The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: wheatyld

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	3	781897	260632	22.87	<.0001
Error	26	296270	11395		
Corrected Total	29	1078168			

Root MSE	106.74745	**R-Square**	0.7252
Dependent Mean	720.26667	**Adj R-Sq**	0.6935
Coeff Var	14.82055		

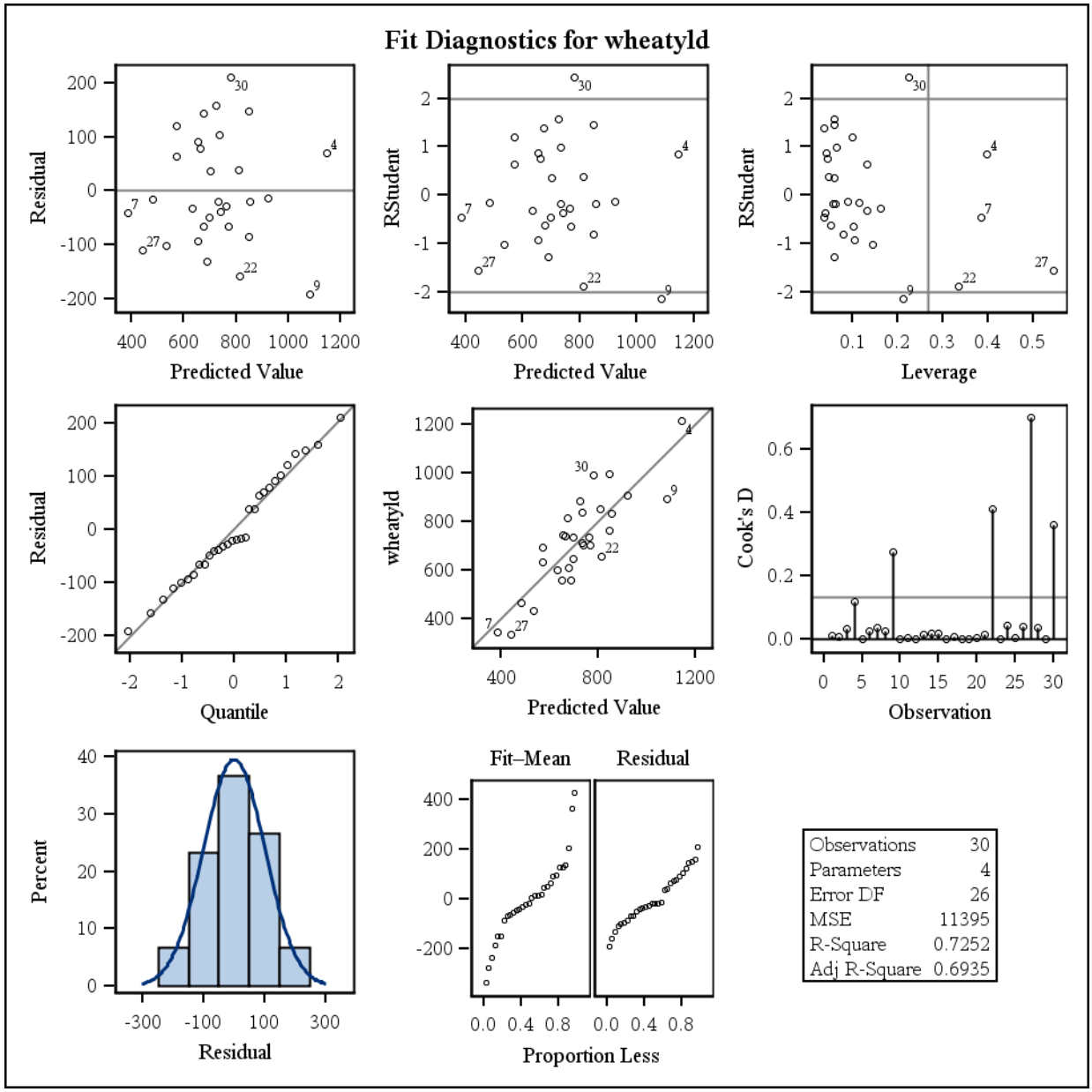
Parameter Estimates					
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	832.12163	70.52709	11.80	<.0001
rain	1	-0.35110	0.22102	-1.59	0.1243
temp	1	-338.67626	75.08325	-4.51	0.0001
raintemp	1	0.49989	0.24441	2.05	0.0511

The SAS System

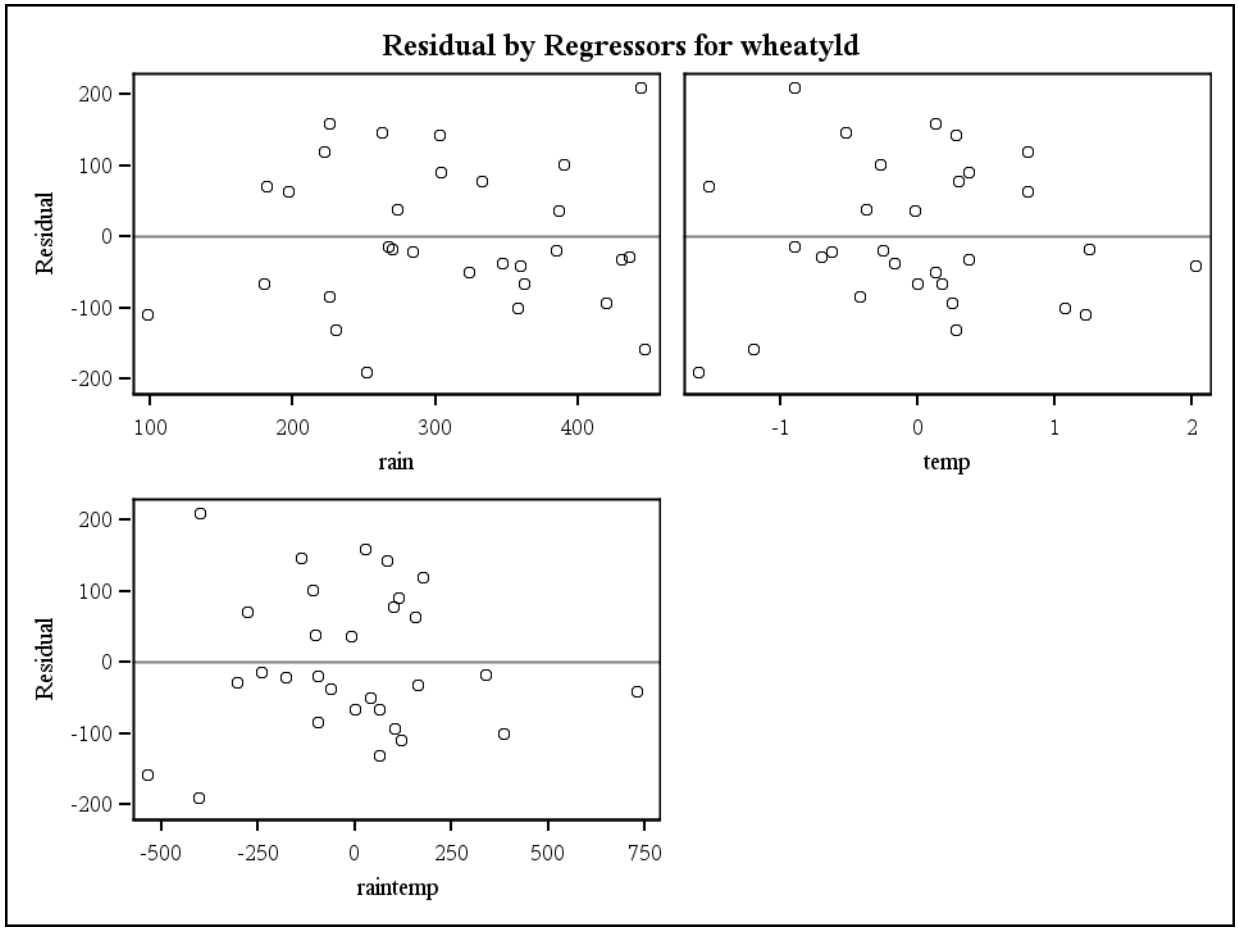
The REG Procedure
Model: MODEL1
Dependent Variable: wheatyld

Durbin-Watson D	1.992
Number of Observations	30
1st Order Autocorrelation	-0.078

The REG Procedure
Model: MODEL1
Dependent Variable: wheatyld



The REG Procedure
Model: MODEL1
Dependent Variable: wheatyld



The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: e2

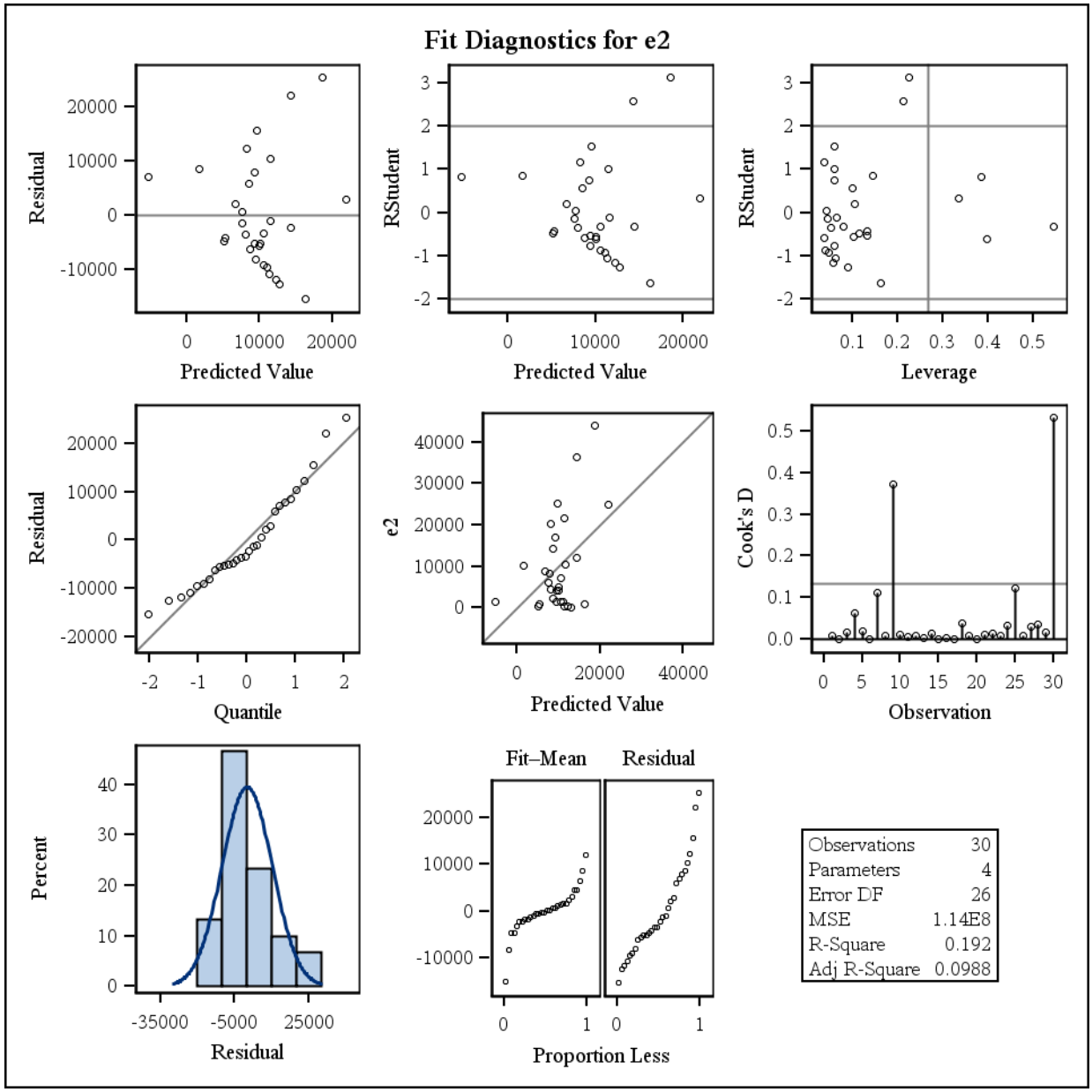
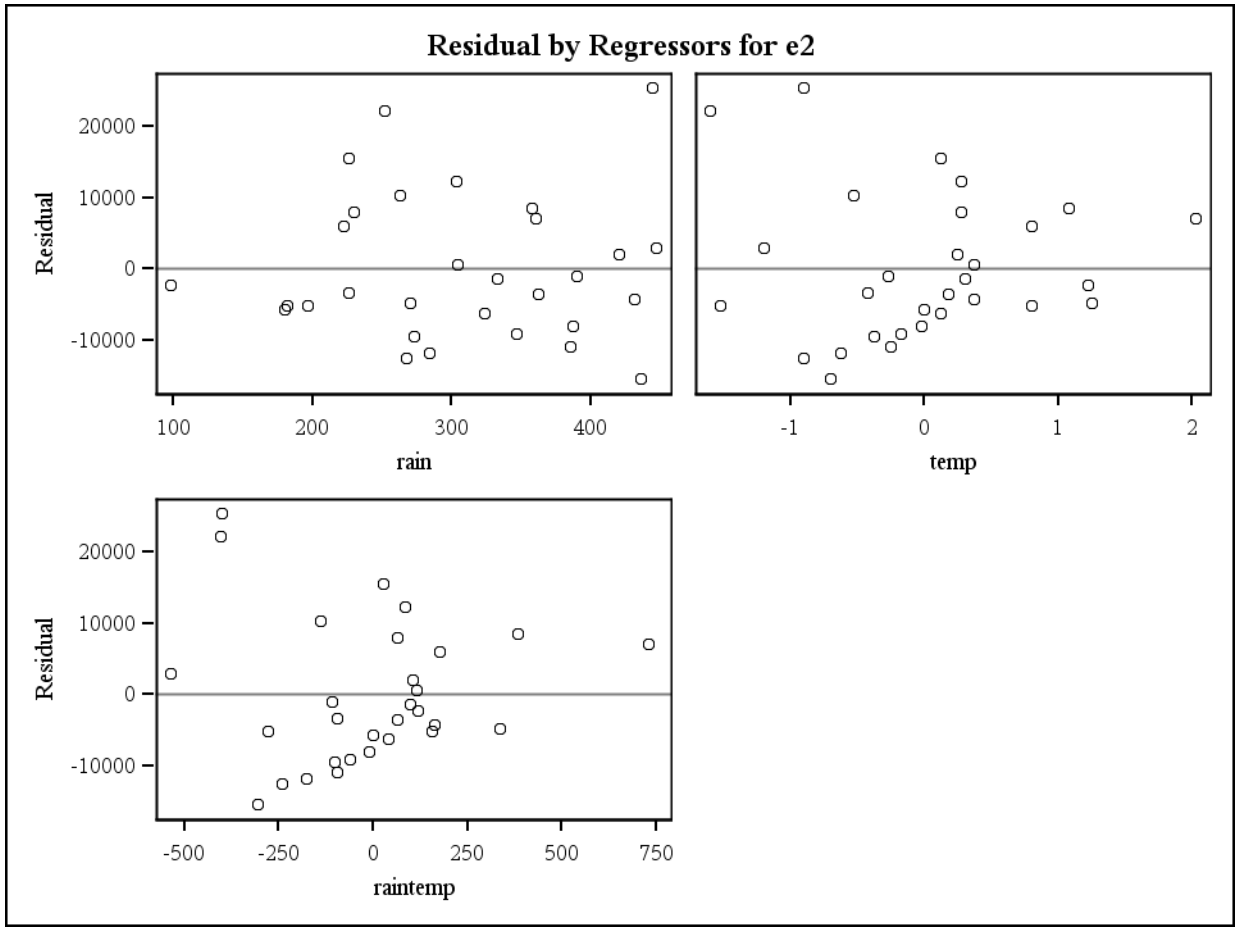
Number of Observations Read	30
Number of Observations Used	30

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	3	702654873	234218291	2.06	0.1301
Error	26	2956237910	113701458		
Corrected Total	29	3658892783			

Root MSE	10663	**R-Square**	0.1920
Dependent Mean	9875.68255	**Adj R-Sq**	0.0988
Coeff Var	107.97318		

Parameter Estimates					
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	10631	7045.00756	1.51	0.1433
rain	1	-3.67394	22.07815	-0.17	0.8691
temp	1	7297.76606	7500.12641	0.97	0.3395
raintemp	1	-40.44346	24.41386	-1.66	0.1096

The REG Procedure
Model: MODEL1
Dependent Variable: e2



The REG Procedure
Model: MODEL1
Dependent Variable: e2