

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: CrimeRate\_numeric**

Number of Observations Read	47
Number of Observations Used	47

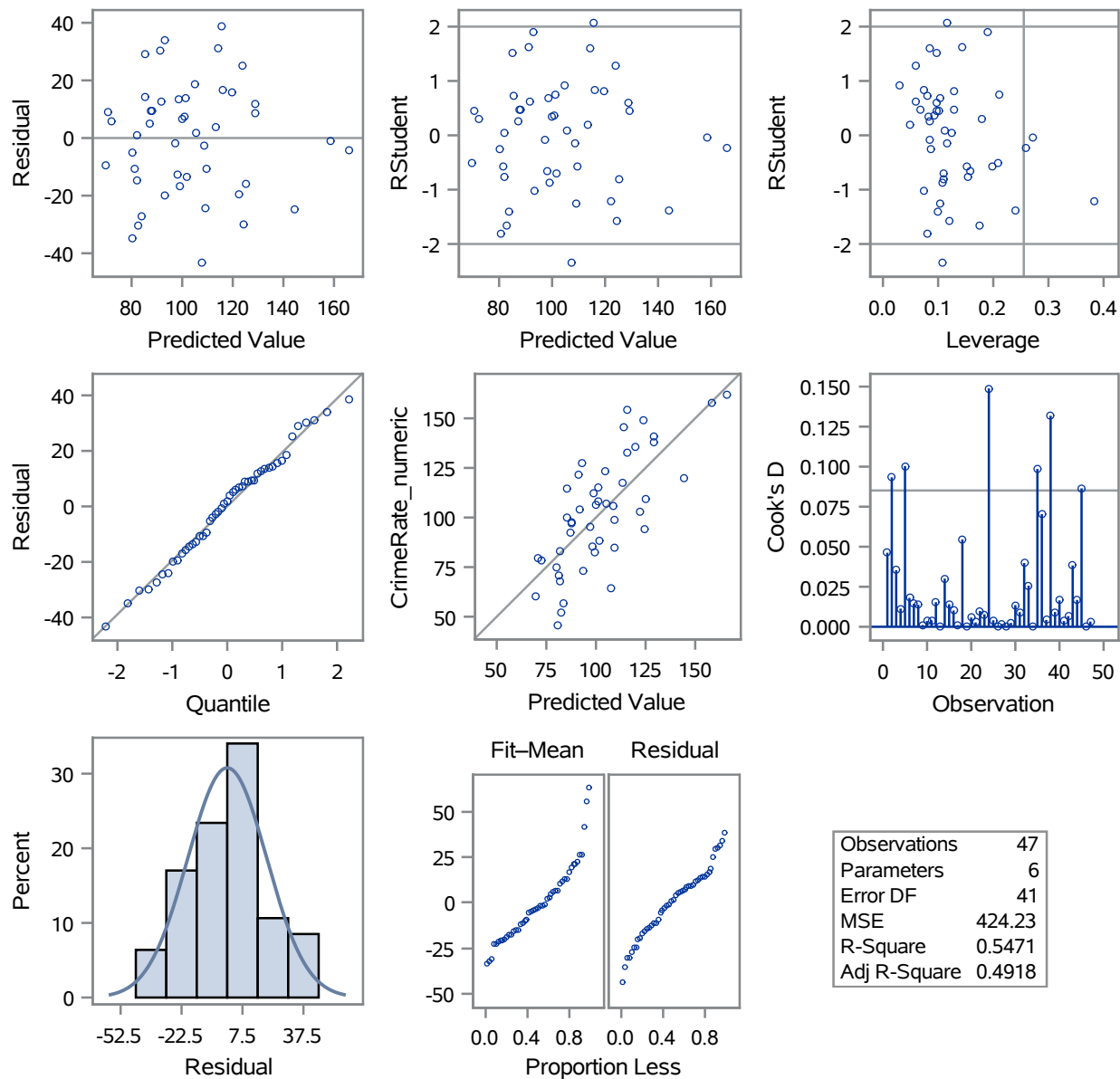
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	21008	4201.69450	9.90	<.0001
Error	41	17393	424.22644		
Corrected Total	46	38402			

Root MSE	20.59676	R-Square	0.5471
Dependent Mean	102.80851	Adj R-Sq	0.4918
Coeff Var	20.03410		

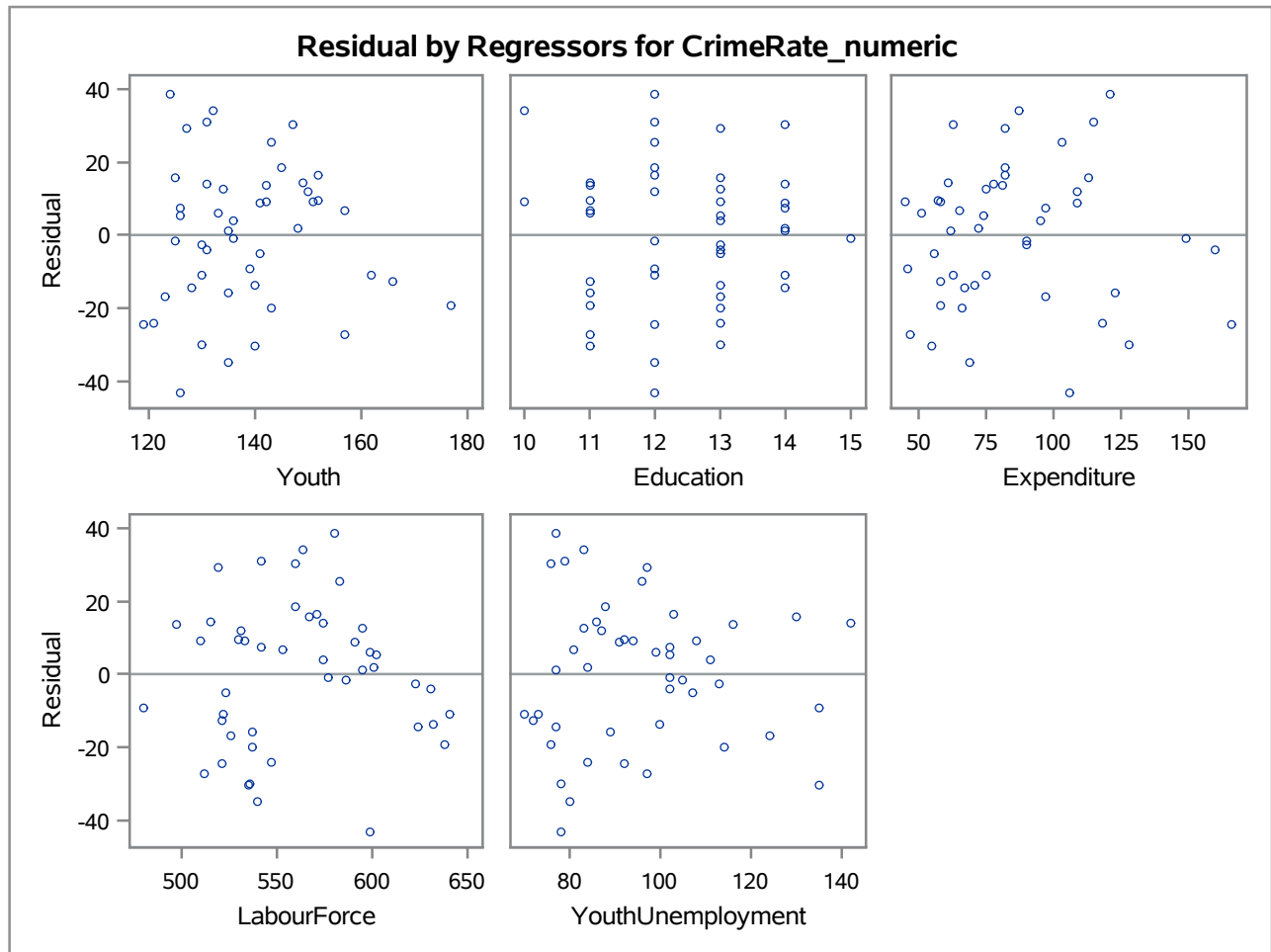
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	-197.76562	84.55234	-2.34	0.0243
Youth	1	1.01373	0.31141	3.26	0.0023
Education	1	1.10436	3.00438	0.37	0.7151
Expenditure	1	0.82249	0.12063	6.82	<.0001
LabourForce	1	0.10446	0.08531	1.22	0.2278
YouthUnemployment	1	0.18715	0.18321	1.02	0.3130

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: CrimeRate\_numeric**

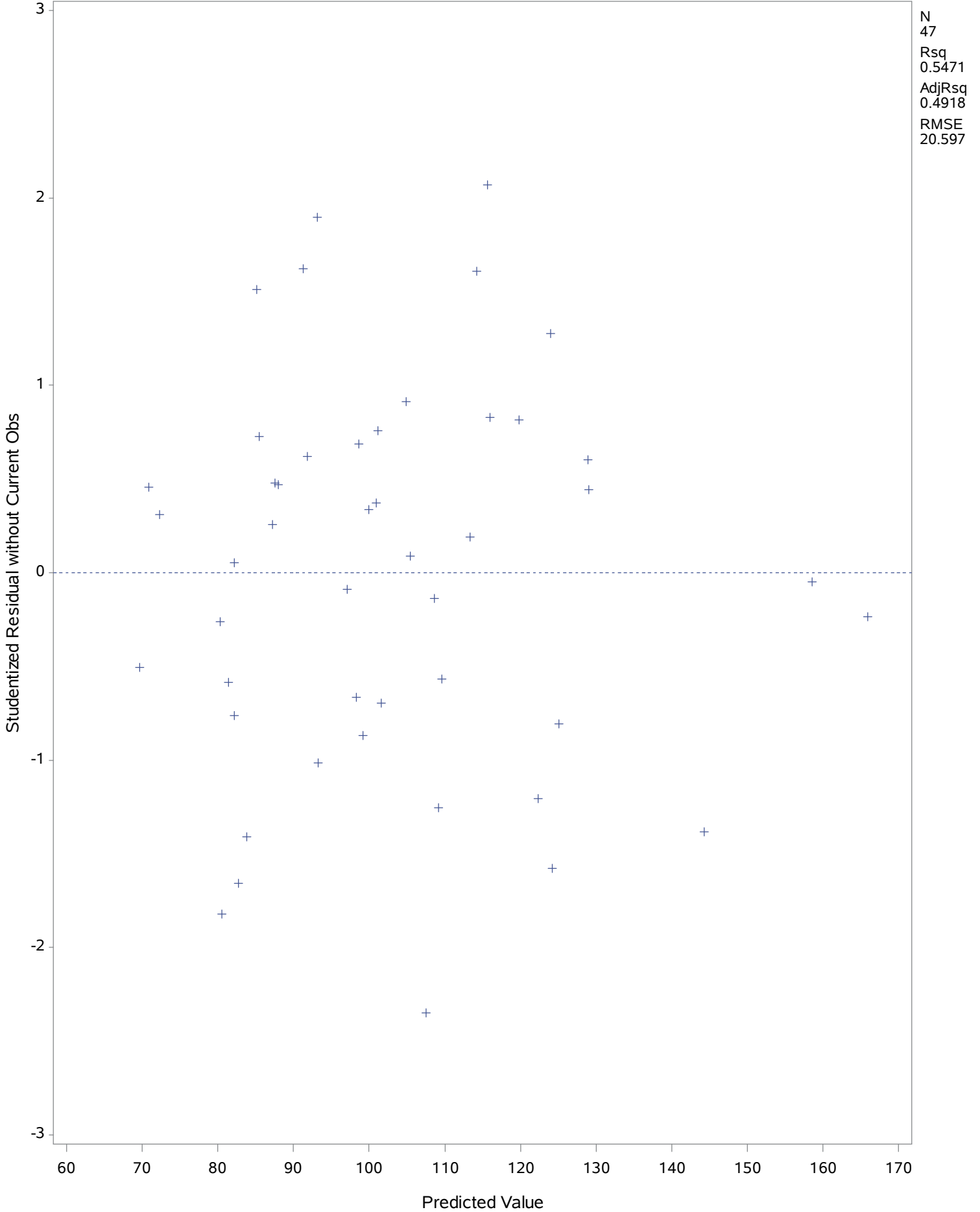
**Fit Diagnostics for CrimeRate\_numeric**



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: CrimeRate\_numeric**



$$\text{CrimeRate\_numeric} = -197.77 + 1.0137 \text{ Youth} + 1.1044 \text{ Education} + 0.8225 \text{ Expenditure} + 0.1045 \text{ LabourForce} + 0.1871 \text{ YouthUnemployment}$$



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: yt**

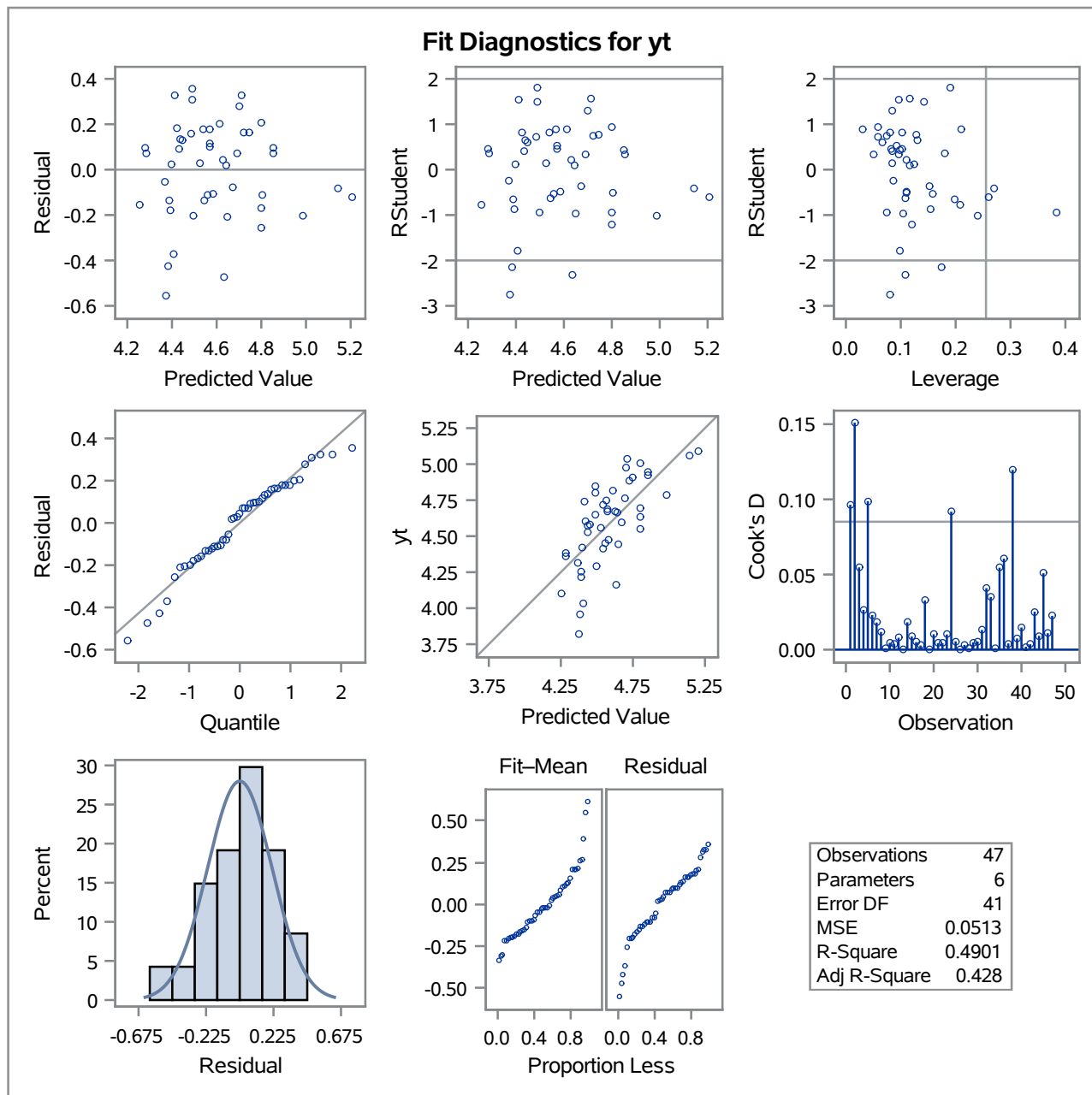
Number of Observations Read	47
Number of Observations Used	47

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	2.02197	0.40439	7.88	<.0001
Error	41	2.10325	0.05130		
Corrected Total	46	4.12522			

Root MSE	0.22649	R-Square	0.4901
Dependent Mean	4.59121	Adj R-Sq	0.4280
Coeff Var	4.93317		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	1.55833	0.92978	1.68	0.1013
Youth	1	0.01038	0.00342	3.03	0.0042
Education	1	0.01383	0.03304	0.42	0.6778
Expenditure	1	0.00804	0.00133	6.06	<.0001
LabourForce	1	0.00104	0.00093812	1.11	0.2727
YouthUnemployment	1	0.00162	0.00201	0.80	0.4262

**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: yt**



**The REG Procedure**  
**Model: MODEL1**  
**Dependent Variable: yt**

