The CORR Procedure

4 Variables:	Gini RGDP Education POPGROW

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Gini	175	40.15820	9.31580	7028	23.38000	62.30000
RGDP	175	6295	4682	1101693	509.00000	18054
Education	175	6.11674	2.60057	1070	1.54000	11.94000
POPGROW	175	1.43792	0.97592	251.63592	-0.40000	3.60000

Pearson Correlation Coefficients, N = 175 Prob > |r| under H0: Rho=0				
	Gini	RGDP	Education	POPGROW
Gini	1.00000	-0.55803 <.0001	-0.51105 <.0001	0.59912 <.0001
RGDP	-0.55803 <.0001	1.00000	0.86599 <.0001	-0.68805 <.0001
Education	-0.51105 <.0001	0.86599 <.0001	1.00000	-0.68785 <.0001
POPGROW	0.59912 <.0001	-0.68805 <.0001	-0.68785 <.0001	1.00000

The REG Procedure
Model: MODEL1
Dependent Variable: Gini

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

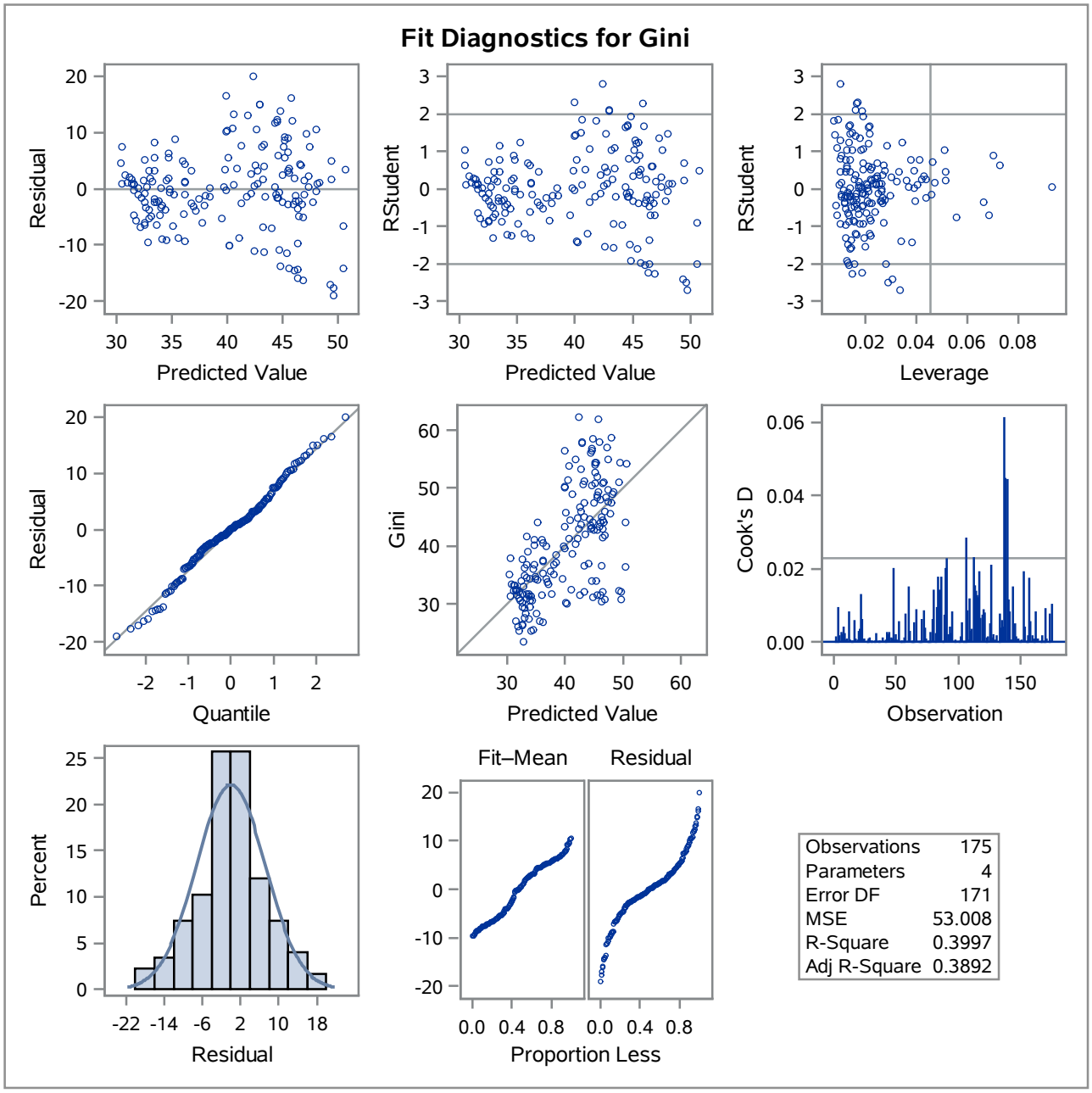
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	6036.02436	2012.00812	37.96	<.0001
Error	171	9064.42278	53.00832		
Corrected Total	174	15100			

Root MSE	7.28068	R-Square	0.3997
Dependent Mean	40.15820	Adj R-Sq	0.3892
Coeff Var	18.13000		

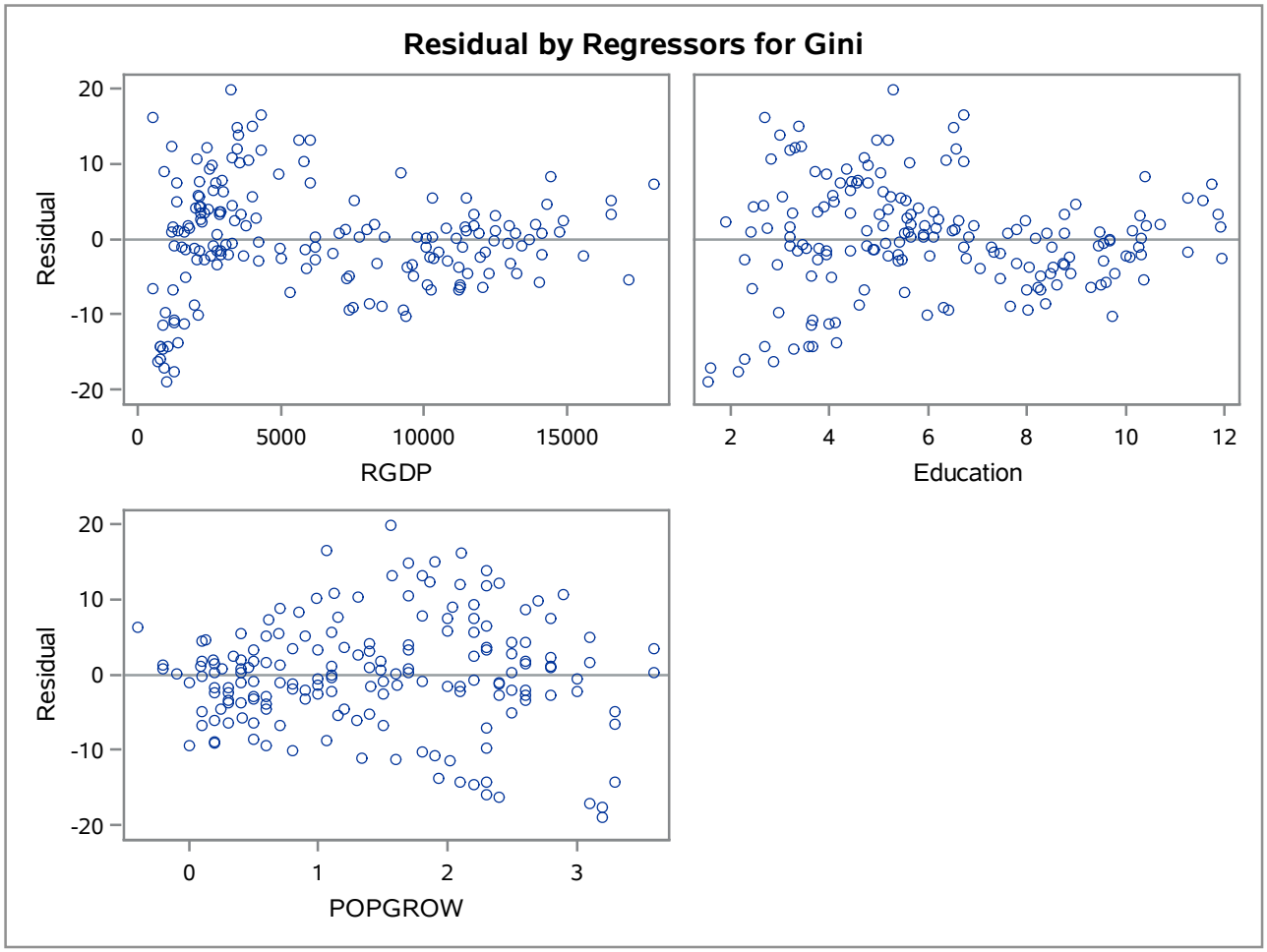
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	37.39158	2.74648	13.61	<.0001
RGDP	1	-0.00061307	0.00024378	-2.51	0.0128
Education	1	0.14996	0.43877	0.34	0.7329
POPGROW	1	3.97022	0.80570	4.93	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Gini



The REG Procedure
Model: MODEL1
Dependent Variable: Gini



The REG Procedure
Model: MODEL2
Dependent Variable: Gini

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

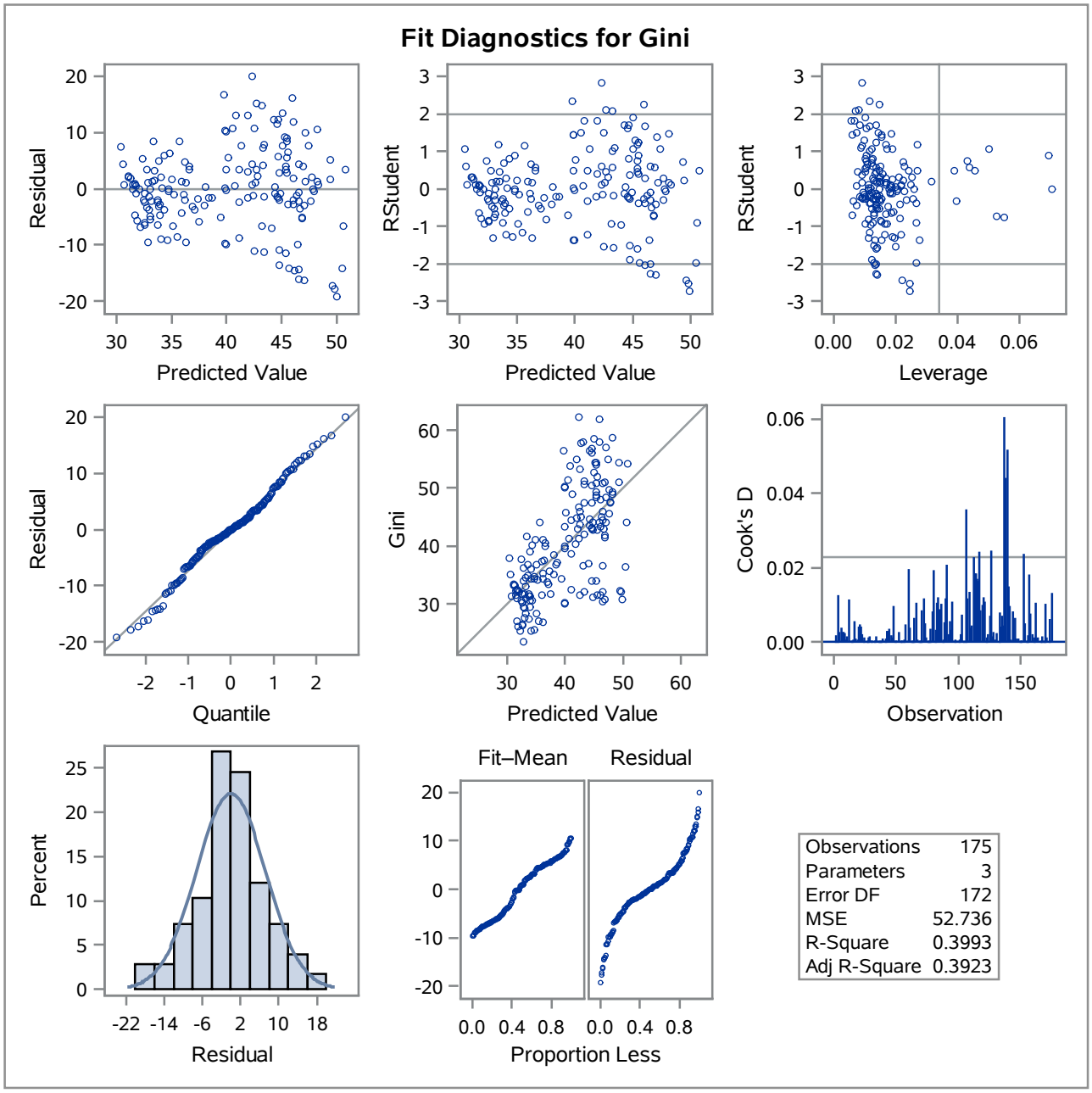
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	6029.83254	3014.91627	57.17	<.0001
Error	172	9070.61461	52.73613		
Corrected Total	174	15100			

Root MSE	7.26196	R-Square	0.3993
Dependent Mean	40.15820	Adj R-Sq	0.3923
Coeff Var	18.08339		

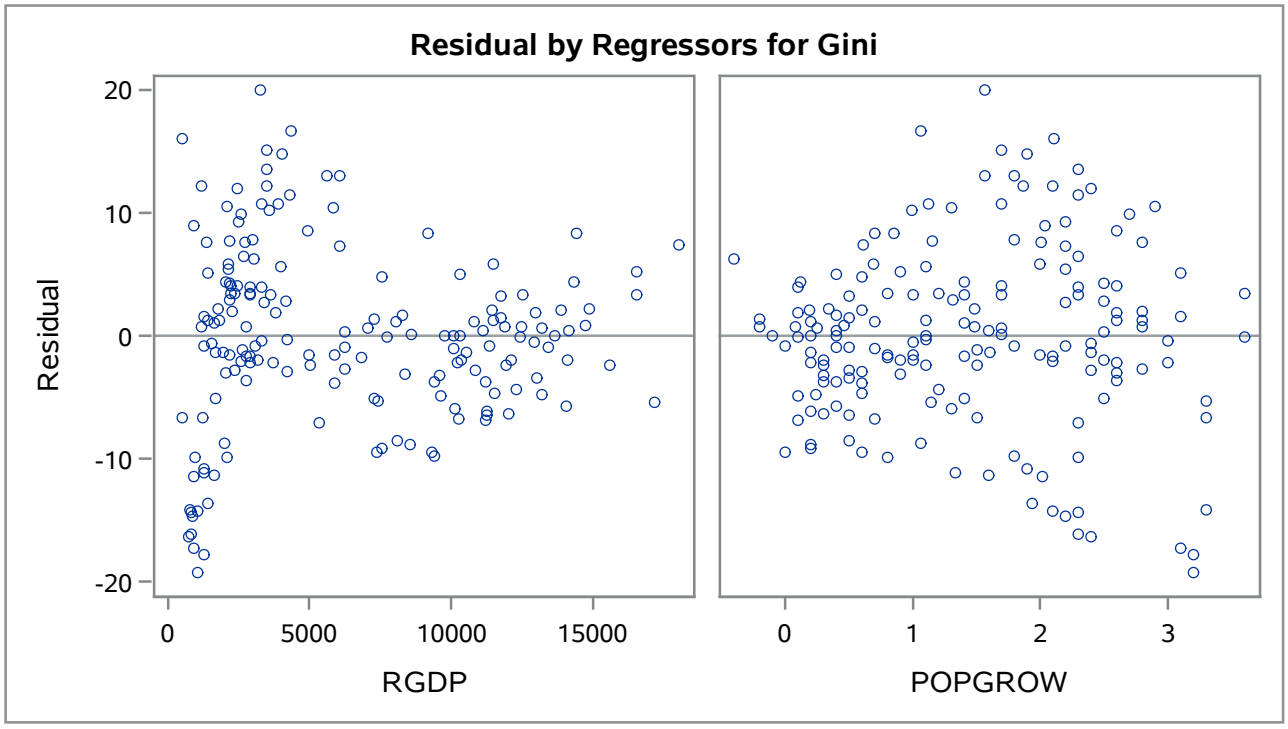
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	38.01816	2.03975	18.64	<.0001
RGDP	1	-0.00055095	0.00016204	-3.40	0.0008
POPGROW	1	3.90041	0.77737	5.02	<.0001

The REG Procedure
Model: MODEL2
Dependent Variable: Gini



The REG Procedure
Model: MODEL2
Dependent Variable: Gini



The REG Procedure
Model: MODEL3
Dependent Variable: Gini

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

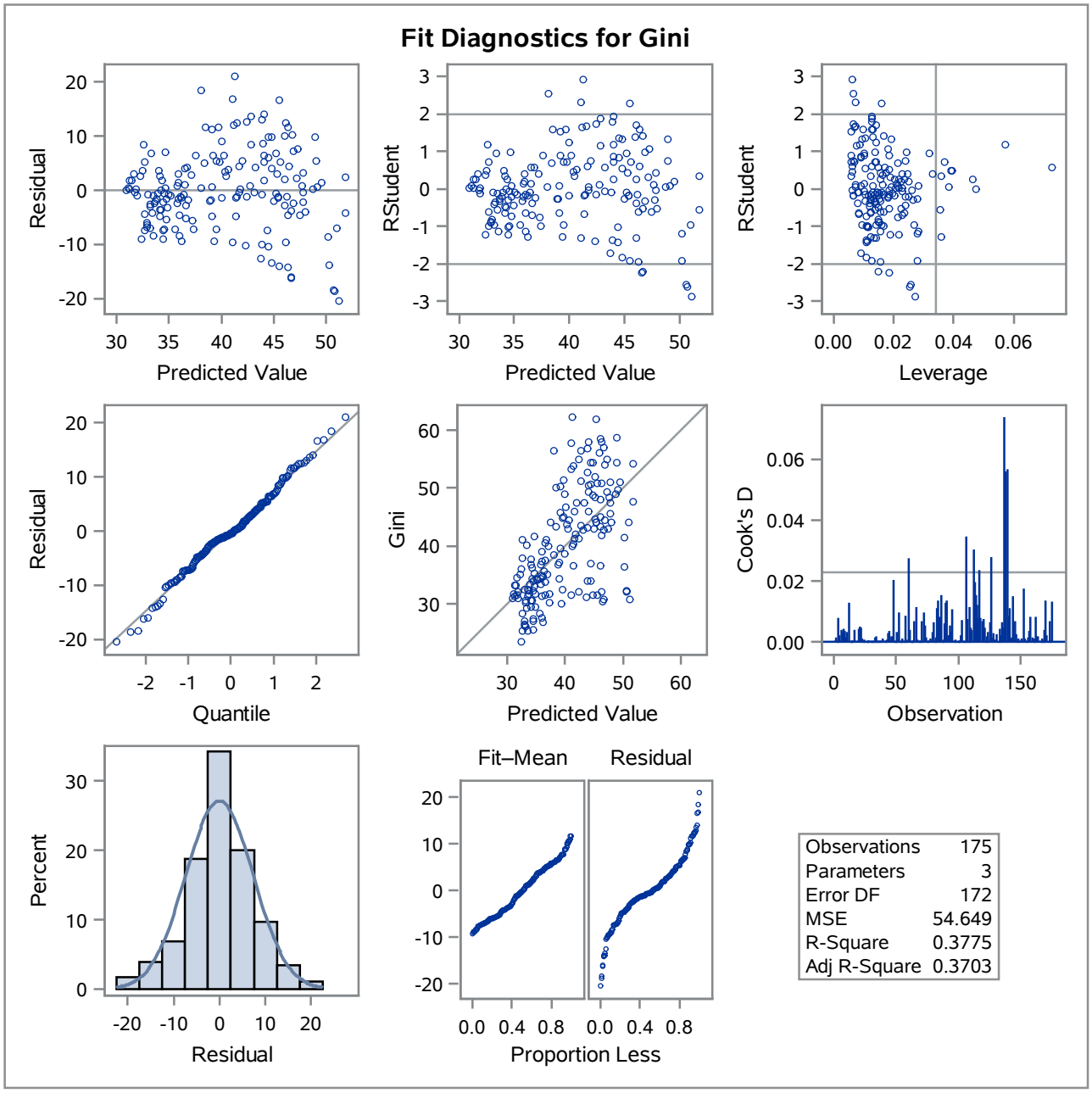
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	5700.78513	2850.39257	52.16	<.0001
Error	172	9399.66201	54.64920		
Corrected Total	174	15100			

Root MSE	7.39251	R-Square	0.3775
Dependent Mean	40.15820	Adj R-Sq	0.3703
Coeff Var	18.40847		

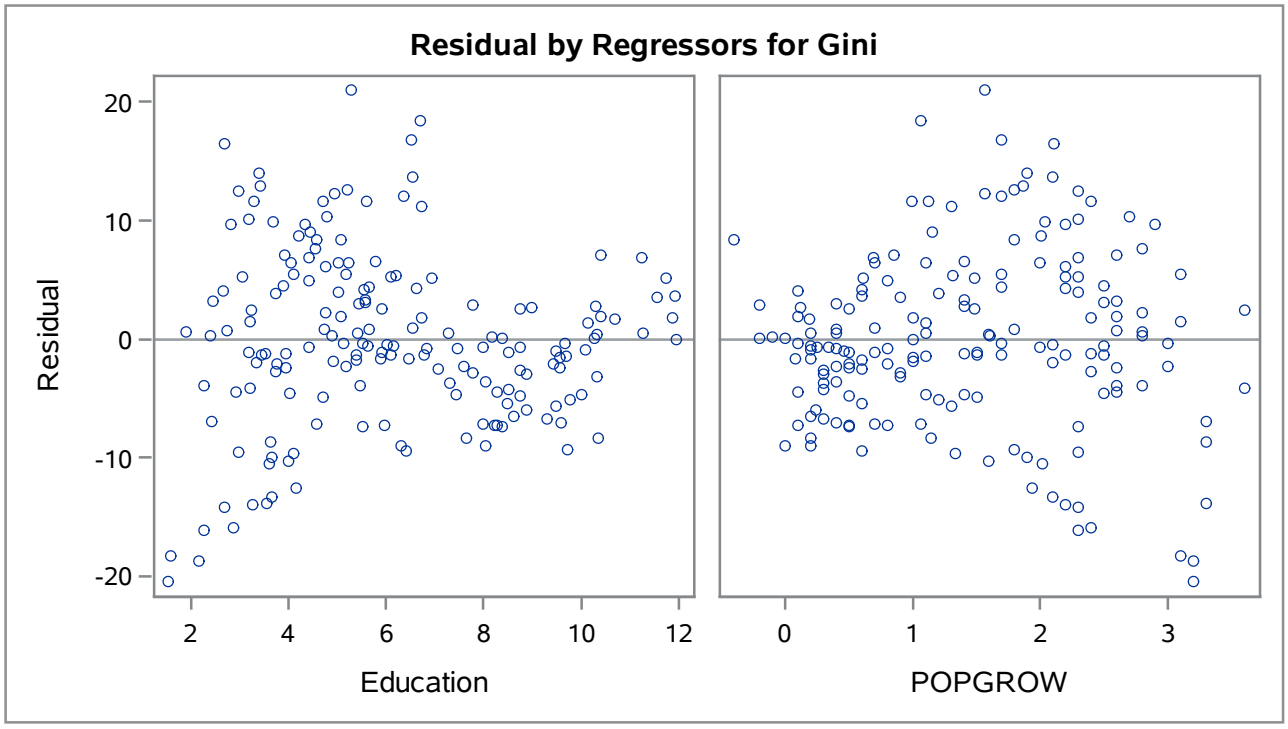
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	37.82283	2.78322	13.59	<.0001
Education	1	-0.67274	0.29689	-2.27	0.0247
POPGROW	1	4.48589	0.79114	5.67	<.0001

The REG Procedure
Model: MODEL3
Dependent Variable: Gini



The REG Procedure
Model: MODEL3
Dependent Variable: Gini



The REG Procedure
Model: MODEL1
Dependent Variable: RGDP

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

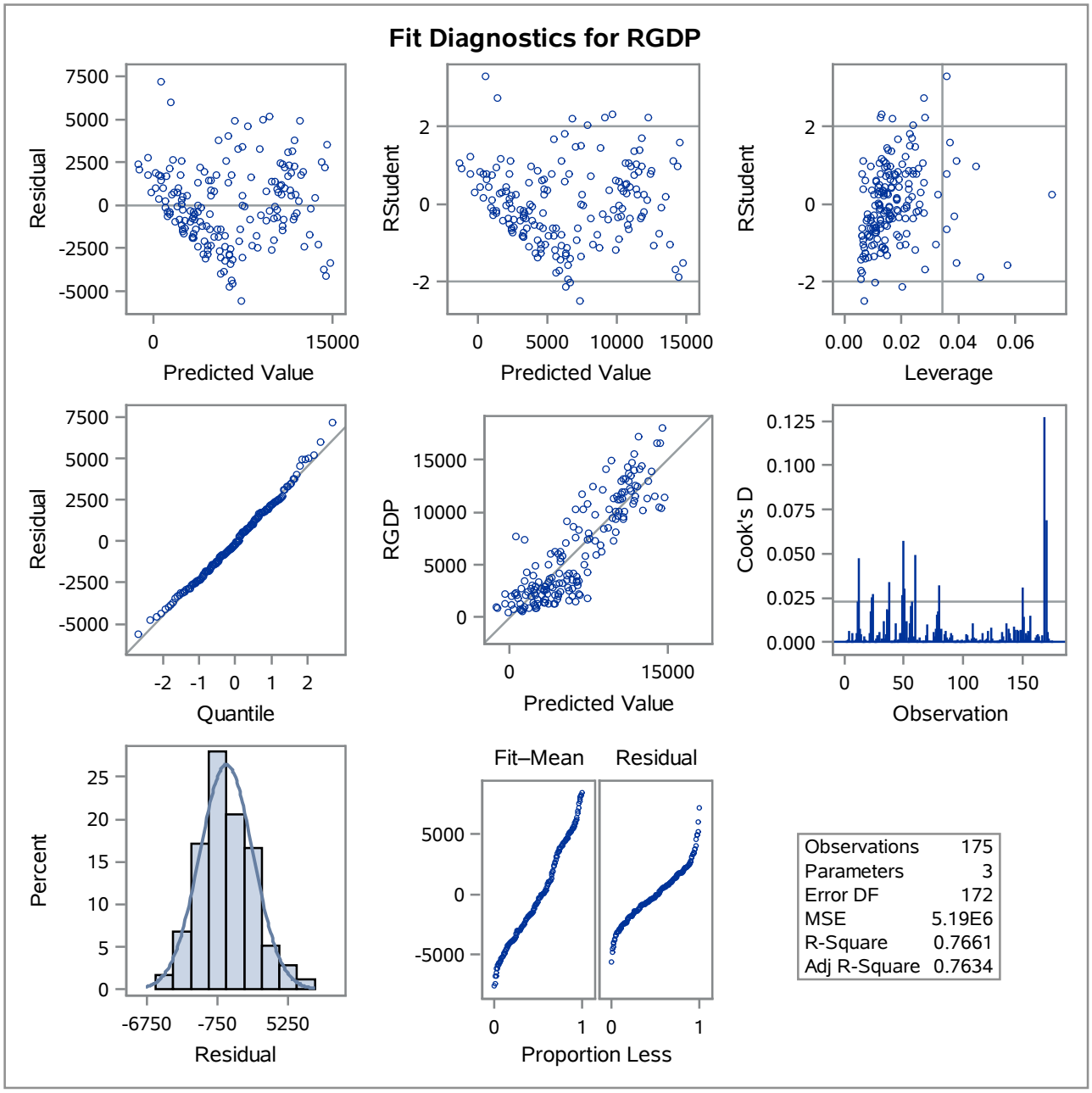
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	2922056350	1461028175	281.74	<.0001
Error	172	891942080	5185710		
Corrected Total	174	3813998430			

Root MSE	2277.21535	R-Square	0.7661
Dependent Mean	6295.38857	Adj R-Sq	0.7634
Coeff Var	36.17275		

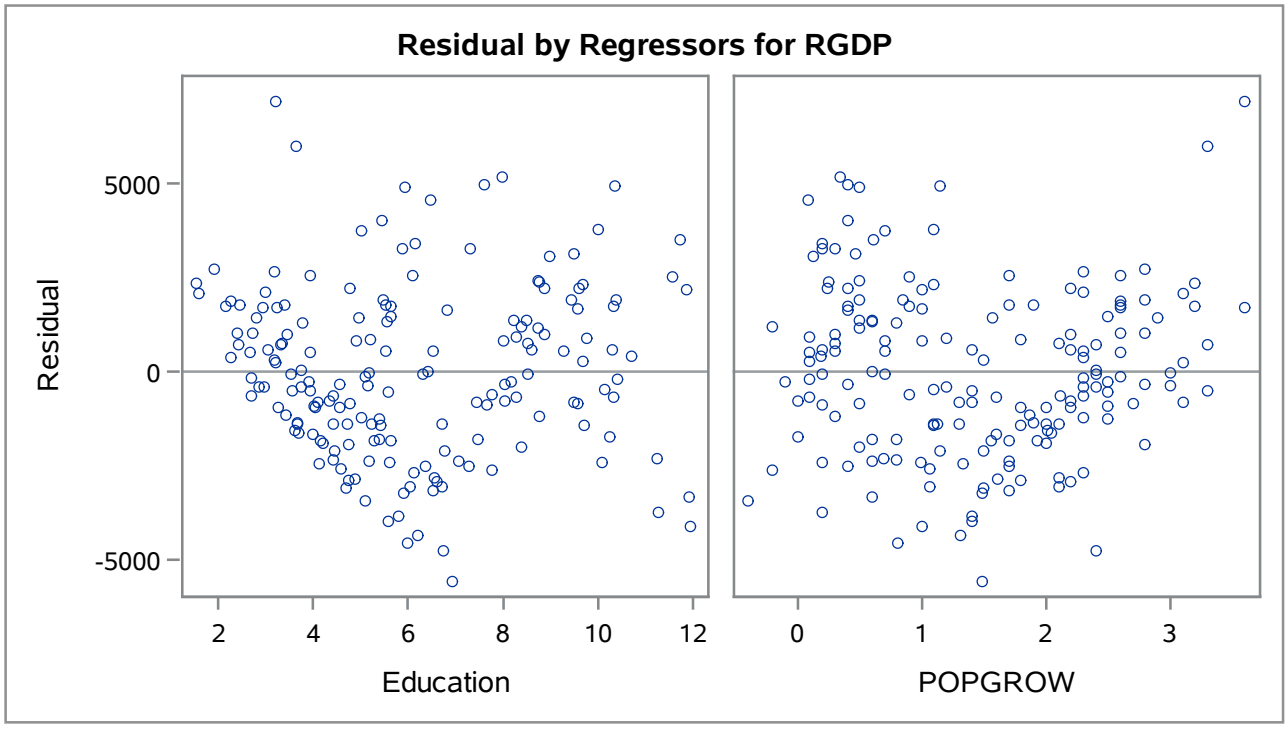
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-703.42694	857.35391	-0.82	0.4131
Education	1	1341.93718	91.45576	14.67	<.0001
POPGROW	1	-841.12434	243.70504	-3.45	0.0007

The REG Procedure
Model: MODEL1
Dependent Variable: RGDP



The REG Procedure
Model: MODEL1
Dependent Variable: RGDP



The REG Procedure
Model: MODEL2
Dependent Variable: Education

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

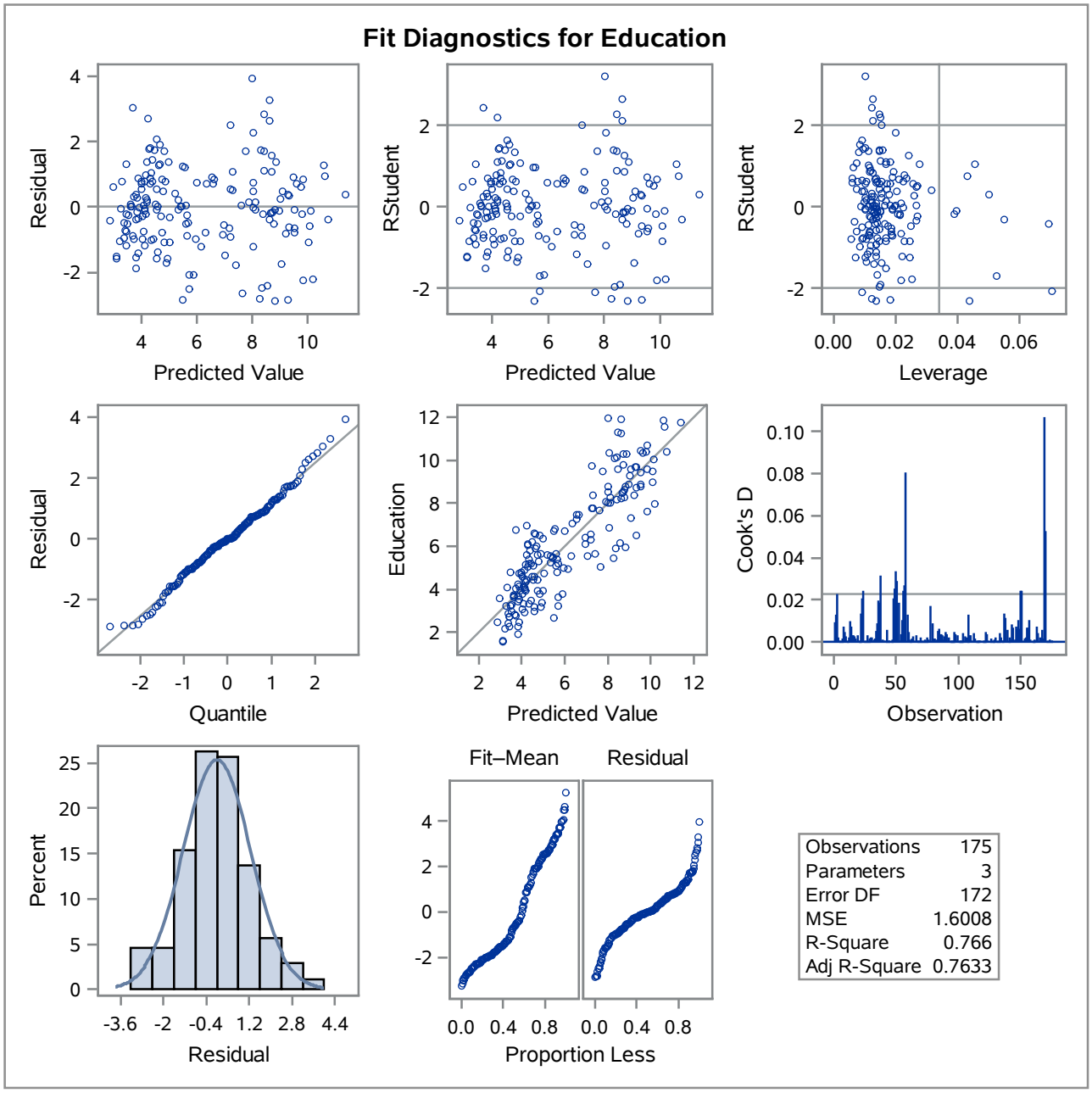
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	901.41385	450.70692	281.55	<.0001
Error	172	275.33919	1.60081		
Corrected Total	174	1176.75304			

Root MSE	1.26523	R-Square	0.7660
Dependent Mean	6.11674	Adj R-Sq	0.7633
Coeff Var	20.68472		

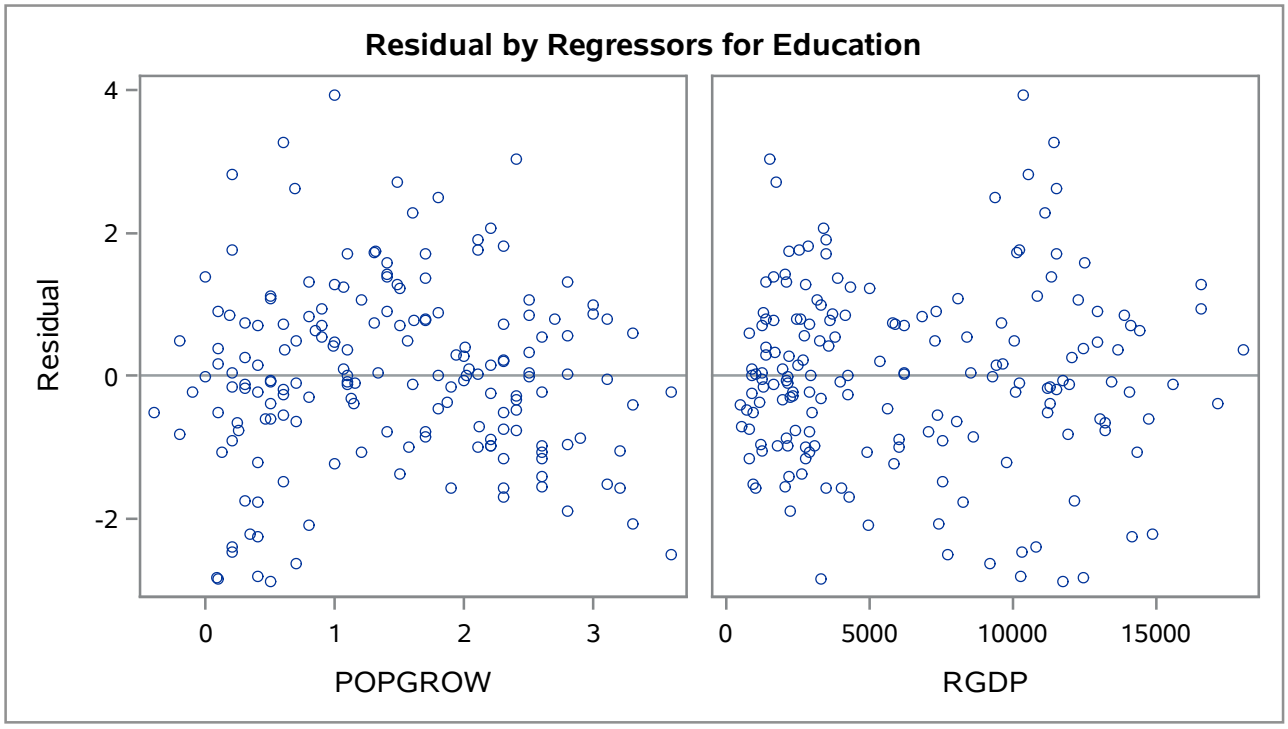
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	4.17832	0.35538	11.76	<.0001
POPGROW	1	-0.46557	0.13544	-3.44	0.0007
RGDP	1	0.00041425	0.00002823	14.67	<.0001

The REG Procedure
Model: MODEL2
Dependent Variable: Education



The REG Procedure
Model: MODEL2
Dependent Variable: Education



The REG Procedure
Model: MODEL3
Dependent Variable: POPGROW

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

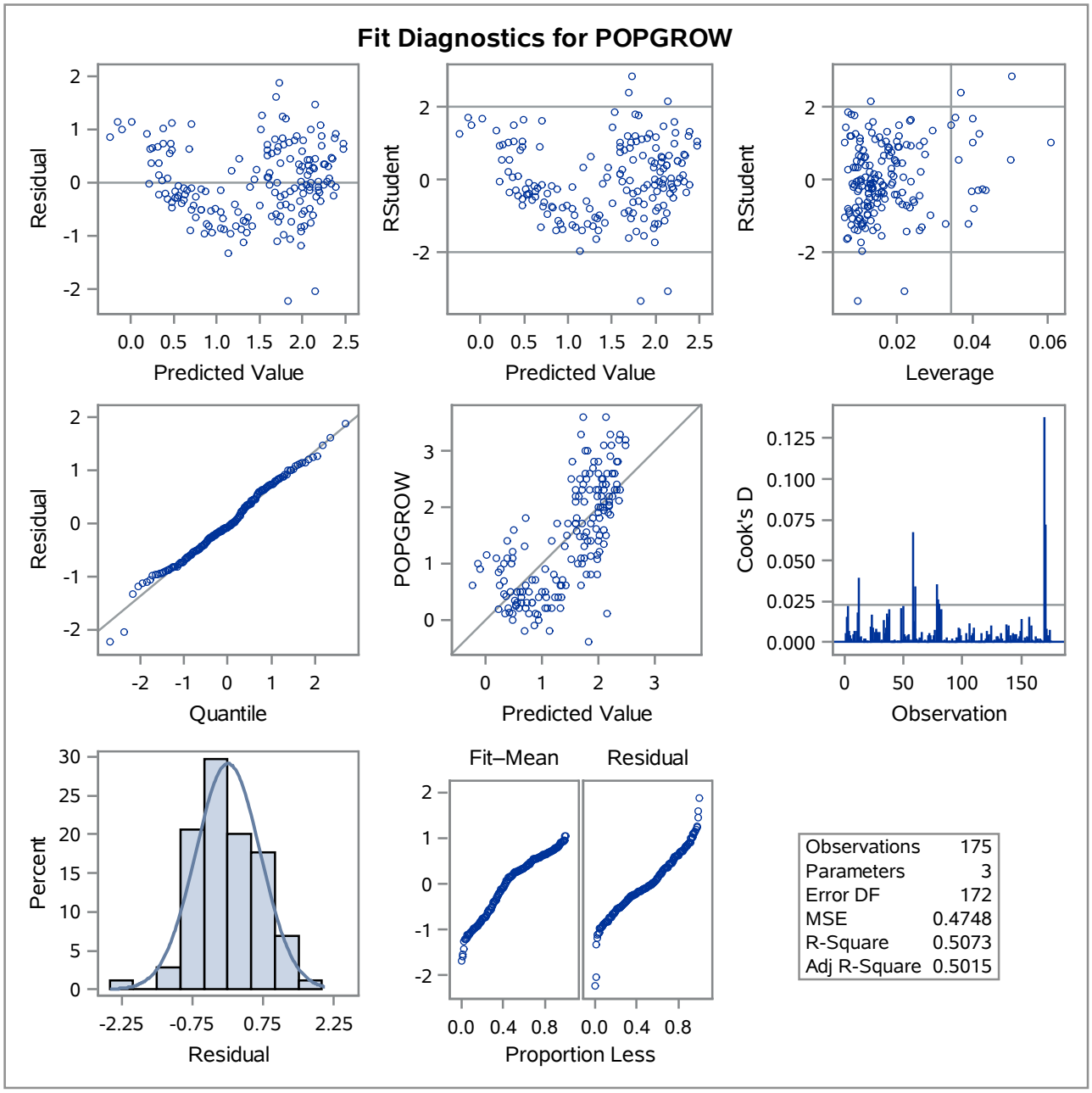
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	84.06363	42.03182	88.53	<.0001
Error	172	81.65770	0.47475		
Corrected Total	174	165.72133			

Root MSE	0.68902	R-Square	0.5073
Dependent Mean	1.43792	Adj R-Sq	0.5015
Coeff Var	47.91812		

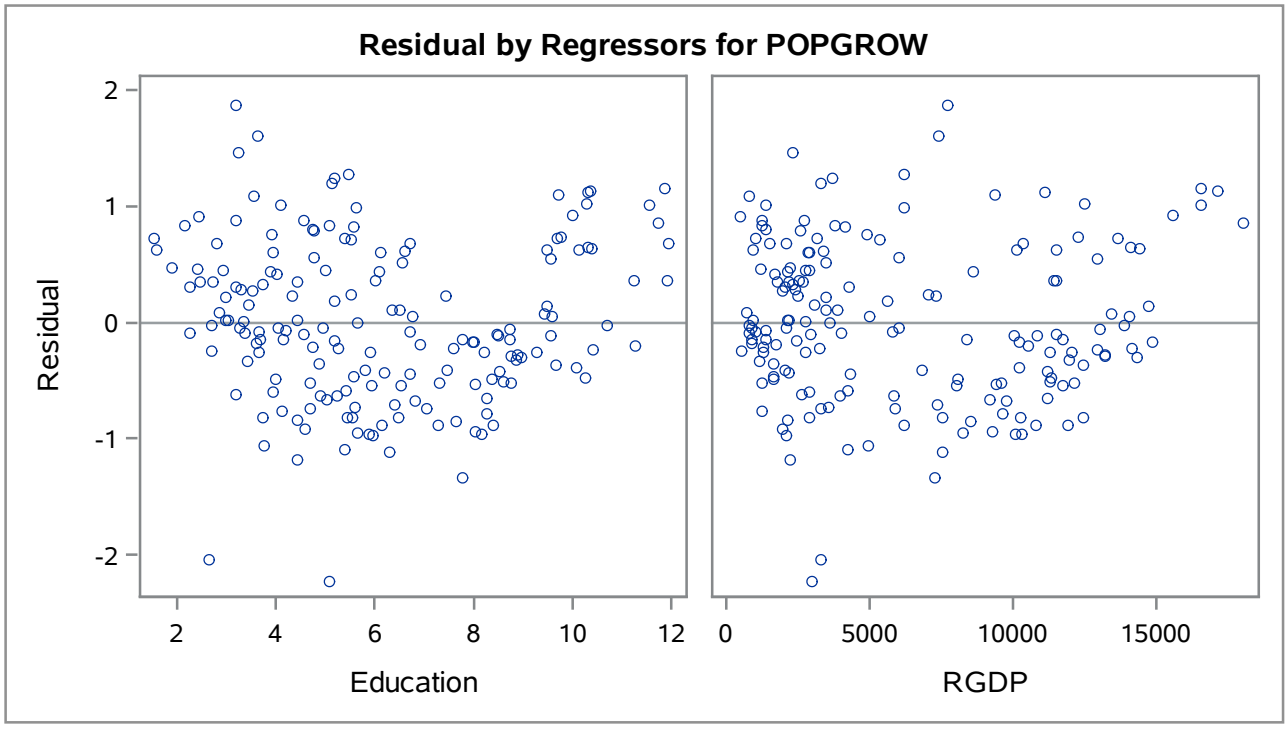
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	2.76726	0.15178	18.23	<.0001
Education	1	-0.13807	0.04017	-3.44	0.0007
RGDP	1	-0.00007701	0.00002231	-3.45	0.0007

The REG Procedure
Model: MODEL3
Dependent Variable: POPGROW



The REG Procedure
Model: MODEL3
Dependent Variable: POPGROW



The REG Procedure
Model: MODEL1
Dependent Variable: Gini

Number of Observations Read	175
Number of Observations Used	175

Analysis of Variance

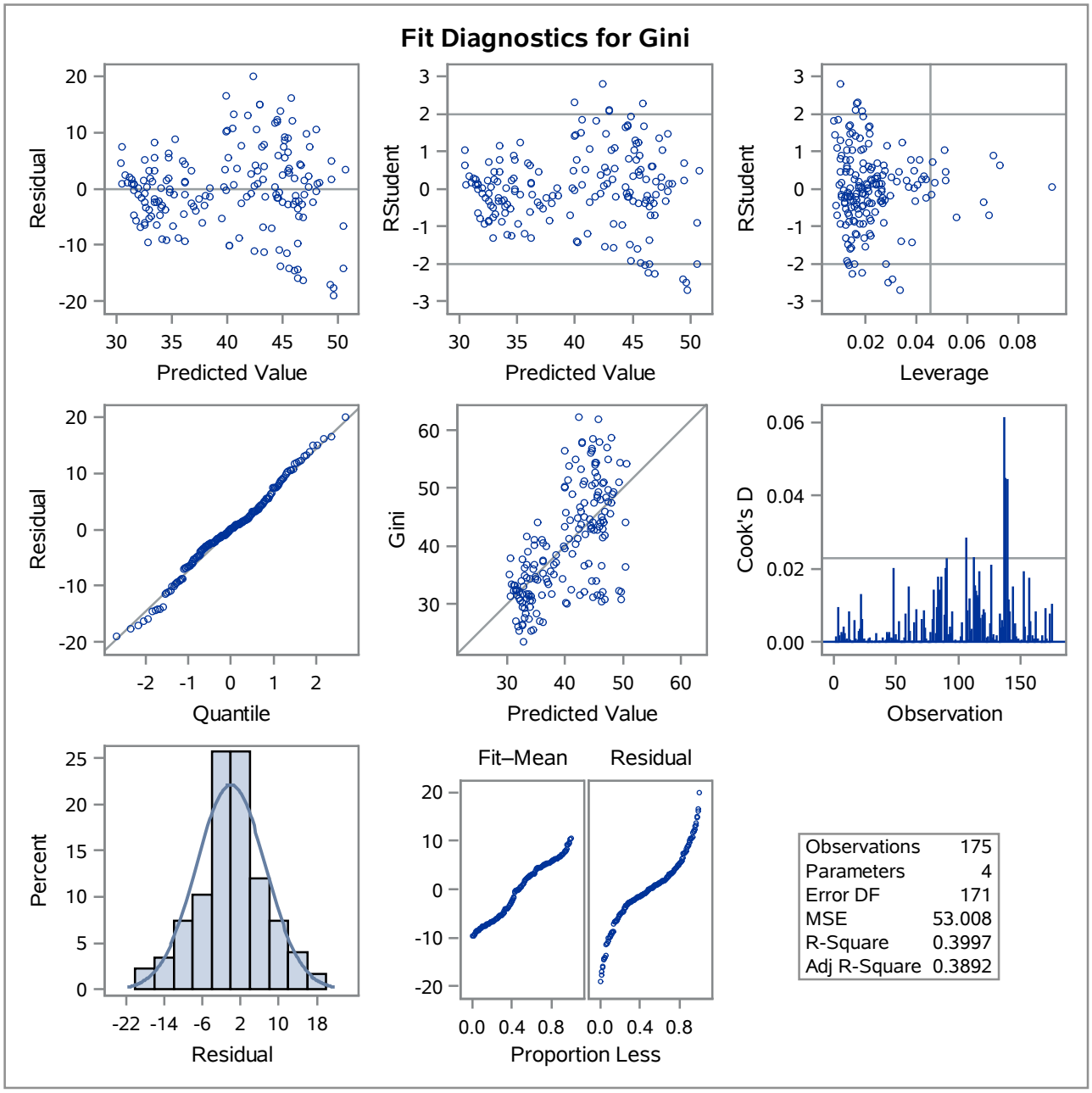
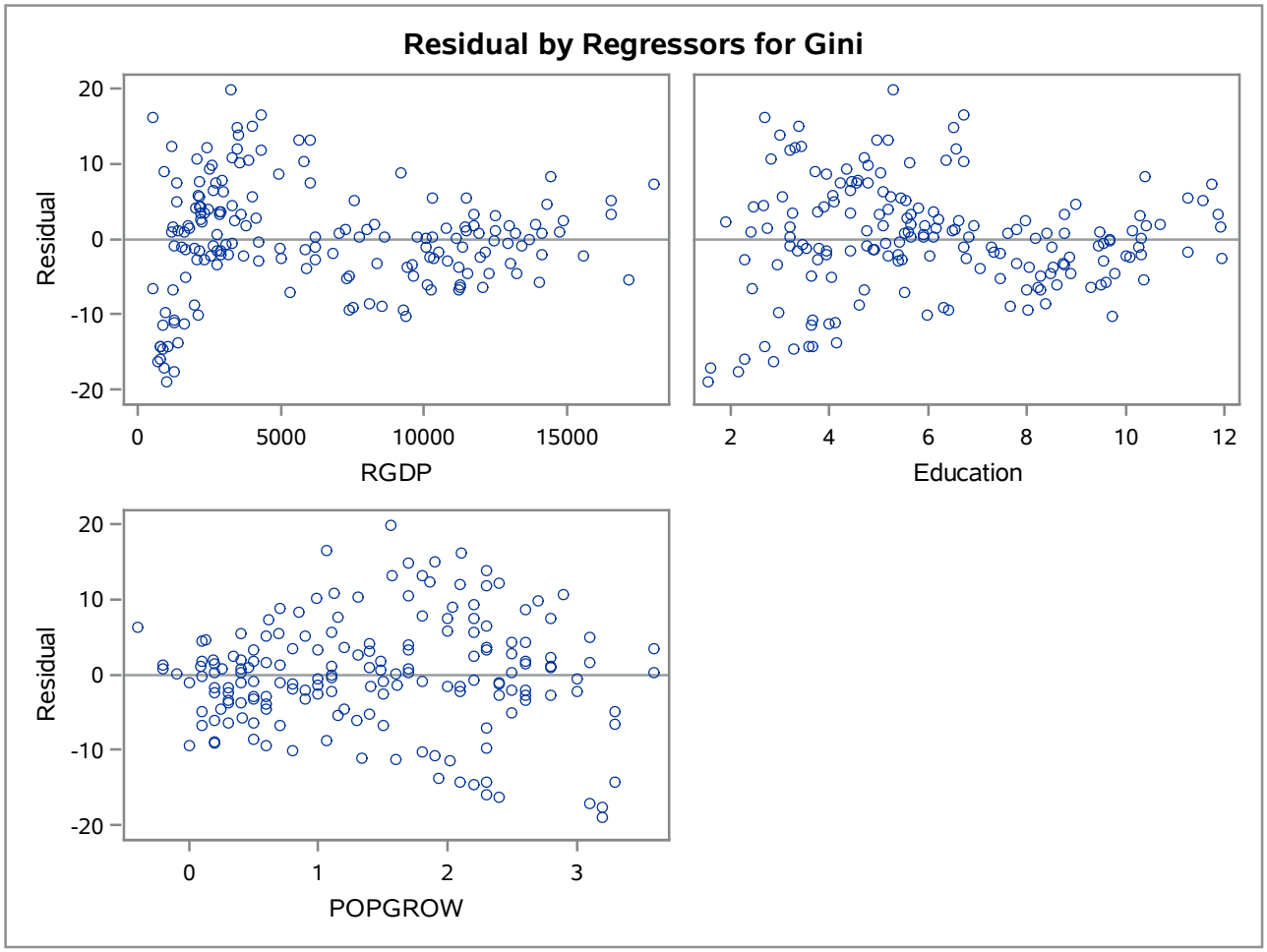
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	6036.02436	2012.00812	37.96	<.0001
Error	171	9064.42278	53.00832		
Corrected Total	174	15100			

Root MSE	7.28068	R-Square	0.3997
Dependent Mean	40.15820	Adj R-Sq	0.3892
Coeff Var	18.13000		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	Variance Inflation
Intercept	1	37.39158	2.74648	13.61	<.0001	0
RGDP	1	-0.00061307	0.00024378	-2.51	0.0128	4.27606
Education	1	0.14996	0.43877	0.34	0.7329	4.27383
POPGROW	1	3.97022	0.80570	4.93	<.0001	2.02946

The REG Procedure
Model: MODEL1
Dependent Variable: Gini



The REG Procedure
Model: MODEL1
Dependent Variable: Gini