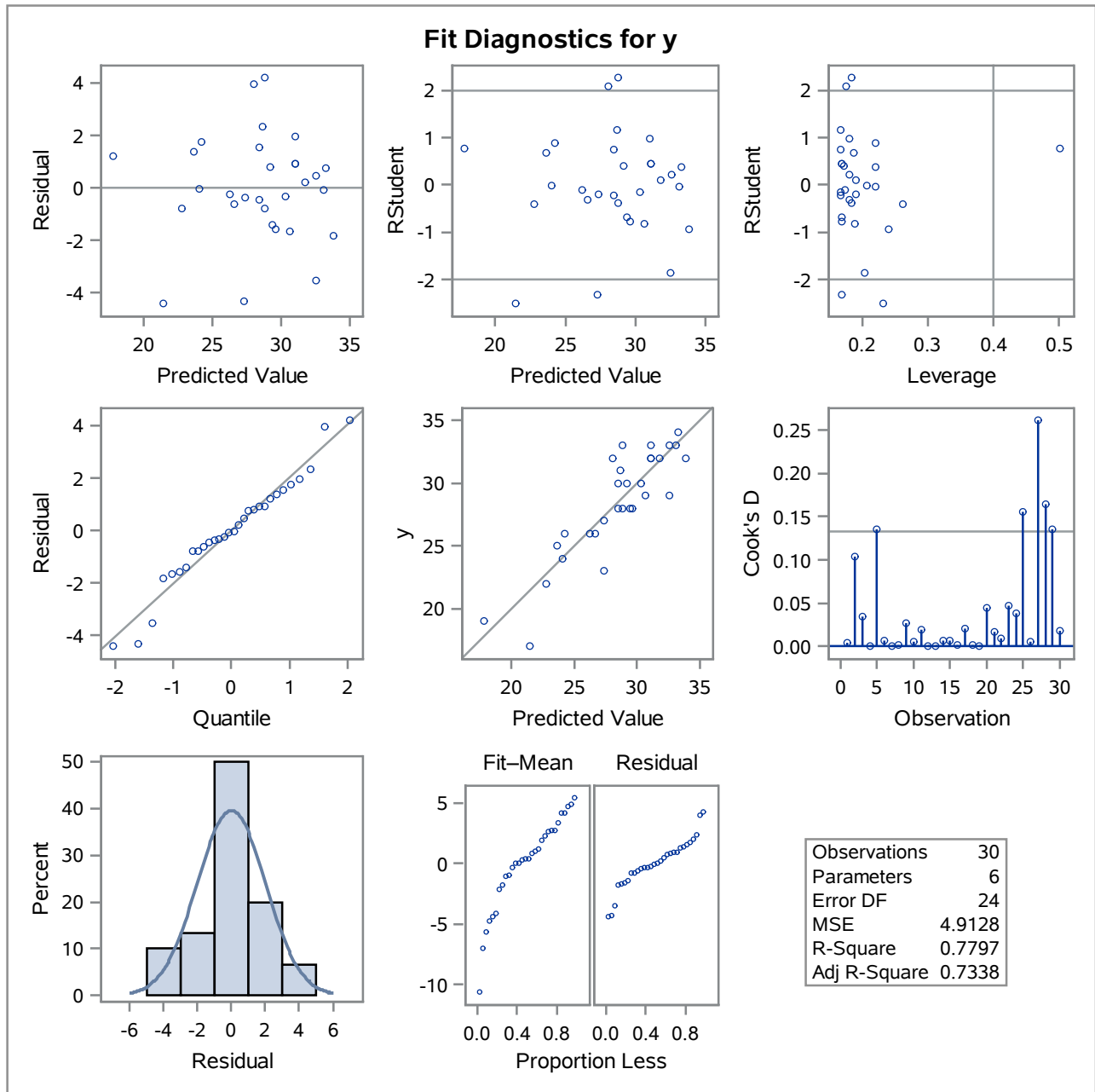
Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	417.29187	83.45837	16.99	<.0001
Error	24	117.90813	4.91284		
Corrected Total	29	535.20000			

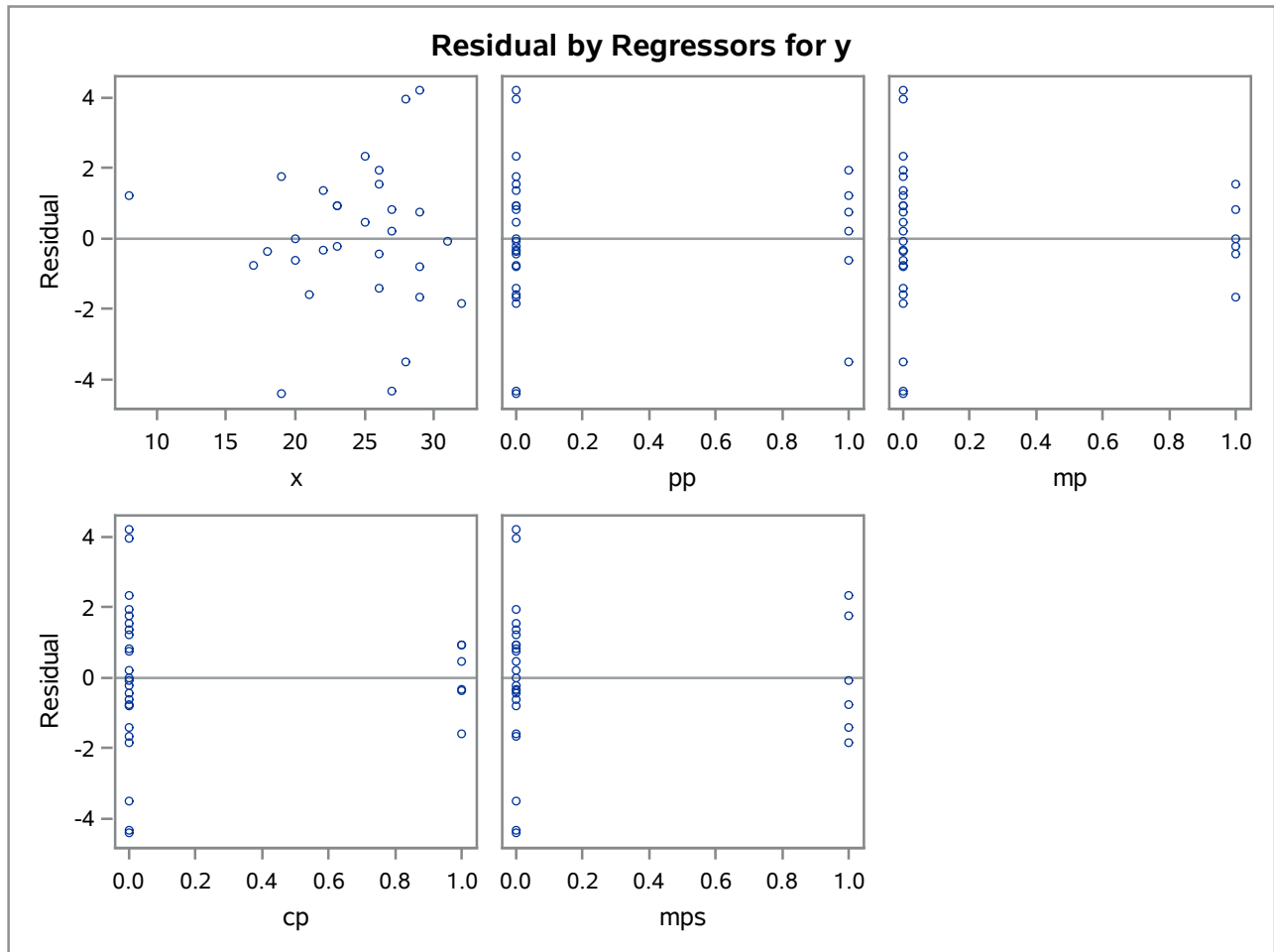
Root MSE	2.21649	R-Square	0.7797
Dependent Mean	28.40000	Adj R-Sq	0.7338
Coeff Var	7.80455		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	7.39995	2.37356	3.12	0.0047
x	1	0.73766	0.08549	8.63	<.0001
pp	1	4.46710	1.29984	3.44	0.0022
mp	1	1.86883	1.28041	1.46	0.1574
cp	1	6.70477	1.31753	5.09	<.0001
mps	1	2.82511	1.28096	2.21	0.0372

The REG Procedure
Model: MODEL2
Dependent Variable: y



The REG Procedure
Model: MODEL2
Dependent Variable: y



The REG Procedure
 Model: MODEL3
 Dependent Variable: y

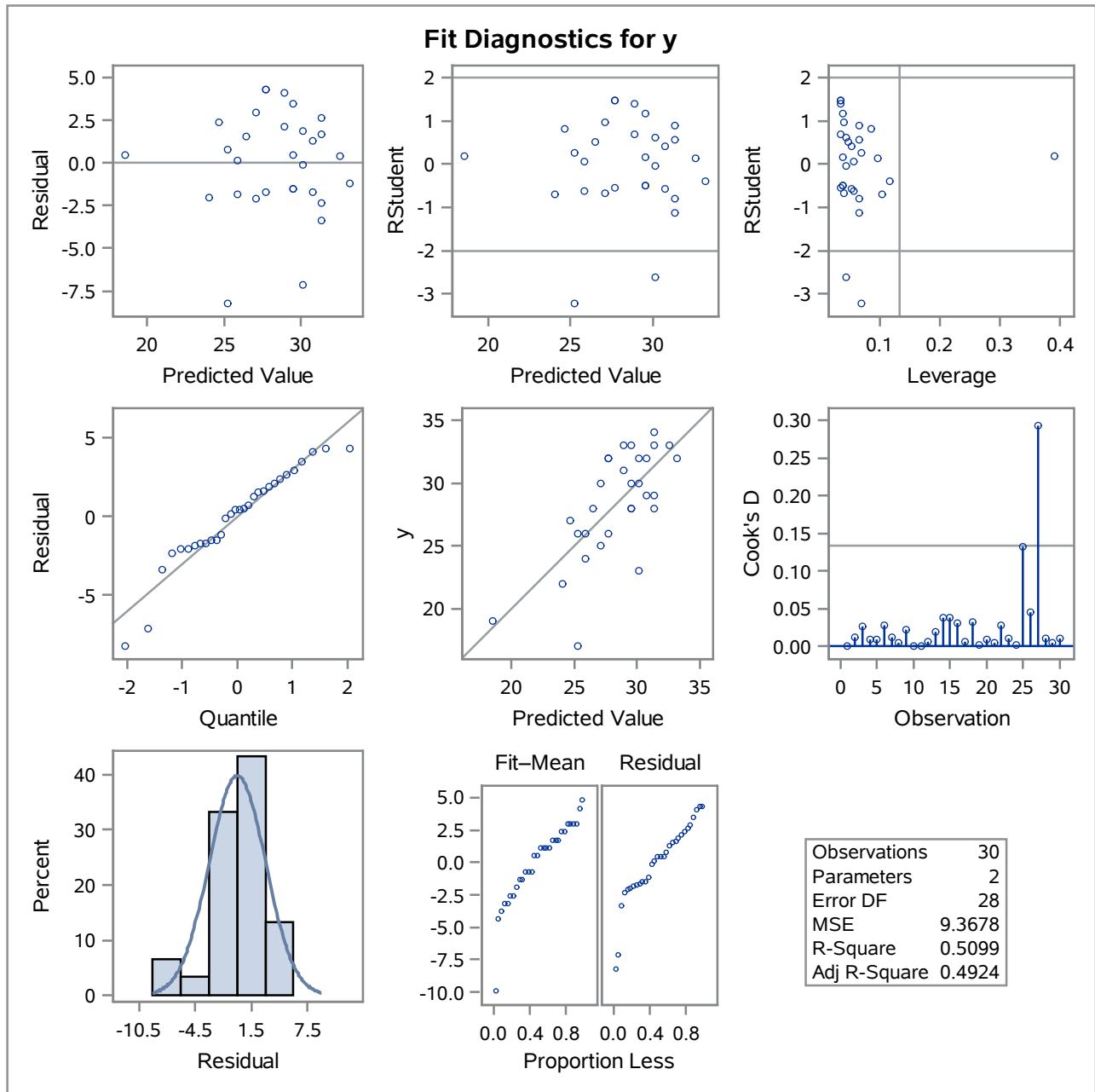
Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	272.90098	272.90098	29.13	<.0001
Error	28	262.29902	9.36782		
Corrected Total	29	535.20000			

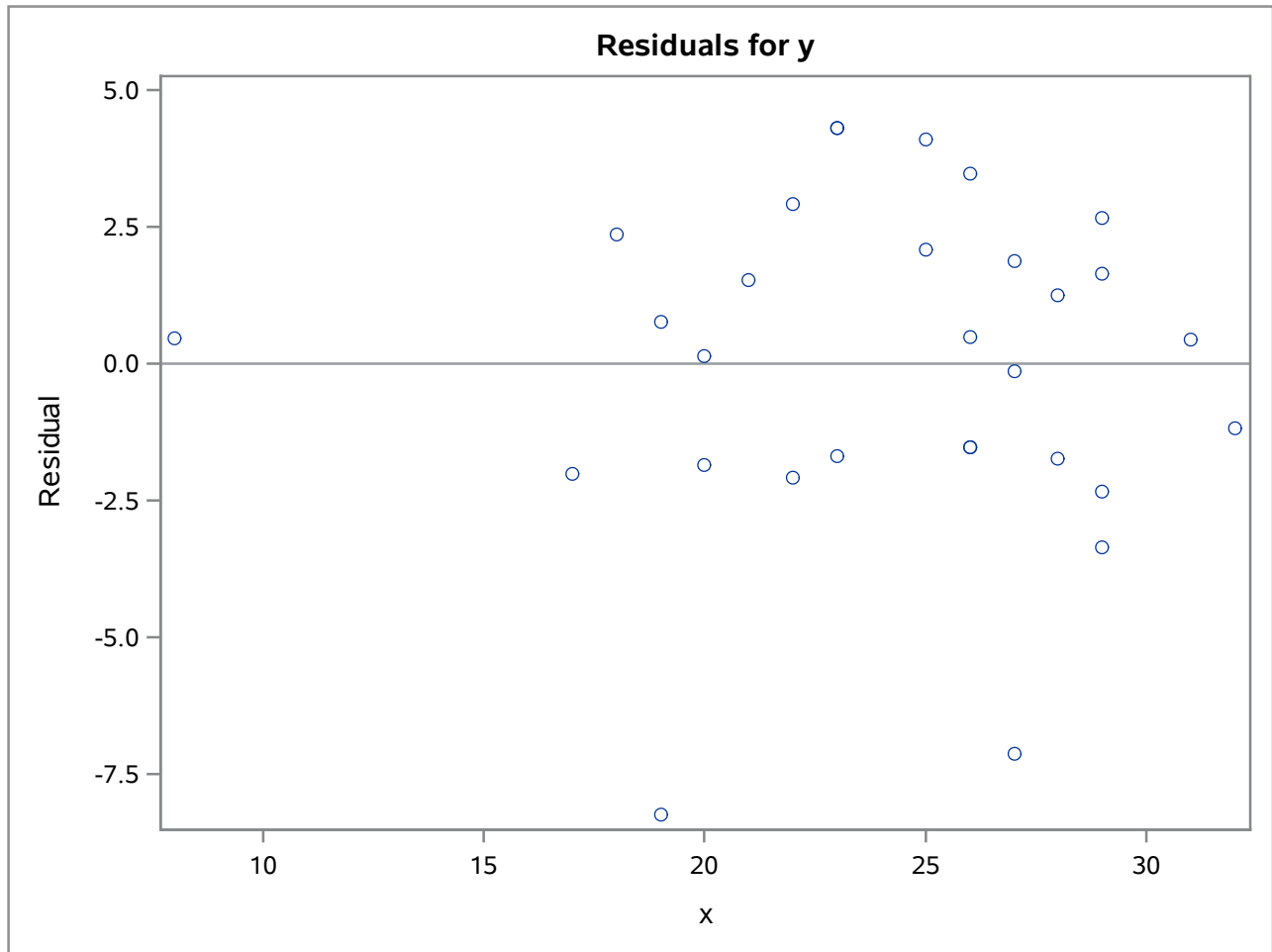
Root MSE	3.06069	R-Square	0.5099
Dependent Mean	28.40000	Adj R-Sq	0.4924
Coeff Var	10.77708		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	13.64585	2.79011	4.89	<.0001
x	1	0.61052	0.11311	5.40	<.0001

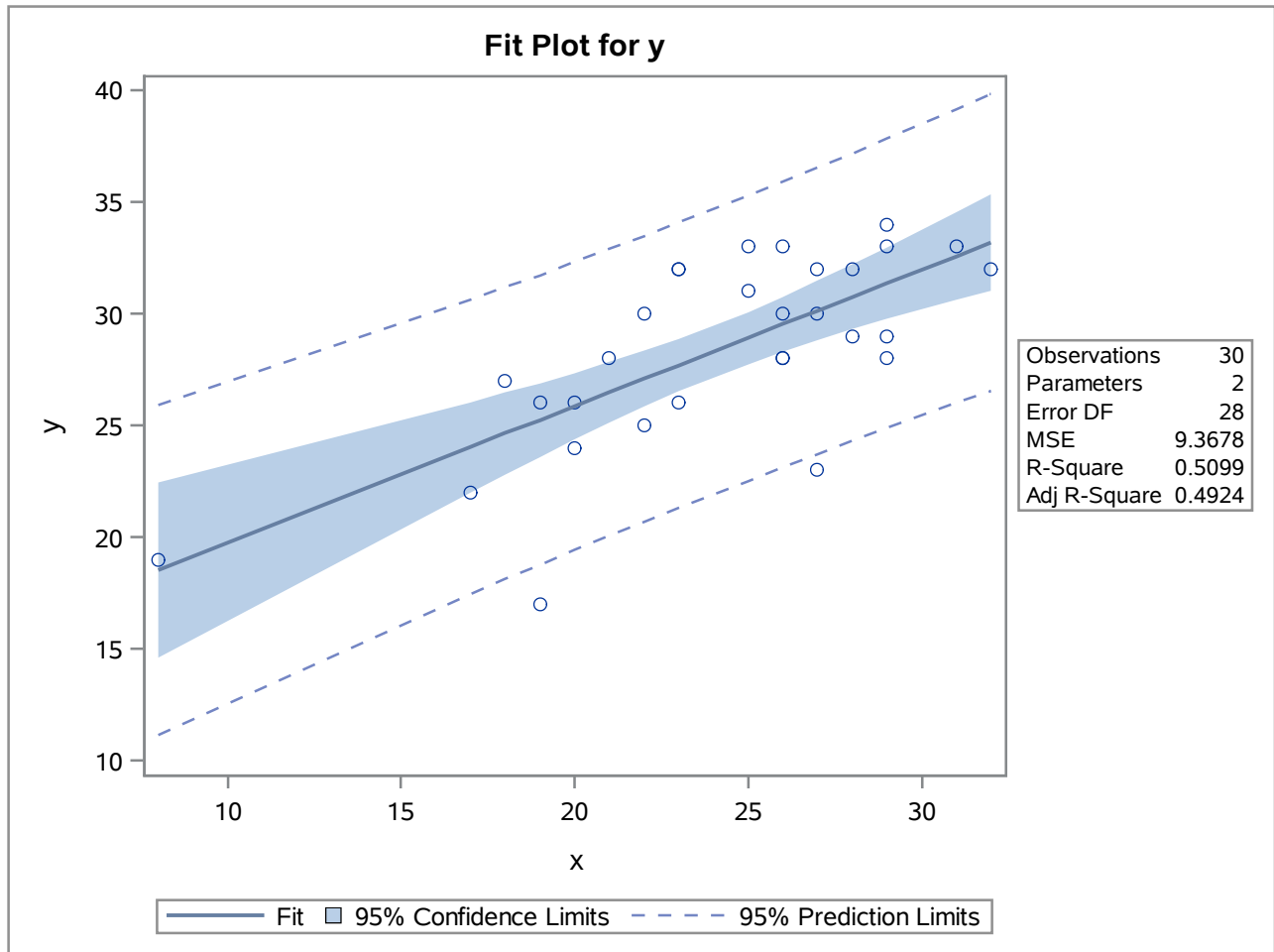
The REG Procedure
Model: MODEL3
Dependent Variable: y



The REG Procedure
Model: MODEL3
Dependent Variable: y



The REG Procedure
Model: MODEL3
Dependent Variable: y



The GLM Procedure

Class Level Information		
Class	Levels	Values
condition	5	1 2 3 4 5

Number of Observations Read	30
Number of Observations Used	30

The GLM Procedure

Dependent Variable: y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	440.2265759	48.9140640	10.30	<.0001
Error	20	94.9734241	4.7486712		
Corrected Total	29	535.2000000			

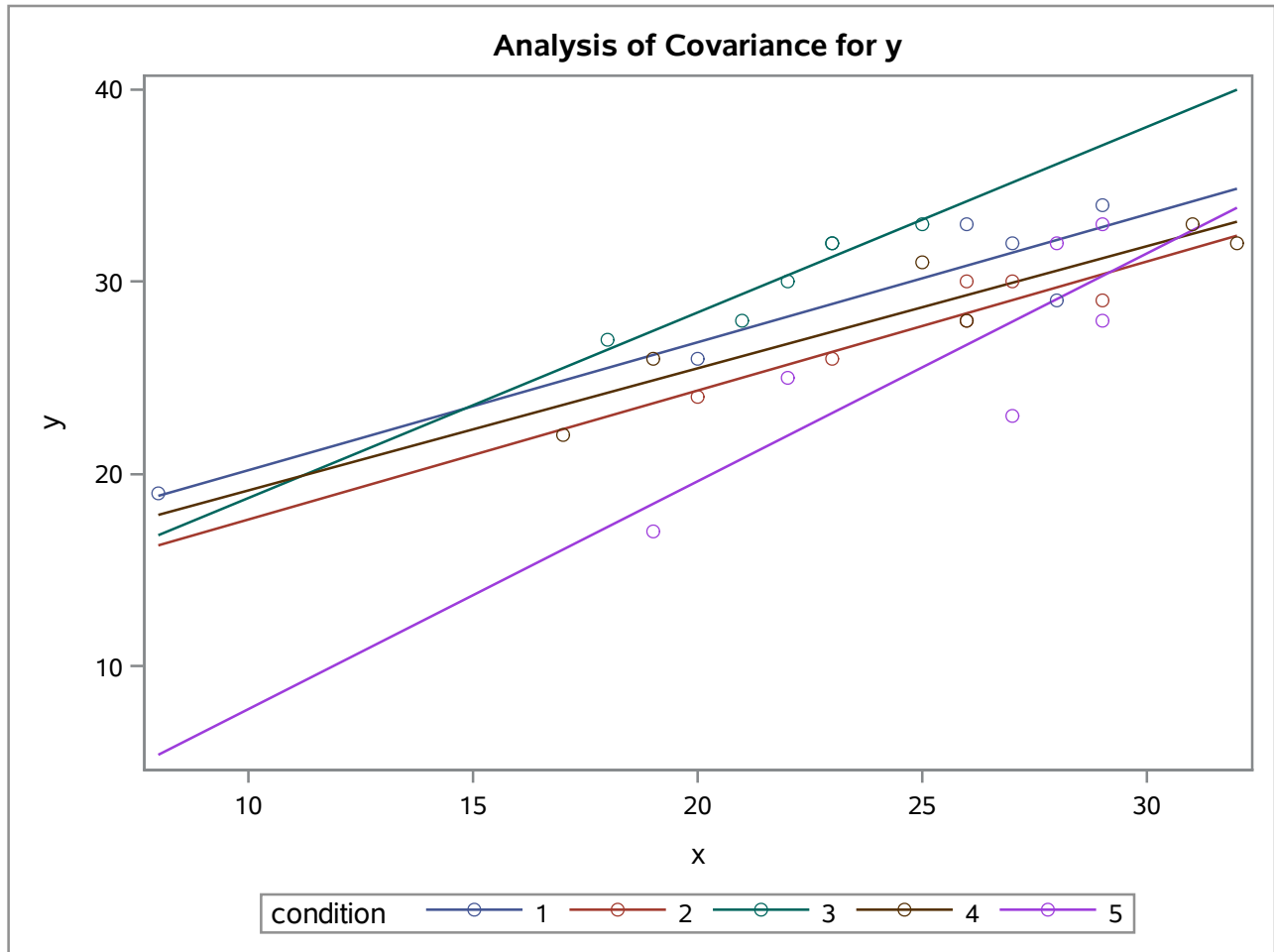
R-Square	Coeff Var	Root MSE	y Mean
0.822546	7.673044	2.179145	28.40000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
x	1	272.9009788	272.9009788	57.47	<.0001
condition	4	144.3908883	36.0977221	7.60	0.0007
x*condition	4	22.9347088	5.7336772	1.21	0.3386

Source	DF	Type III SS	Mean Square	F Value	Pr > F
x	1	225.6895644	225.6895644	47.53	<.0001
condition	4	34.3055747	8.5763937	1.81	0.1673
x*condition	4	22.9347088	5.7336772	1.21	0.3386

The GLM Procedure

Dependent Variable: y



The GLM Procedure

Class Level Information		
Class	Levels	Values
condition	5	1 2 3 4 5

Number of Observations Read	30
Number of Observations Used	30

The GLM Procedure

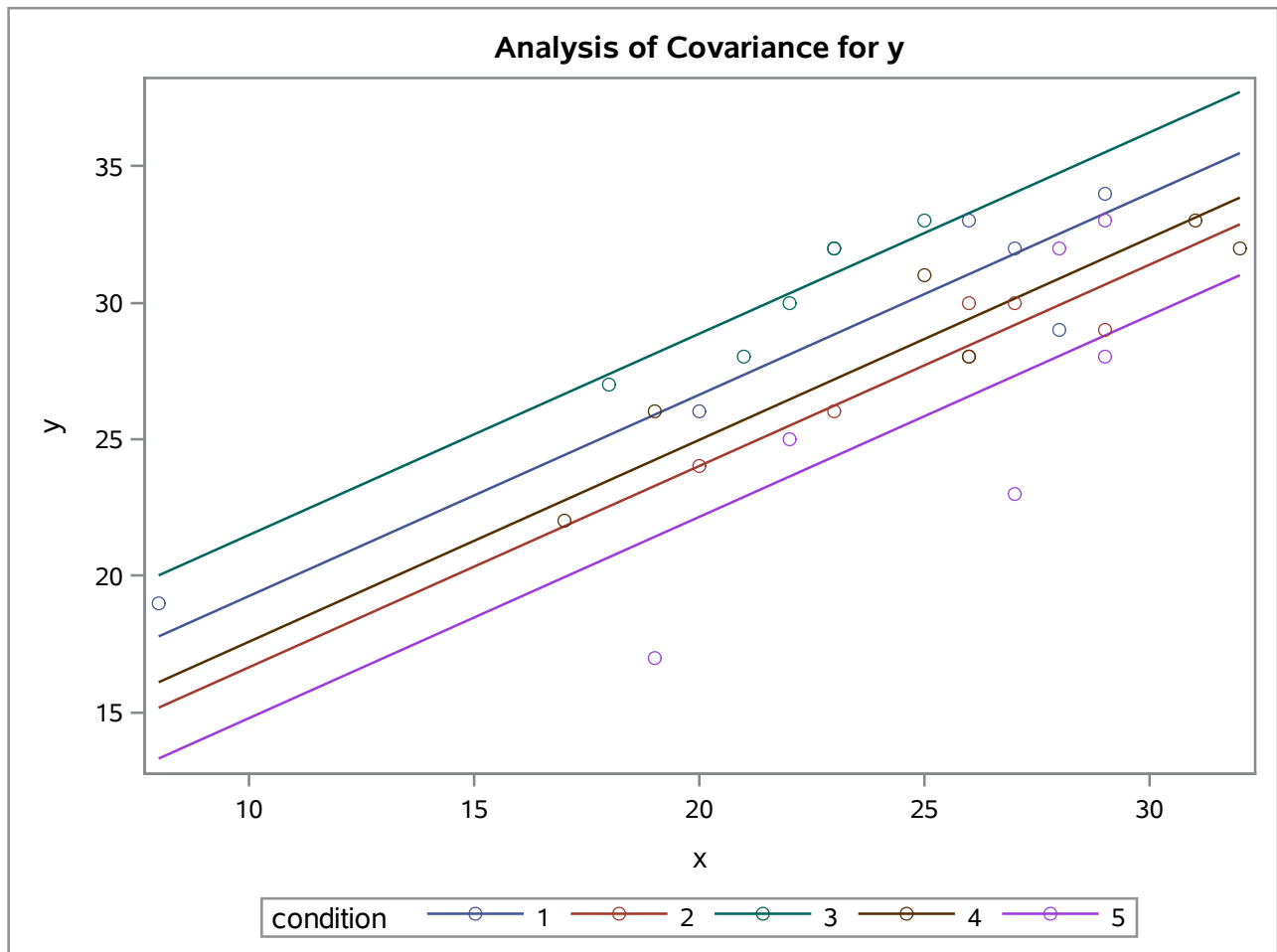
Dependent Variable: y

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	417.2918671	83.4583734	16.99	<.0001
Error	24	117.9081329	4.9128389		
Corrected Total	29	535.2000000			

R-Square	Coeff Var	Root MSE	y Mean
0.779693	7.804551	2.216492	28.40000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
x	1	272.9009788	272.9009788	55.55	<.0001
condition	4	144.3908883	36.0977221	7.35	0.0005

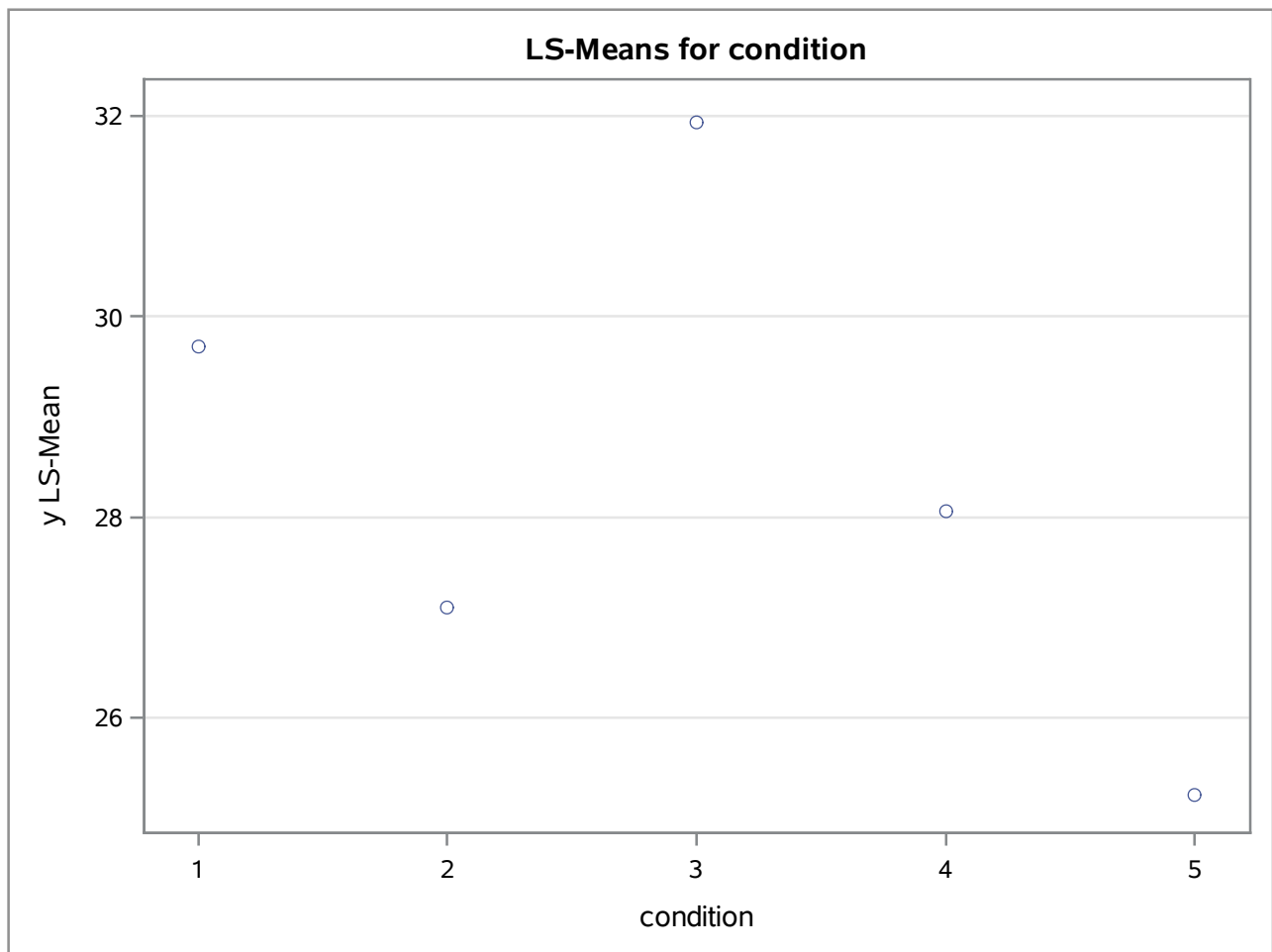
Source	DF	Type III SS	Mean Square	F Value	Pr > F
x	1	365.7585338	365.7585338	74.45	<.0001
condition	4	144.3908883	36.0977221	7.35	0.0005



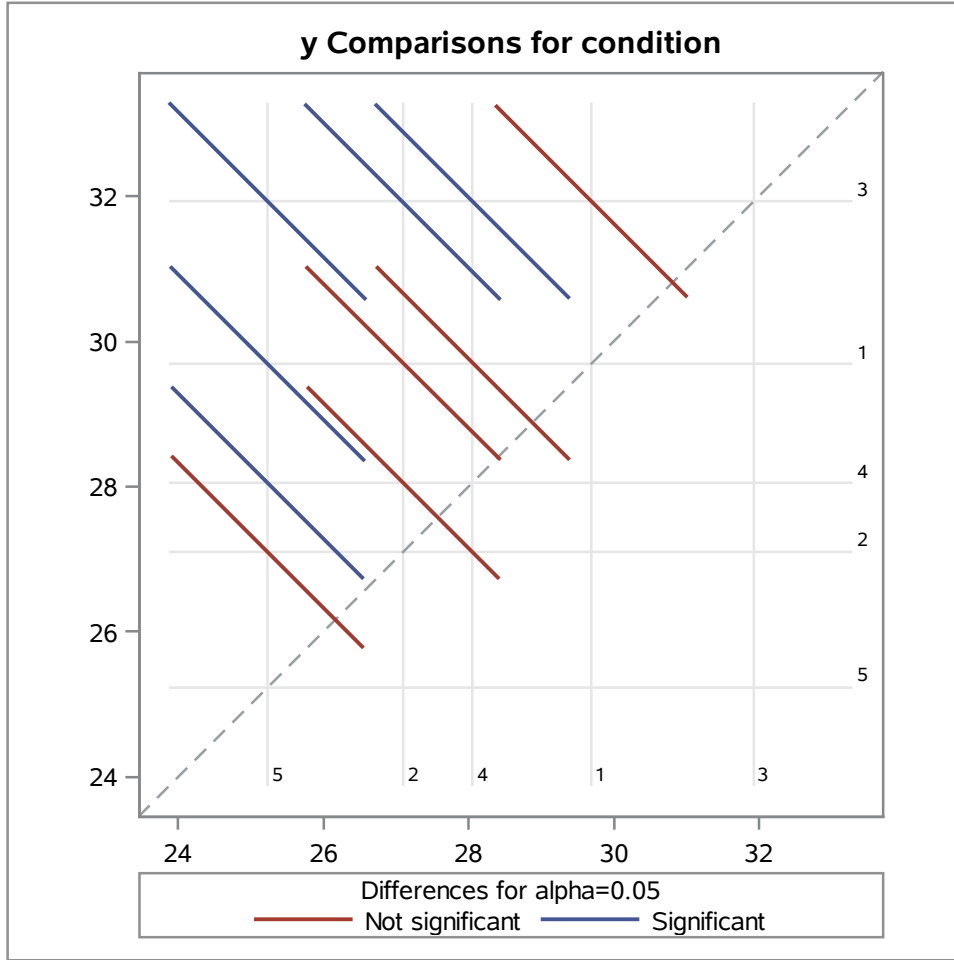
The GLM Procedure
Least Squares Means

condition	y LSMEAN	Standard Error	Pr > t	LSMEAN Number
1	29.6939416	0.9103597	<.0001	1
2	27.0956691	0.9089089	<.0001	2
3	31.9316059	0.9236439	<.0001	3
4	28.0519464	0.9076795	<.0001	4
5	25.2268369	0.9139210	<.0001	5

Least Squares Means for effect condition Pr > t for H0: LSMean(i)=LSMean(j)					
Dependent Variable: y					
i/j	1	2	3	4	5
1		0.0559	0.0938	0.2156	0.0022
2	0.0559		0.0011	0.4622	0.1574
3	0.0938	0.0011		0.0066	<.0001
4	0.2156	0.4622	0.0066		0.0372
5	0.0022	0.1574	<.0001	0.0372	



The GLM Procedure
Least Squares Means



Note: To ensure overall protection level, only probabilities associated with pre-planned comparisons should be used.