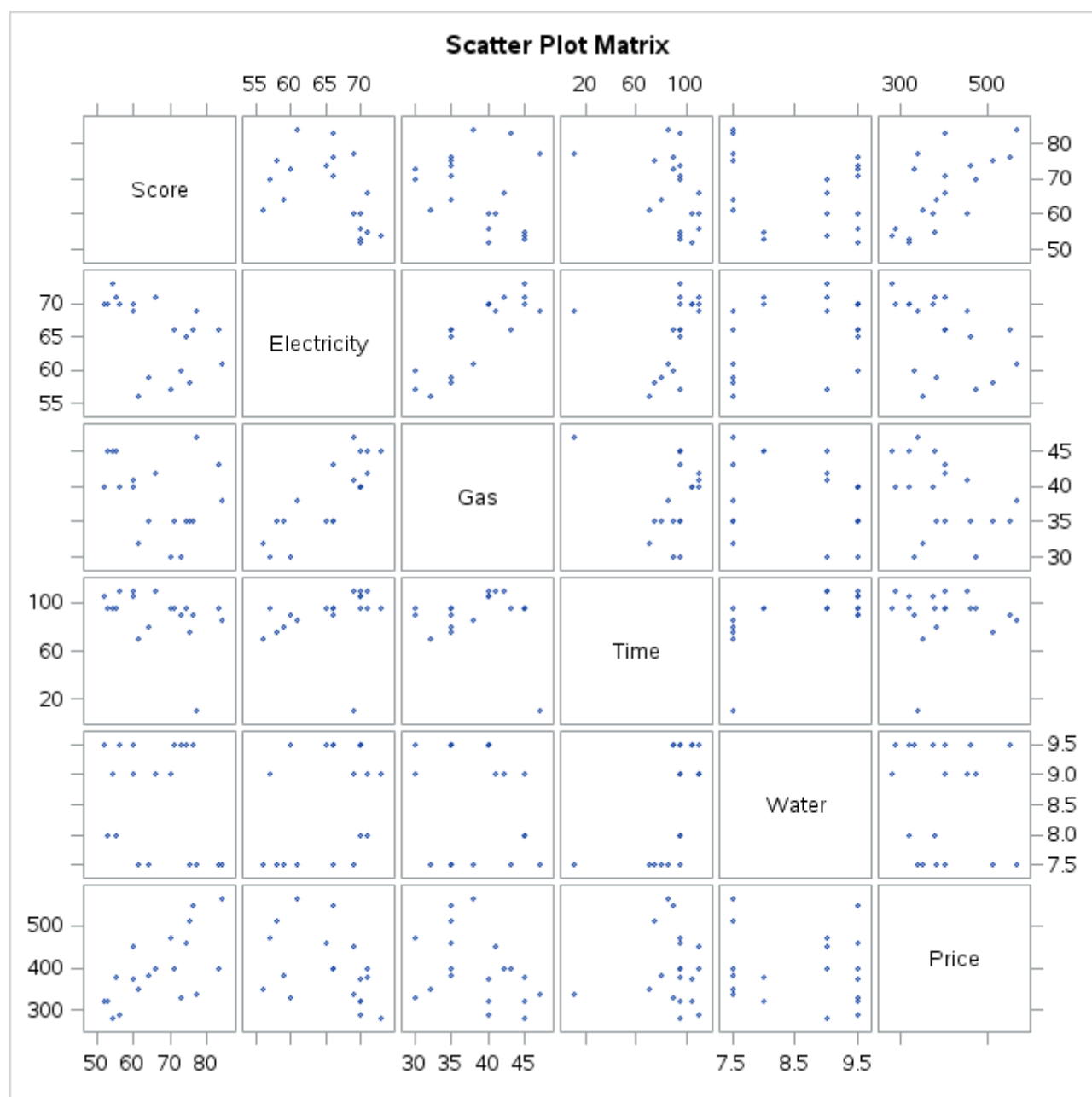


# The CORR Procedure

6 Variables: Score Electricity Gas Time Water Price

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Score	19	66.52632	10.25978	1264	52.00000	84.00000	Score
Electricity	19	65.63158	5.44886	1247	56.00000	73.00000	Electricity
Gas	19	38.57895	5.23148	733.00000	30.00000	47.00000	Gas
Time	19	89.73684	22.32796	1705	10.00000	110.00000	Time
Water	19	8.60526	0.89099	163.50000	7.50000	9.50000	Water
Price	19	398.26316	83.27187	7567	280.00000	565.00000	Price

Pearson Correlation Coefficients, N = 19 Prob >  r  under H0: Rho=0						
	Score	Electricity	Gas	Time	Water	Price
Score Score	1.00000 0.0407	-0.47335 0.0407	-0.31030 0.1960	-0.39102 0.0978	-0.26773 0.2678	0.66076 0.0021
Electricity Electricity	-0.47335 0.0407	1.00000	0.82645 <.0001	0.25716 0.2879	0.35745 0.1330	-0.42966 0.0664
Gas Gas	-0.31030 0.1960	0.82645 <.0001	1.00000	-0.10564 0.6669	-0.21642 0.3735	-0.37734 0.1112
Time Time	-0.39102 0.0978	0.25716 0.2879	-0.10564 0.6669	1.00000	0.57395 0.0102	0.01050 0.9660
Water Water	-0.26773 0.2678	0.35745 0.1330	-0.21642 0.3735	0.57395 0.0102	1.00000	-0.12432 0.6121
Price Price	0.66076 0.0021	-0.42966 0.0664	-0.37734 0.1112	0.01050 0.9660	-0.12432 0.6121	1.00000



The REG Procedure  
Model: MODEL1  
Dependent Variable: Score

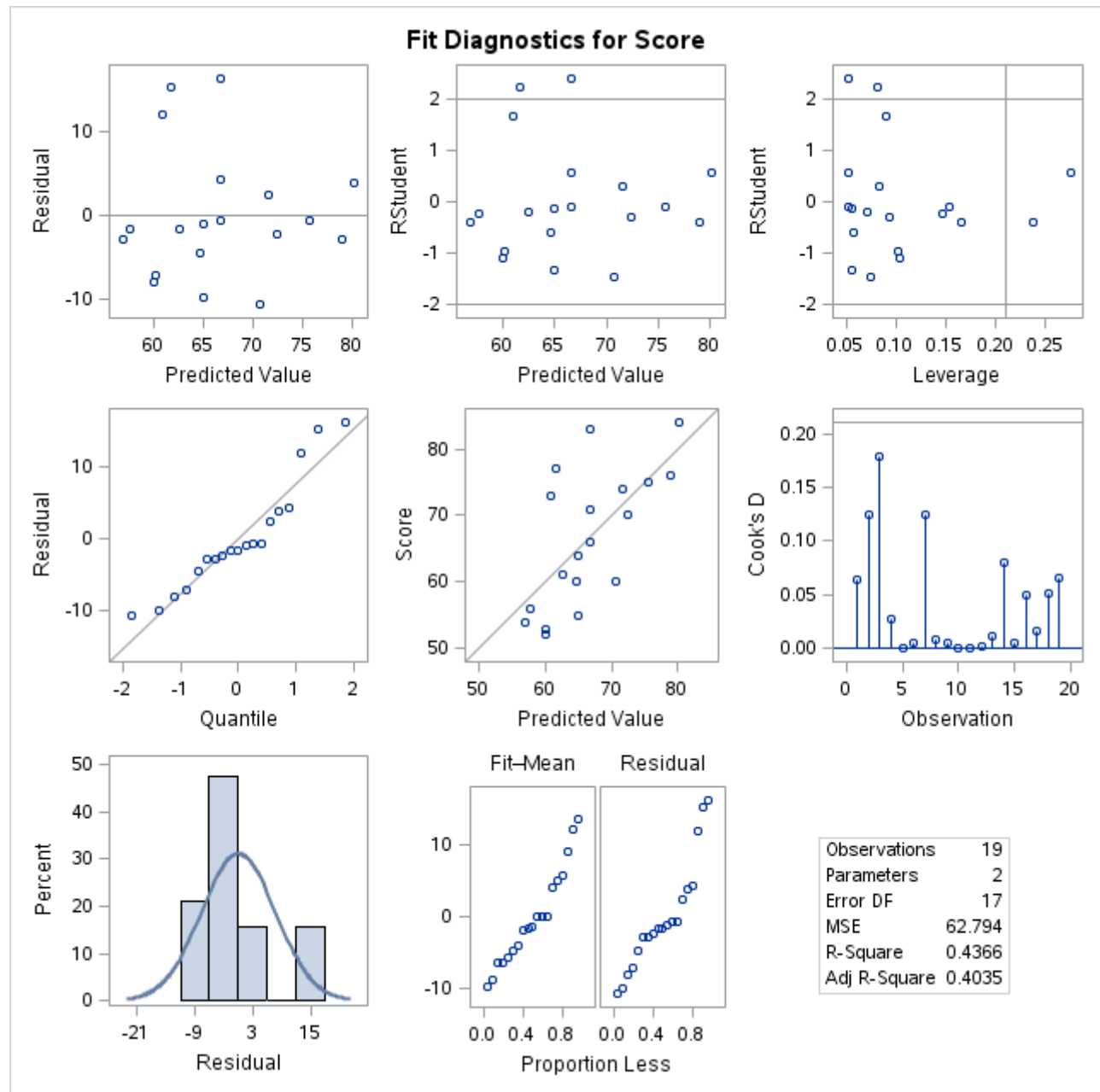
Number of Observations Read	19
Number of Observations Used	19

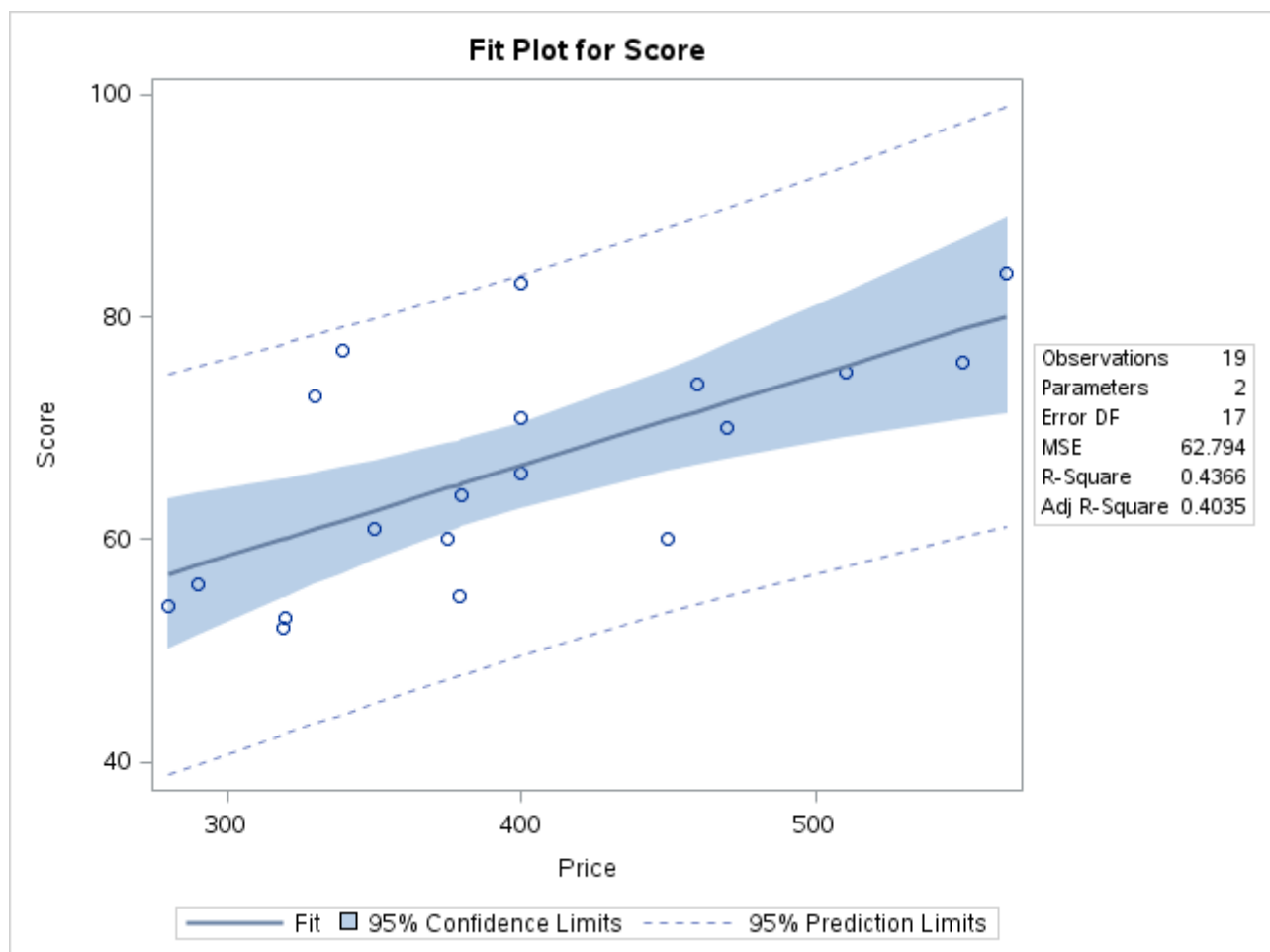
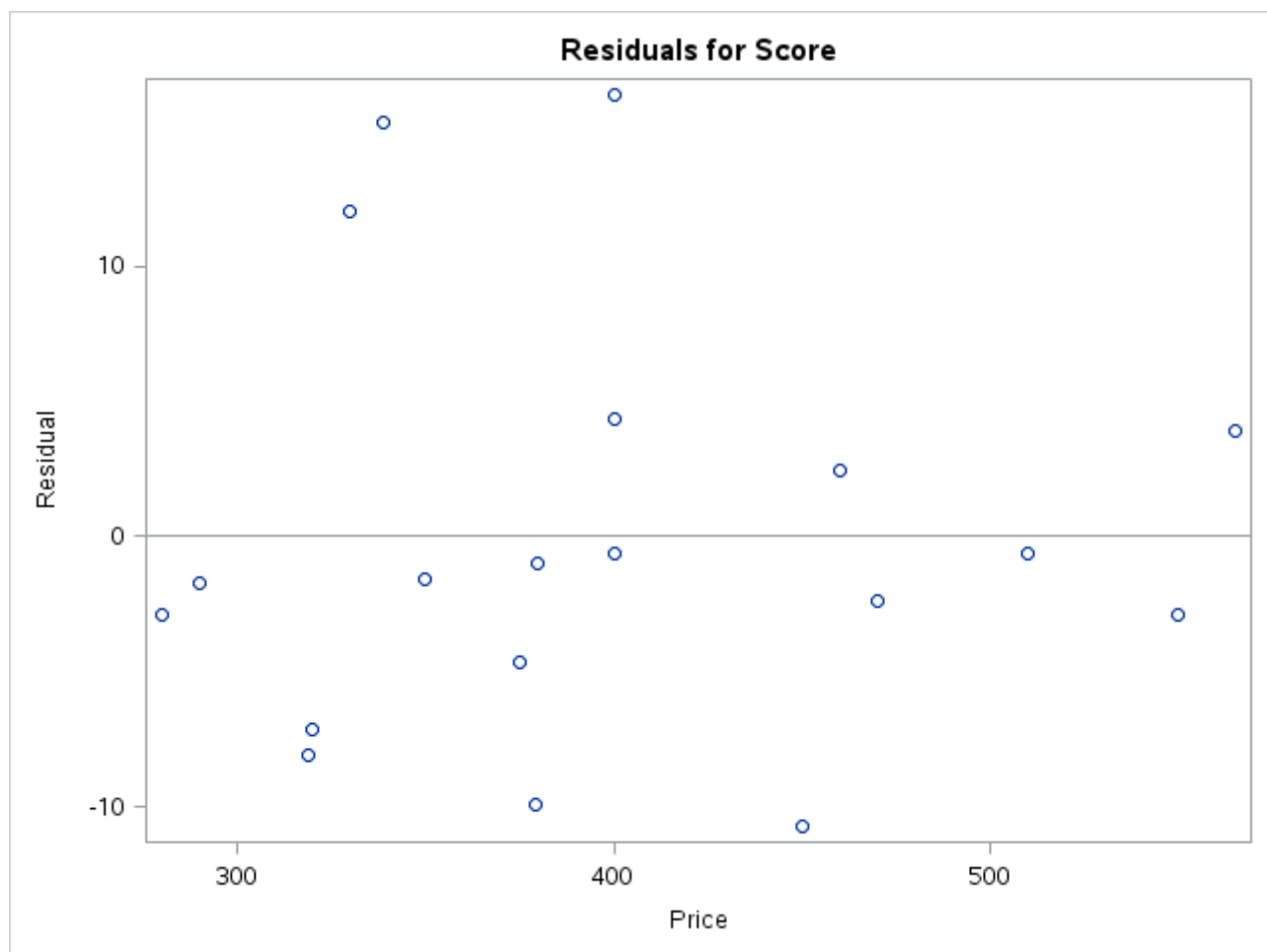
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	827.24706	827.24706	13.17	0.0021
Error	17	1067.48978	62.79352		
Corrected Total	18	1894.73684			

Root MSE	7.92424	R-Square	0.4366
Dependent Mean	66.52632	Adj R-Sq	0.4035
Coeff Var	11.91143		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	34.10332	9.11602	3.74	0.0016
Price	Price	1	0.08141	0.02243	3.63	0.0021

The REG Procedure  
Model: MODEL1  
Dependent Variable: Score





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The REG Procedure  
Model: MODEL1  
Dependent Variable: Score Score

Number of Observations Read	19
Number of Observations Used	19

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	1111.63380	555.81690	11.36	0.0009
Error	16	783.10304	48.94394		
Corrected Total	18	1894.73684			

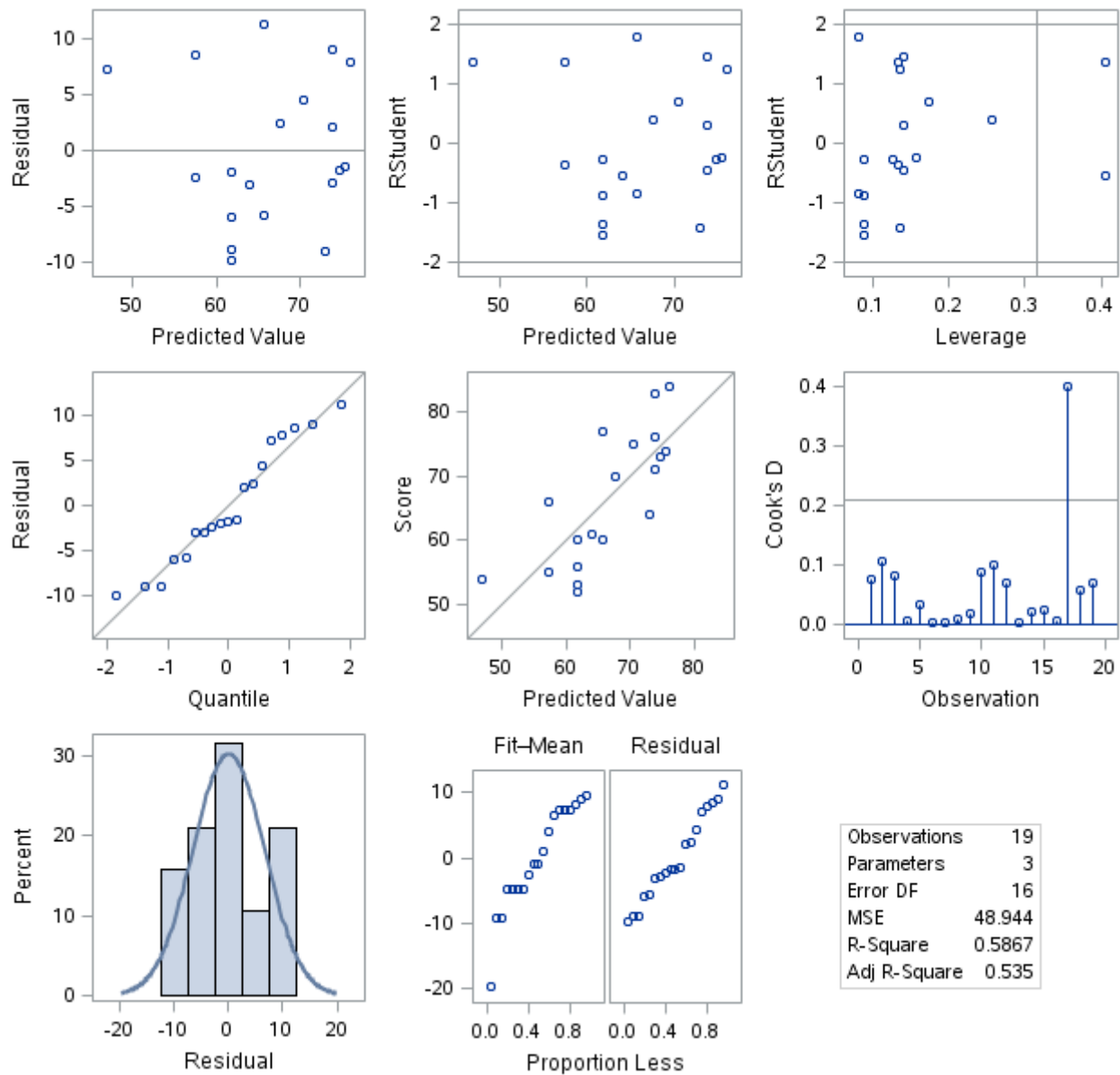
Root MSE	6.99599	R-Square	0.5867
Dependent Mean	66.52632	Adj R-Sq	0.5350
Coeff Var	10.51613		

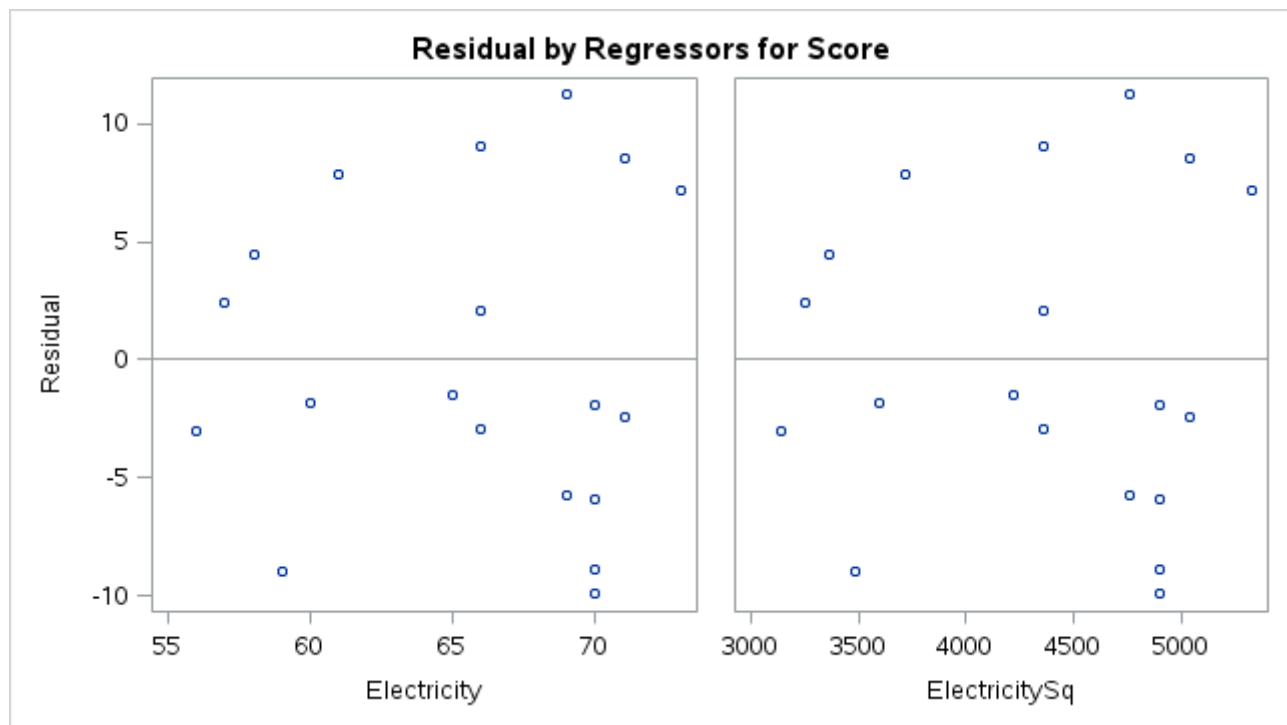
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	-1048.17517	313.75190	-3.34	0.0041
Electricity	Electricity	1	35.87050	9.81614	3.65	0.0021
ElectricitySq		1	-0.28590	0.07630	-3.75	0.0018

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The REG Procedure  
Model: MODEL1  
Dependent Variable: Score Score

# Fit Diagnostics for Score





The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ

Number of Observations Read	36
Number of Observations Used	36

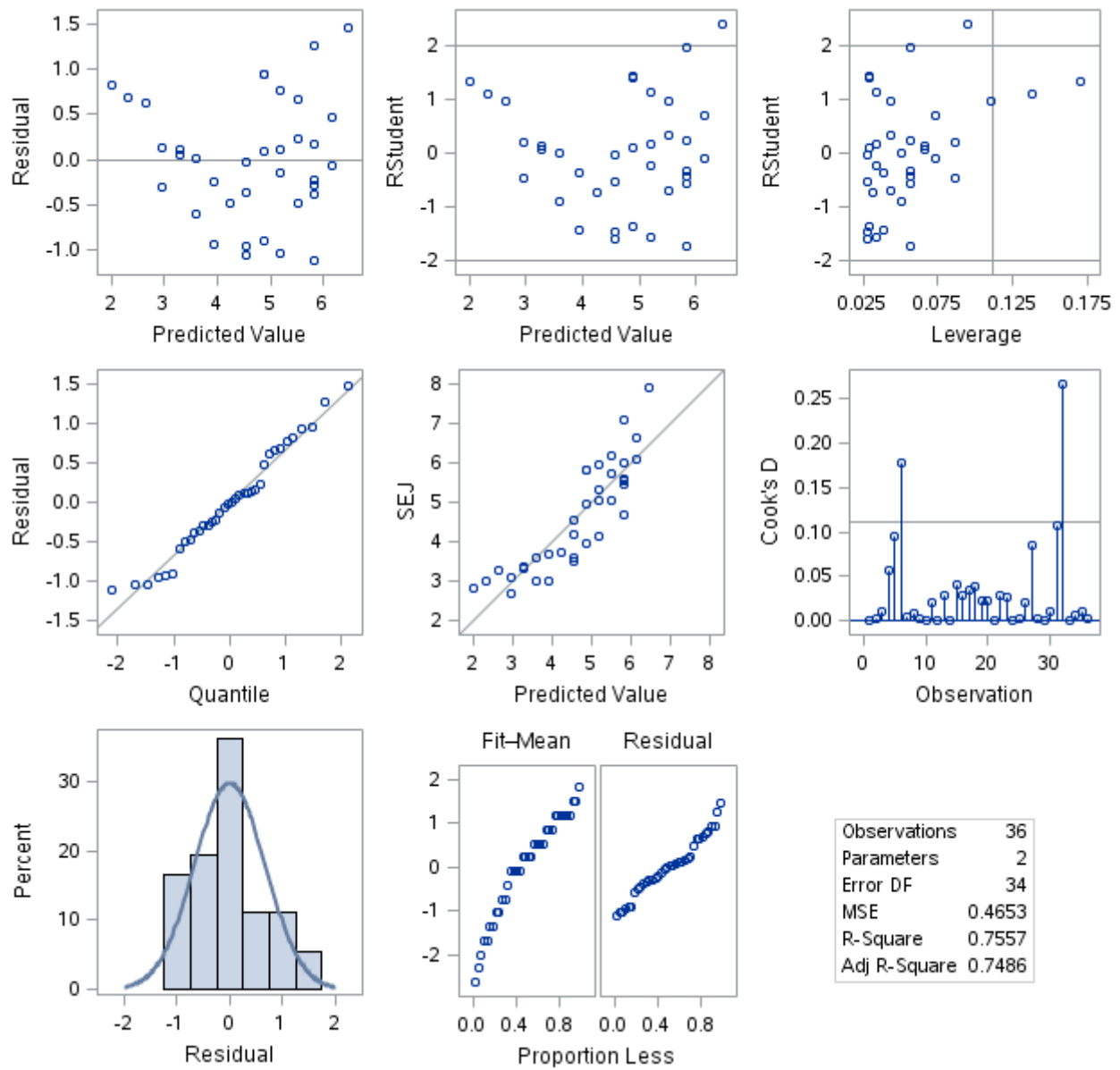
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	48.94323	48.94323	105.20	<.0001
Error	34	15.81857	0.46525		
Corrected Total	35	64.76180			

Root MSE	0.68209	R-Square	0.7557
Dependent Mean	4.65333	Adj R-Sq	0.7486
Coeff Var	14.65818		

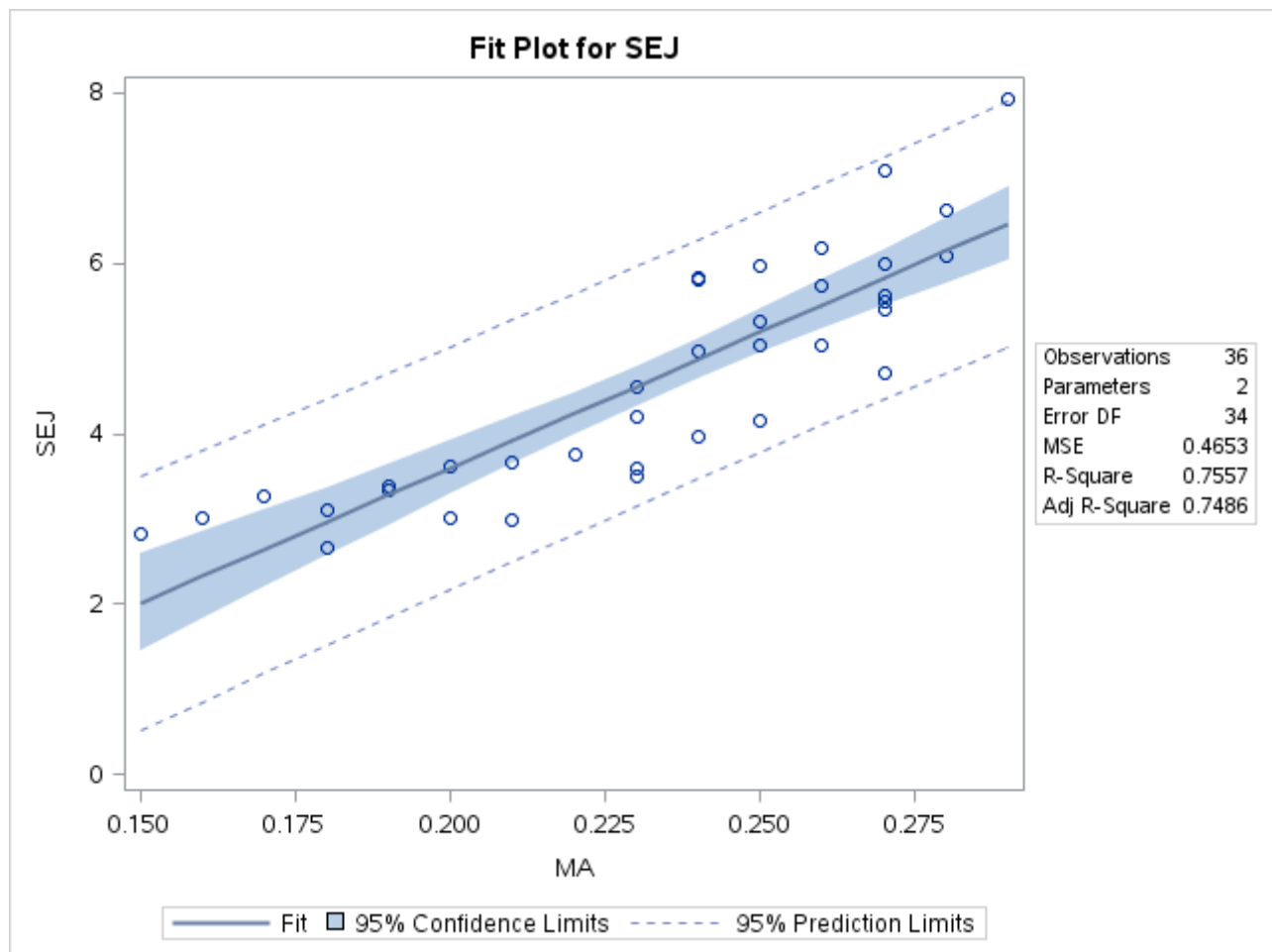
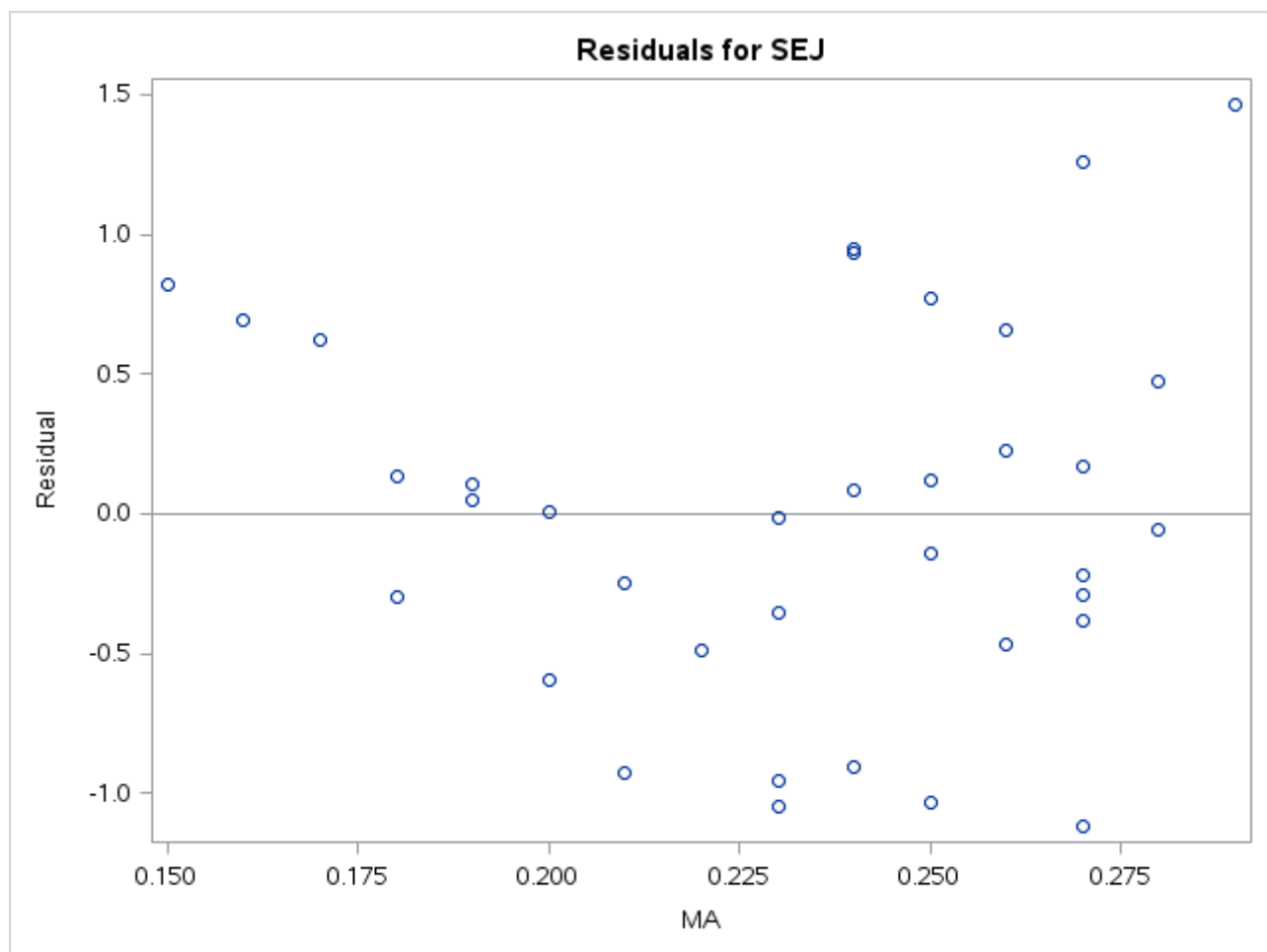
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	-2.76054	0.73173	-3.77	0.0006
MA	MA	1	31.81161	3.10158	10.26	<.0001

The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ

# Fit Diagnostics for SEJ







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The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ

Number of Observations Read	36
Number of Observations Used	36

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	52.58568	26.29284	71.26	<.0001
Error	33	12.17612	0.36897		
Corrected Total	35	64.76180			

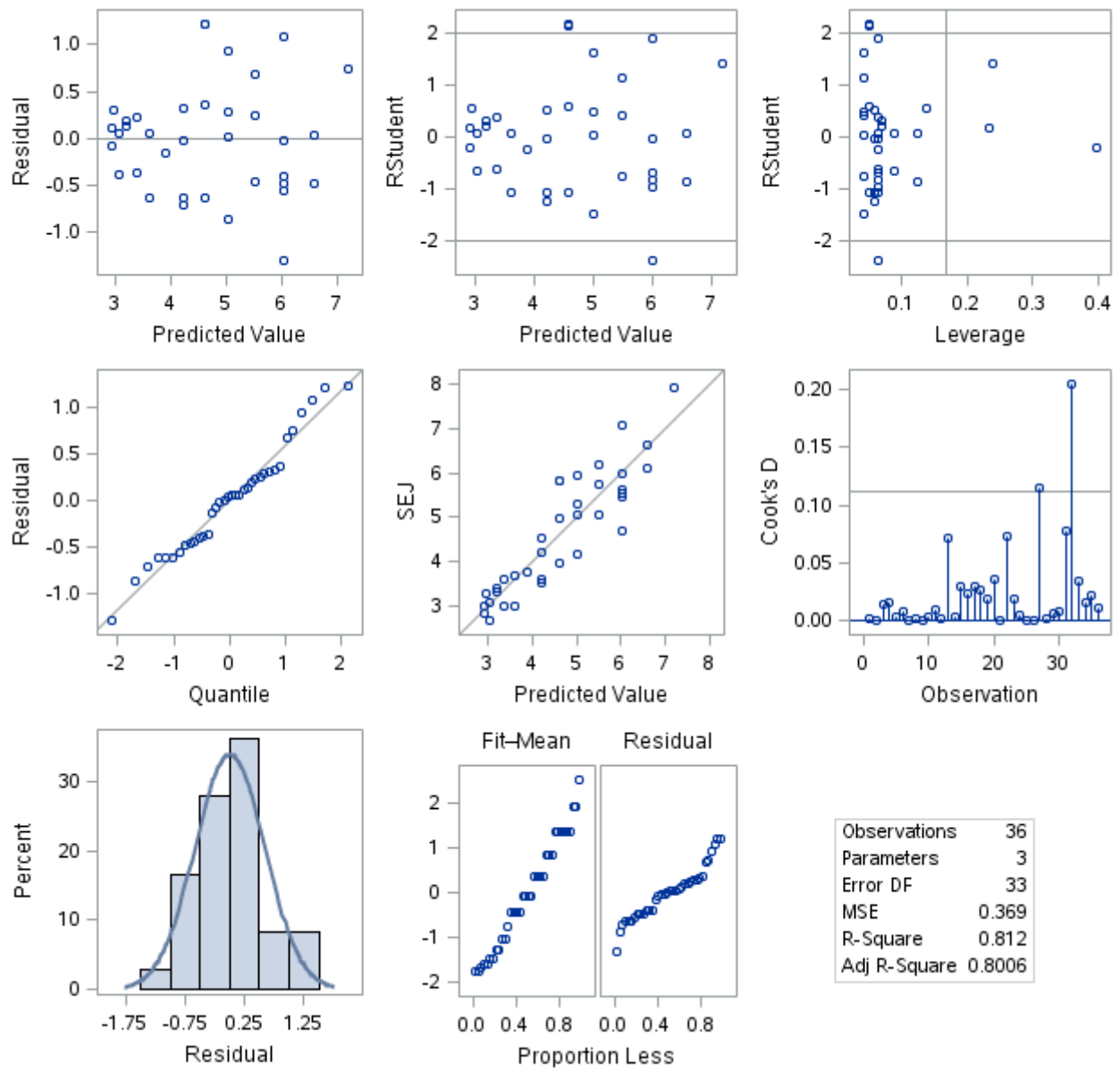
Root MSE	0.60743	R-Square	0.8120
Dependent Mean	4.65333	Adj R-Sq	0.8006
Coeff Var	13.05369		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	8.60935	3.67694	2.34	0.0254
MA	MA	1	-73.35032	33.58403	-2.18	0.0362
MASq		1	236.05951	75.13149	3.14	0.0035

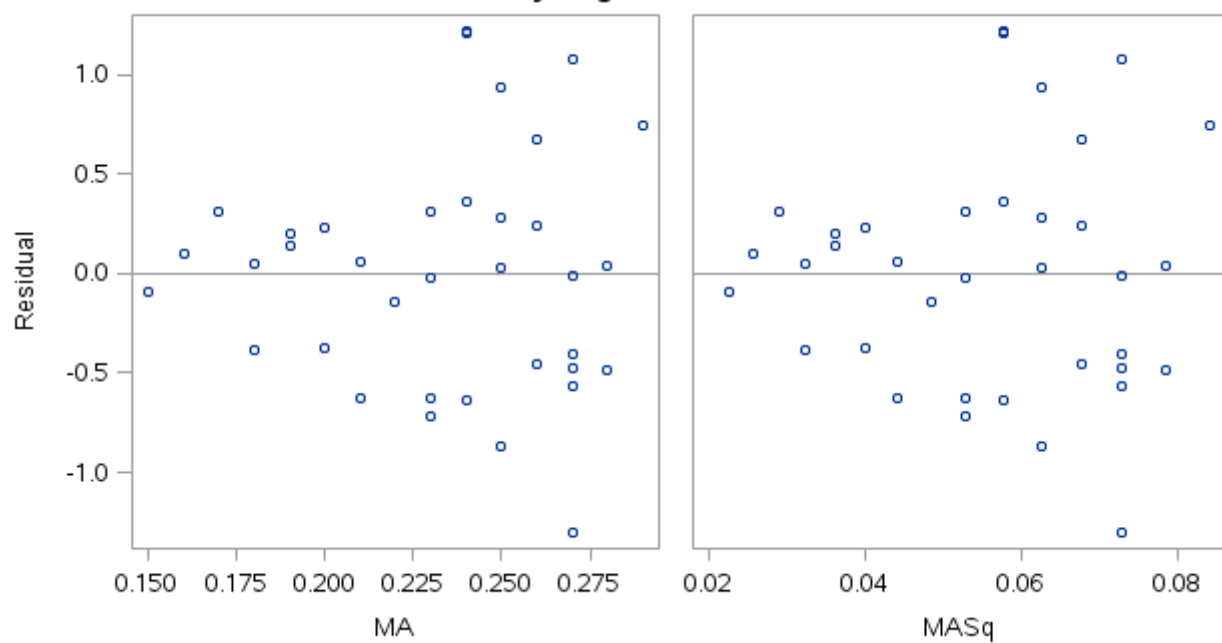
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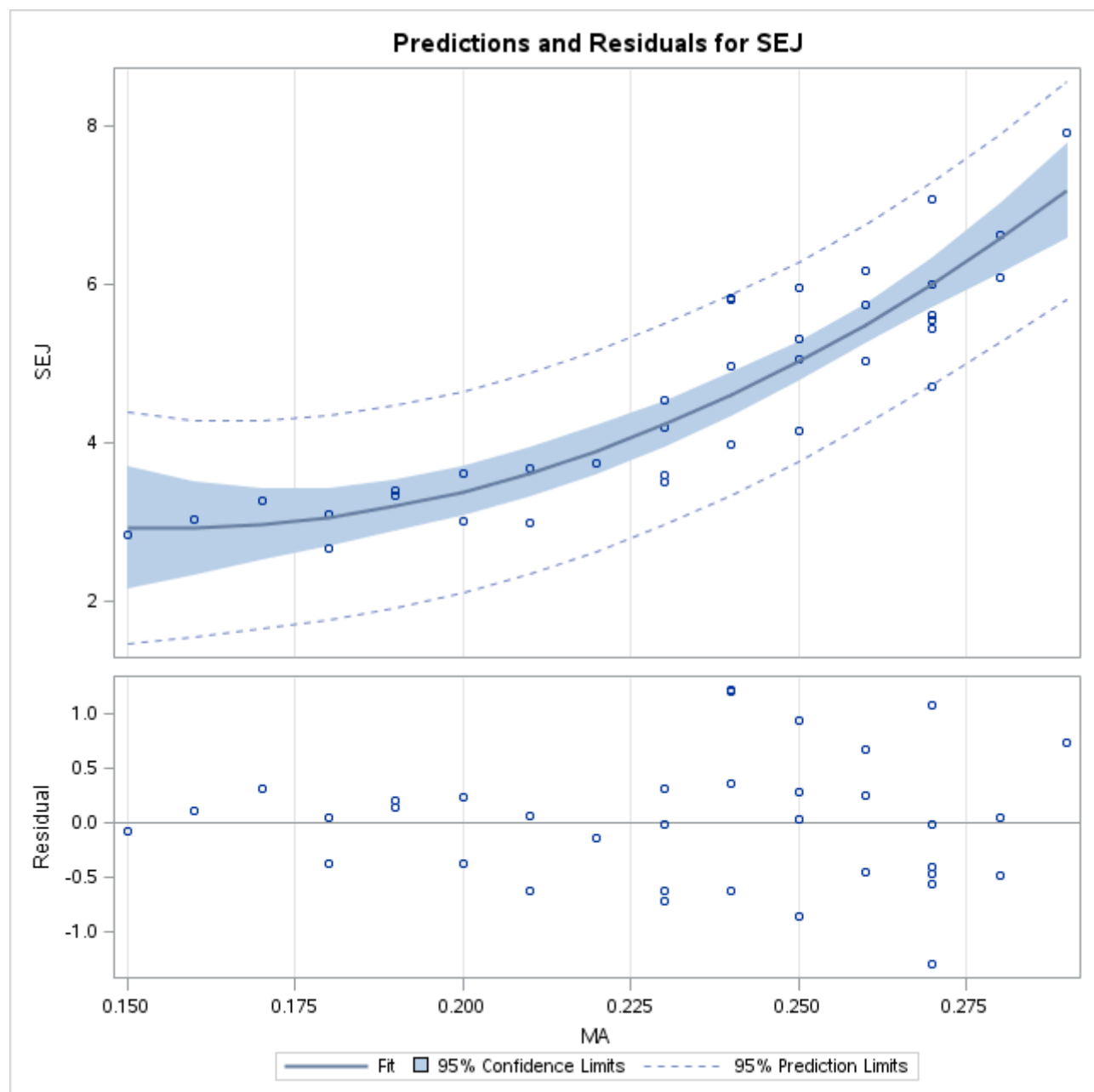
The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ

# Fit Diagnostics for SEJ



Residual by Regressors for SEJ





The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJEx

Number of Observations Read	36
Number of Observations Used	36

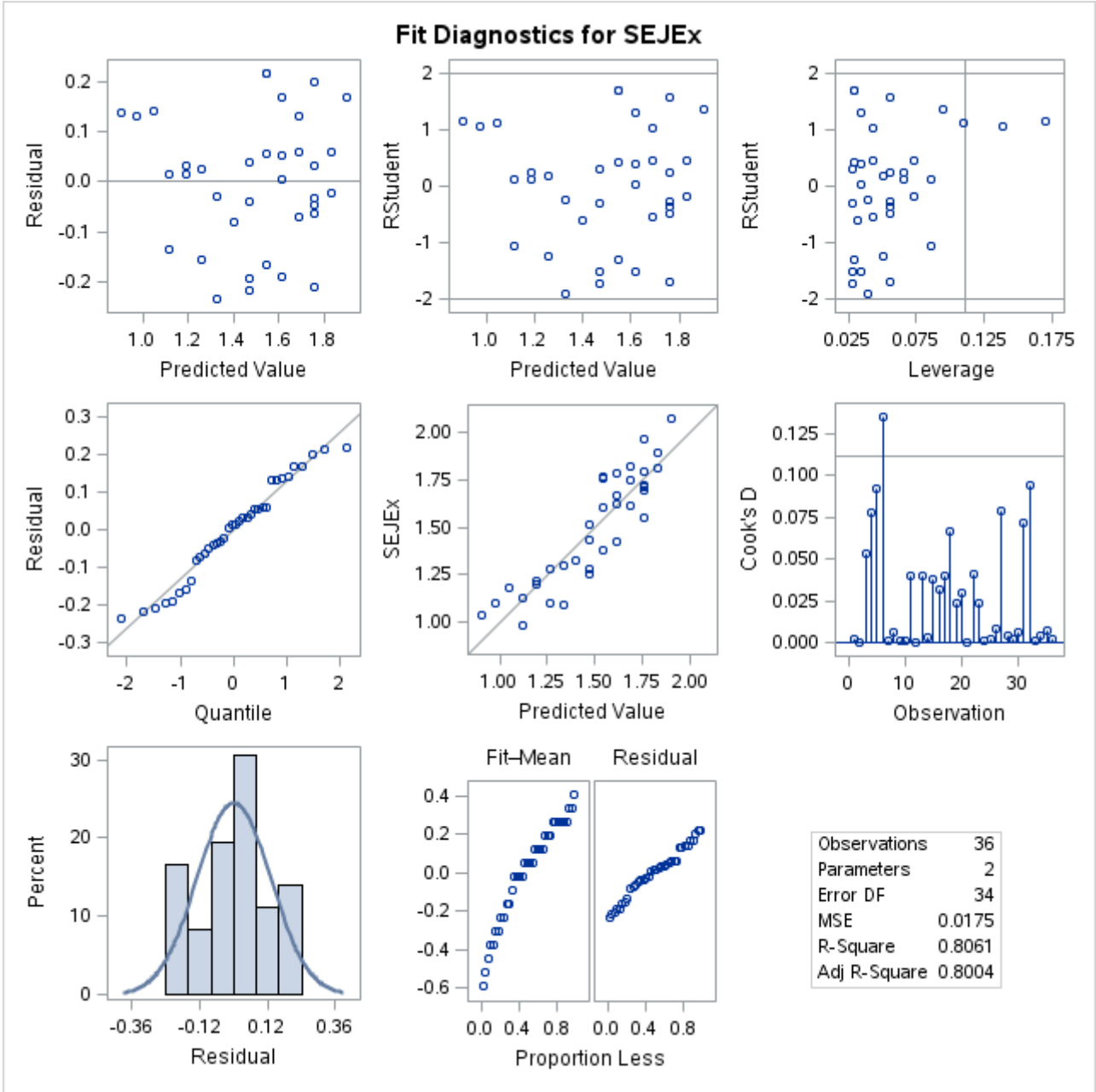
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2.46668	2.46668	141.34	<.0001
Error	34	0.59339	0.01745		
Corrected Total	35	3.06007			

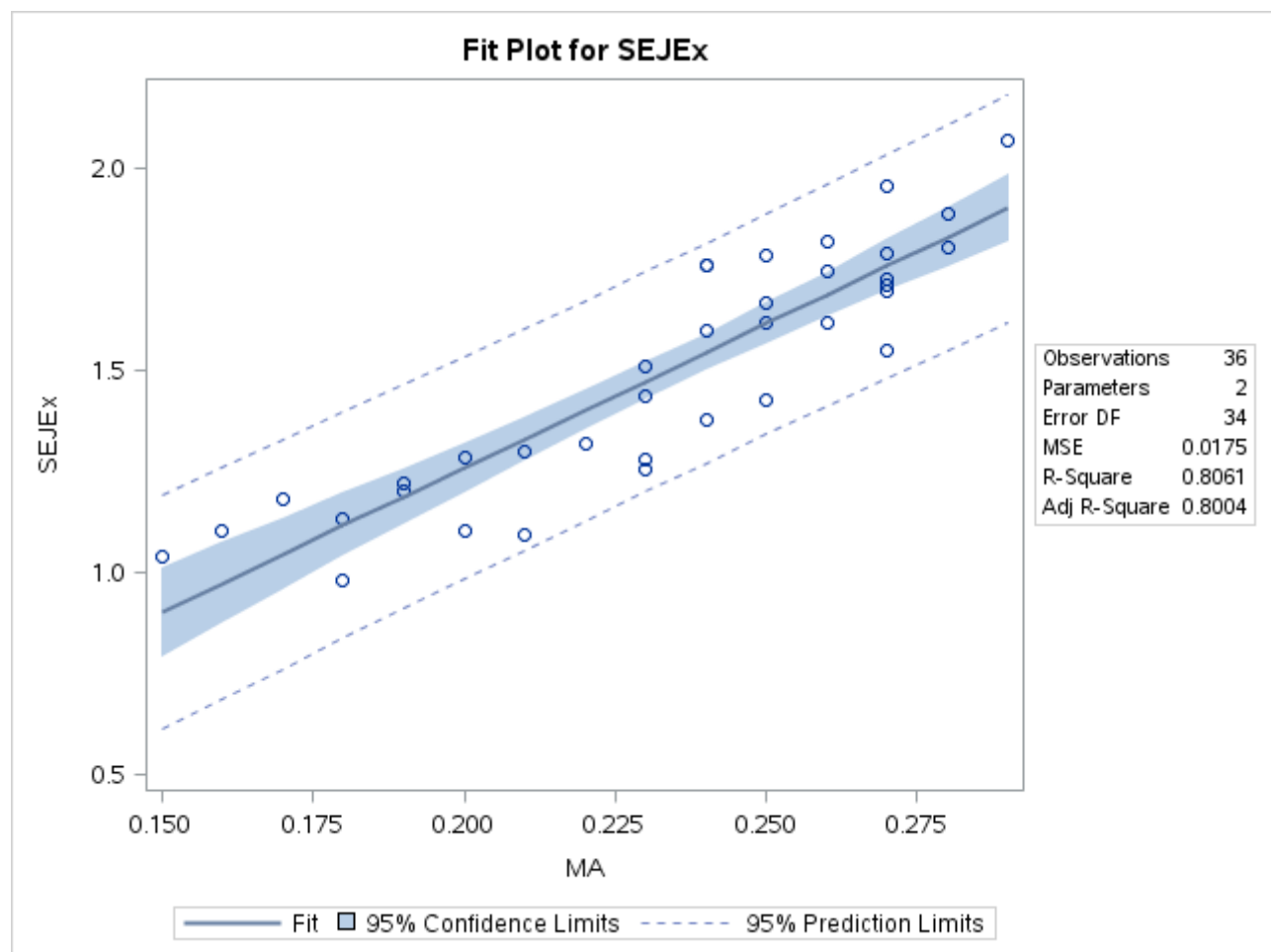
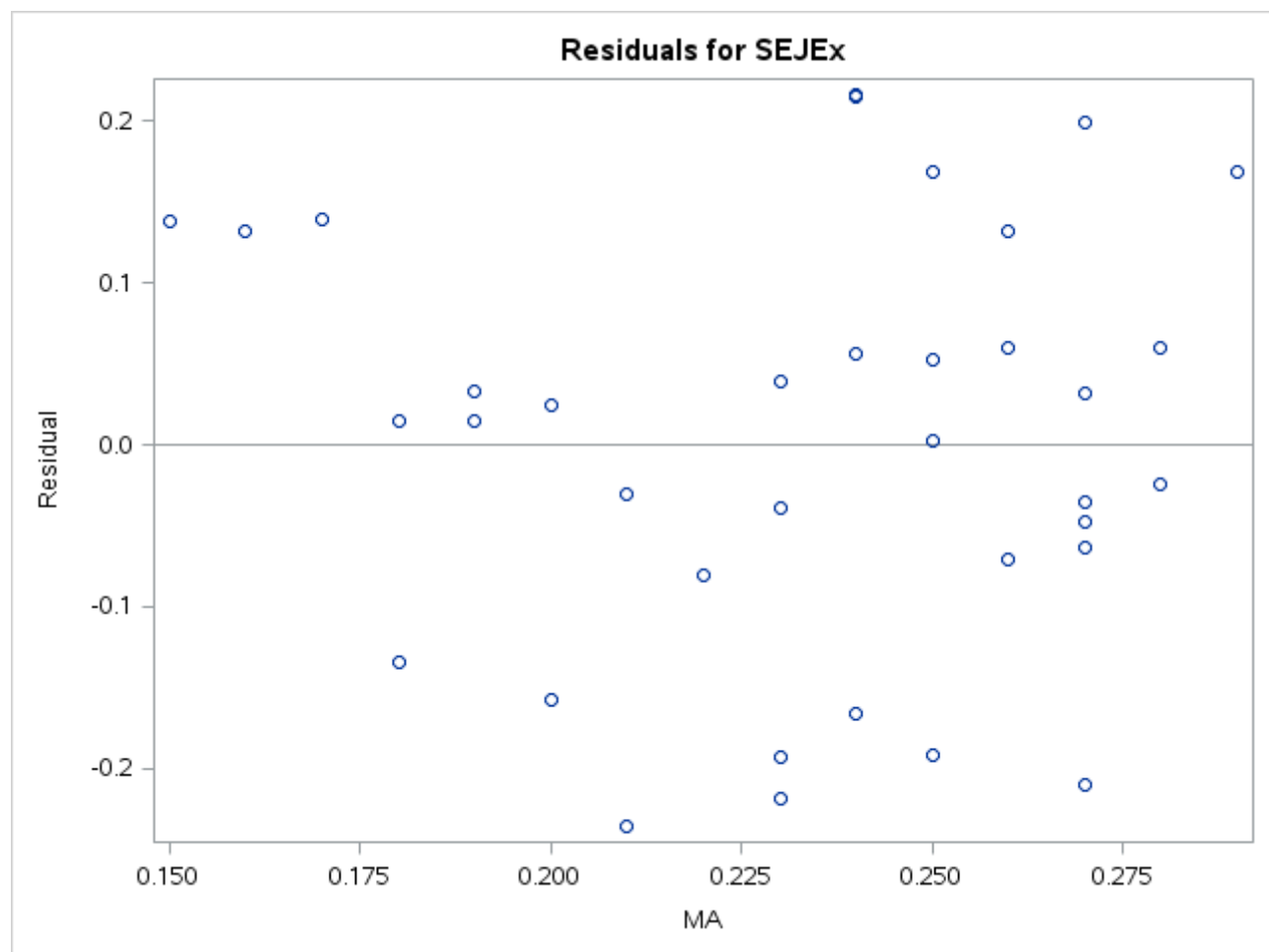
Root MSE	0.13211	R-Square	0.8061
Dependent Mean	1.49555	Adj R-Sq	0.8004

Coeff Var	8.83340	
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Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	-0.16884	0.14172	-1.19	0.2418
MA	MA	1	7.14161	0.60072	11.89	<.0001

The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJEx





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The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ

Number of Observations Read	36
Number of Observations Used	36

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	48.94323	48.94323	105.20	<.0001
Error	34	15.81857	0.46525		
Corrected Total	35	64.76180			

Root MSE	0.68209	R-Square	0.7557
Dependent Mean	4.65333	Adj R-Sq	0.7486
Coeff Var	14.65818		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	Intercept	1	-2.76054	0.73173	-3.77	0.0006
MA	MA	1	31.81161	3.10158	10.26	<.0001

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The REG Procedure  
Model: MODEL1  
Dependent Variable: SEJ SEJ



# Fit Diagnostics for SEJ

