The REG Procedure
Model: MODEL1

Model Crossproducts X'X X'Y Y'Y				
Variable	**Intercept**	**x1**	**x2**	**y1**
Intercept	4	3	0	327
x1	3	5	0	292
x2	0	0	10	99
y1	327	292	99	28517

The REG Procedure
Model: MODEL1
Dependent Variable: y1

Number of Observations Read	4
Number of Observations Used	4

X'X Inverse, Parameter Estimates, and SSE				
Variable	**Intercept**	**x1**	**x2**	**y1**
Intercept	0.4545454545	-0.272727273	0	69
x1	-0.272727273	0.3636363636	0	17
x2	0	0	0.1	9.9
y1	69	17	9.9	9.9

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	1774.85000	887.42500	89.64	0.0745
Error	1	9.90000	9.90000		
Corrected Total	3	1784.75000			

Root MSE	3.14643	**R-Square**	0.9945
Dependent Mean	81.75000	**Adj R-Sq**	0.9834
Coeff Var	3.84884		

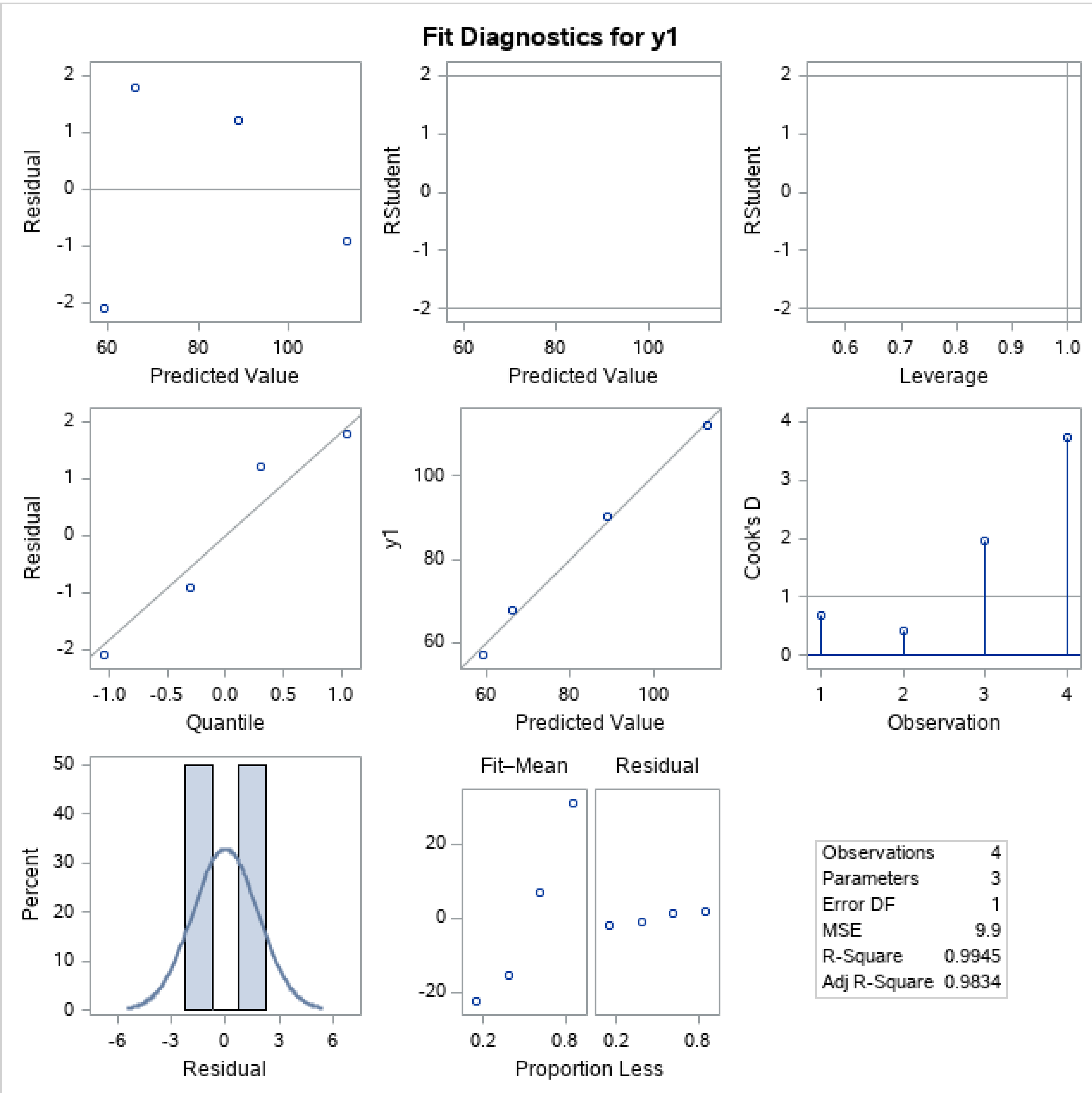
Parameter Estimates					
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	69.00000	2.12132	32.53	0.0196
x1	1	17.00000	1.89737	8.96	0.0708
x2	1	9.90000	0.99499	9.95	0.0638

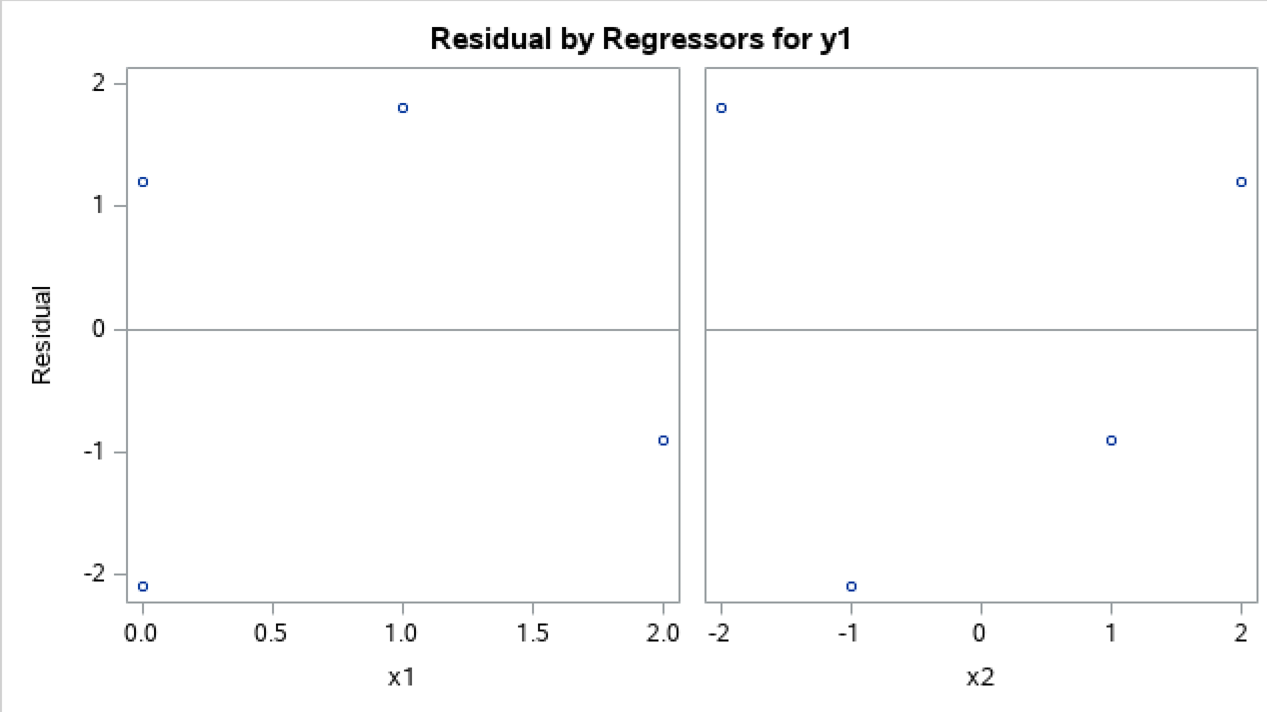
Covariance of Estimates			
Variable	**Intercept**	**x1**	**x2**
Intercept	4.5	-2.7	0
x1	-2.7	3.6	0
x2	0	0	0.99

The REG Procedure
Model: MODEL1
Dependent Variable: y1

Output Statistics						
Obs	**Dependent Variable**	**Predicted Value**	**Std Error Mean Predict**	**95% CL Mean**		**Residual**
1	68	66.2000	2.5807	33.4091	98.9909	1.8000
2	57	59.1000	2.3431	29.3284	88.8716	-2.1000
3	90	88.8000	2.9086	51.8426	125.7574	1.2000
4	112	112.9000	3.0150	74.5913	151.2087	-0.9000

Sum of Residuals	0
Sum of Squared Residuals	9.90000
Predicted Residual SS (PRESS)	241.53699




Residual by Regressors for y1
Residual
2
1
0
-1
-2
0.0
0.5
1.0
1.5
2.0
x1
-2
-1
0
1
2
x2