

Basic Summary Statistics for Economic Data
Tarrodan (1962-2024)

The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
Inflation	Inflation	63	4.2969643	2.8252150	0.2180519	13.0963301
ONRTE	ONRTE	63	5.4973392	4.0719508	0.1238111	18.8882423
ONEYRSPOT	ONEYRSPOT	63	5.6452182	3.9647253	0.1438111	17.0249923
TENYRSPOT	TENYRSPOT	63	6.7065219	3.5610174	0.9673845	17.4131592

Advanced Summary Statistics for Economic Data
Tarrodan (1962-2024)

The UNIVARIATE Procedure
Variable: Inflation (Inflation)

Moments			
N	63	Sum Weights	63
Mean	4.29696429	Sum Observations	270.70875
Std Deviation	2.82521497	Variance	7.98183963
Skewness	1.22477931	Kurtosis	1.34581414
Uncorrected SS	1658.09989	Corrected SS	494.874057
Coeff Variation	65.7490912	Std Error Mean	0.35594363

Basic Statistical Measures			
Location		Variability	
Mean	4.296964	Std Deviation	2.82521
Median	3.290679	Variance	7.98184
Mode	.	Range	12.87828
		Interquartile Range	3.24160

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	12.07204	Pr > t	<.0001
Sign	M	31.5	Pr >= M	<.0001
Signed Rank	S	1008	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	13.096330
99%	13.096330
95%	10.498617
90%	7.748130
75% Q3	5.628017
50% Median	3.290679
25% Q1	2.386413
10%	1.635108
5%	0.720878
1%	0.218052
0% Min	0.218052

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.218052	54	8.96969	18
0.618967	48	10.49862	14
0.641584	55	11.05744	20

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.720878	59	12.23044	13
1.120219	53	13.09633	19

Advanced Summary Statistics for Economic Data
Tarrodan (1962-2024)

The UNIVARIATE Procedure
Variable: ONRTE (ONRTE)

Moments			
N	63	Sum Weights	63
Mean	5.4973392	Sum Observations	346.33237
Std Deviation	4.07195084	Variance	16.5807837
Skewness	0.80476232	Kurtosis	0.83050729
Uncorrected SS	2931.9151	Corrected SS	1028.00859
Coeff Variation	74.0713042	Std Error Mean	0.51301758

Basic Statistical Measures			
Location		Variability	
Mean	5.497339	Std Deviation	4.07195
Median	5.515327	Variance	16.58078
Mode	.	Range	18.76443
		Interquartile Range	5.80641

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	10.71569	Pr > t	<.0001
Sign	M	31.5	Pr >= M	<.0001
Signed Rank	S	1008	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	18.888242
99%	18.888242
95%	12.637318
90%	10.556786
75% Q3	7.842740
50% Median	5.515327
25% Q1	2.036330
10%	0.223319
5%	0.165513
1%	0.123811
0% Min	0.123811

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.123811	60	12.0247	13
0.143870	53	12.6373	18
0.156530	50	13.3213	21
0.165513	52	14.9917	19

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.190971	54	18.8882	20

Advanced Summary Statistics for Economic Data
Tarrodan (1962-2024)

The UNIVARIATE Procedure
Variable: ONEYRSPOT (ONEYRSPOT)

Moments			
N	63	Sum Weights	63
Mean	5.64521817	Sum Observations	355.648745
Std Deviation	3.96472529	Variance	15.7190466
Skewness	0.67226486	Kurtosis	0.33285798
Uncorrected SS	2982.29565	Corrected SS	974.58089
Coeff Variation	70.2315689	Std Error Mean	0.49950843

Basic Statistical Measures			
Location		Variability	
Mean	5.645218	Std Deviation	3.96473
Median	5.705501	Variance	15.71905
Mode	.	Range	16.88118
		Interquartile Range	5.57701

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	11.30155	Pr > t	<.0001
Sign	M	31.5	Pr >= M	<.0001
Signed Rank	S	1008	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	17.024992
99%	17.024992
95%	13.331283
90%	10.263828
75% Q3	7.762992
50% Median	5.705501
25% Q1	2.185986
10%	0.404708
5%	0.240001
1%	0.143811
0% Min	0.143811

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.143811	60	12.3885	23
0.183549	53	13.3313	21
0.195632	52	13.5717	19
0.240001	51	15.4857	26
0.246159	50	17.0250	20

Advanced Summary Statistics for Economic Data
Tarrodan (1962-2024)

The UNIVARIATE Procedure
Variable: TENYRSPOT (TENYRSPOT)

Moments			
N	63	Sum Weights	63
Mean	6.70652192	Sum Observations	422.510881
Std Deviation	3.56101738	Variance	12.6808448
Skewness	0.90087109	Kurtosis	0.76744807
Uncorrected SS	3619.79086	Corrected SS	786.212377
Coeff Variation	53.0978266	Std Error Mean	0.44864602

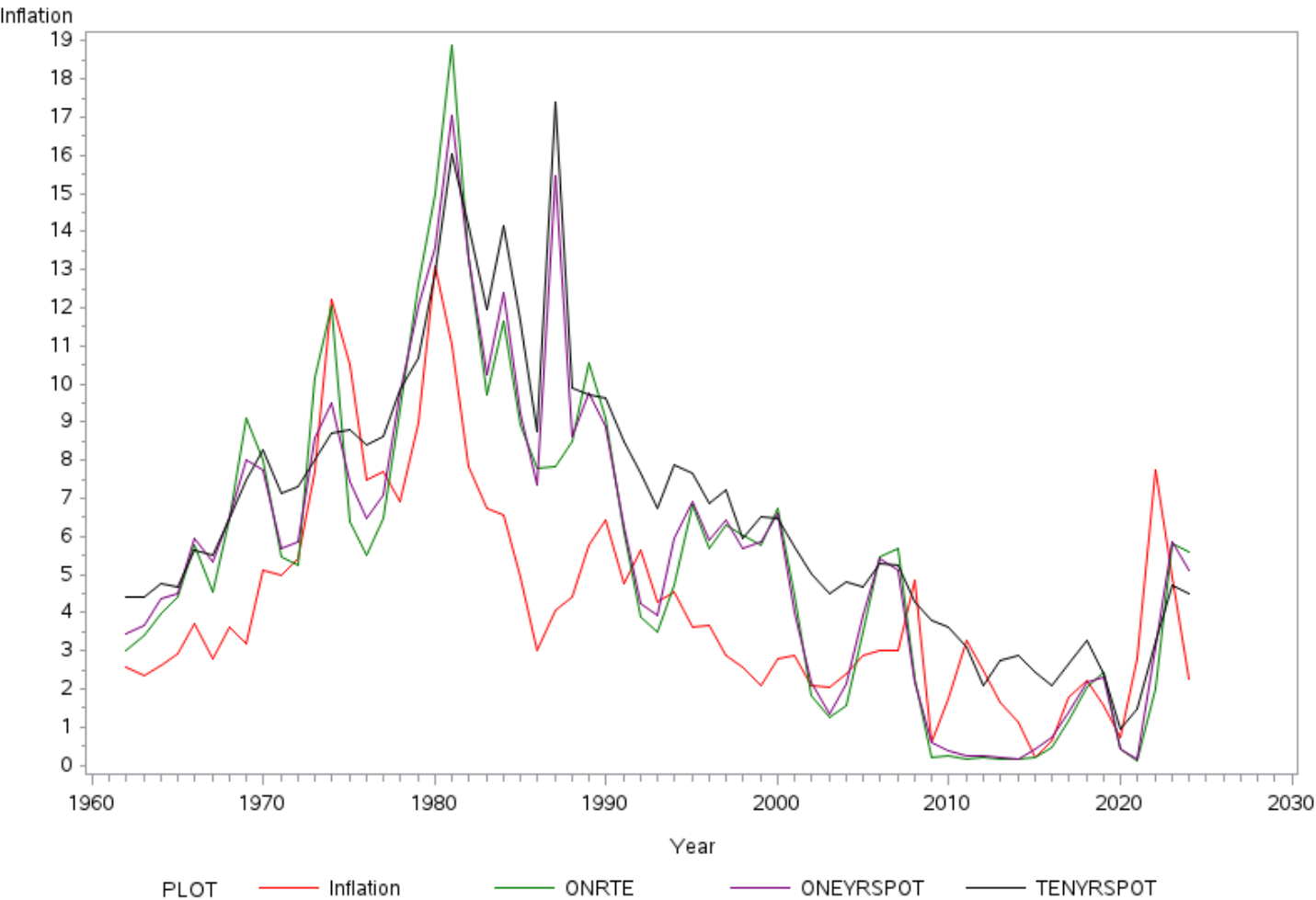
Basic Statistical Measures			
Location		Variability	
Mean	6.706522	Std Deviation	3.56102
Median	6.467428	Variance	12.68084
Mode	.	Range	16.44577
		Interquartile Range	4.20527

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	14.94836	Pr > t	<.0001
Sign	M	31.5	Pr >= M	<.0001
Signed Rank	S	1008	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	17.413159
99%	17.413159
95%	14.140054
90%	11.656501
75% Q3	8.608246
50% Median	6.467428
25% Q1	4.402976
10%	2.670945
5%	2.084898
1%	0.967385
0% Min	0.967385

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
0.967385	59	12.9192	19
1.493811	60	14.1401	23
2.077088	51	14.1704	21
2.084898	55	16.0481	20
2.418734	58	17.4132	26

Graph of Economic Data
Tarrodan (1962-2024)



Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: Inflation Inflation

Number of Observations Read	63
Number of Observations Used	63

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	103.11024	103.11024	16.05	0.0002
Error	61	391.76382	6.42236		
Corrected Total	62	494.87406			

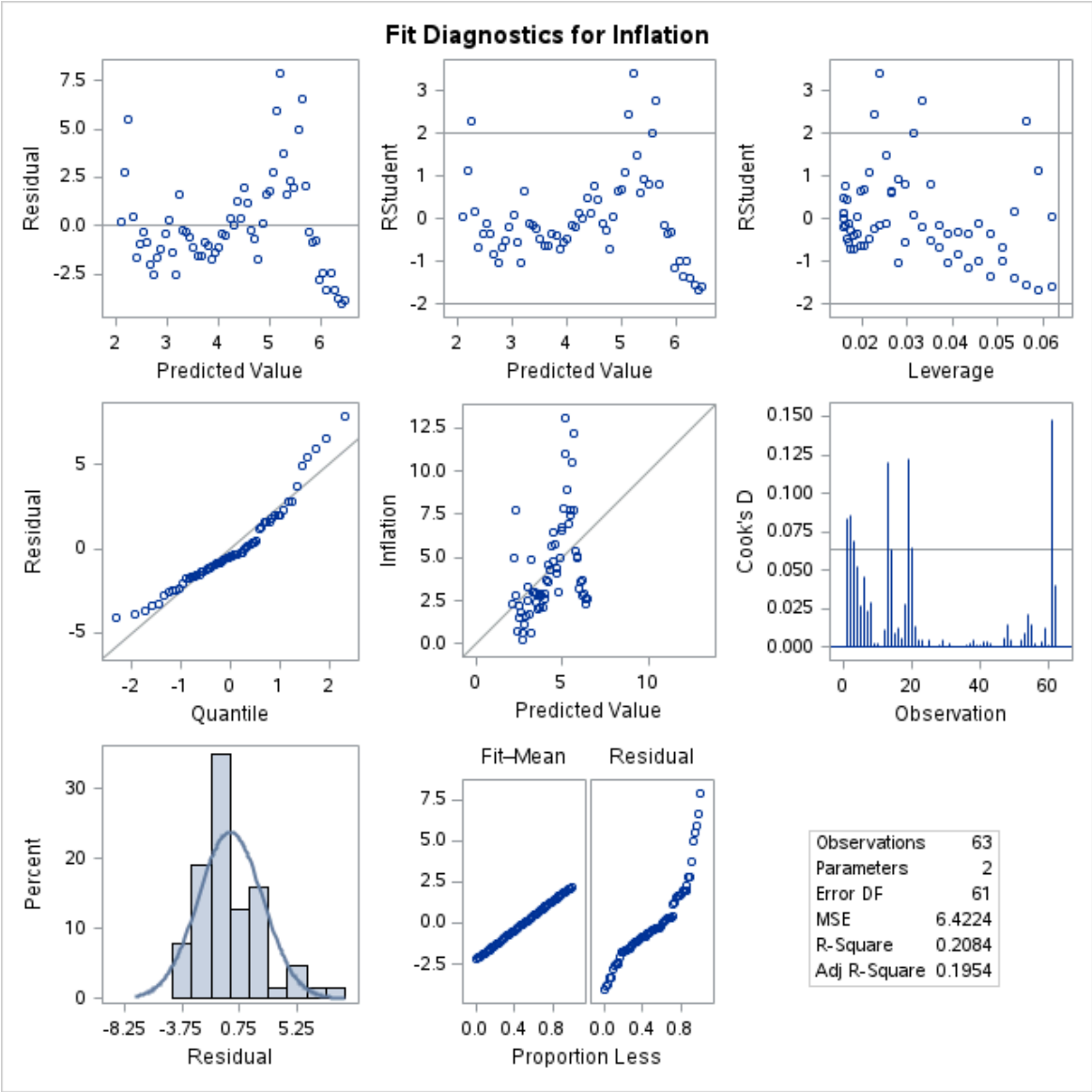
Root MSE	2.53424	R-Square	0.2084
Dependent Mean	4.29696	Adj R-Sq	0.1954
Coeff Var	58.97738		

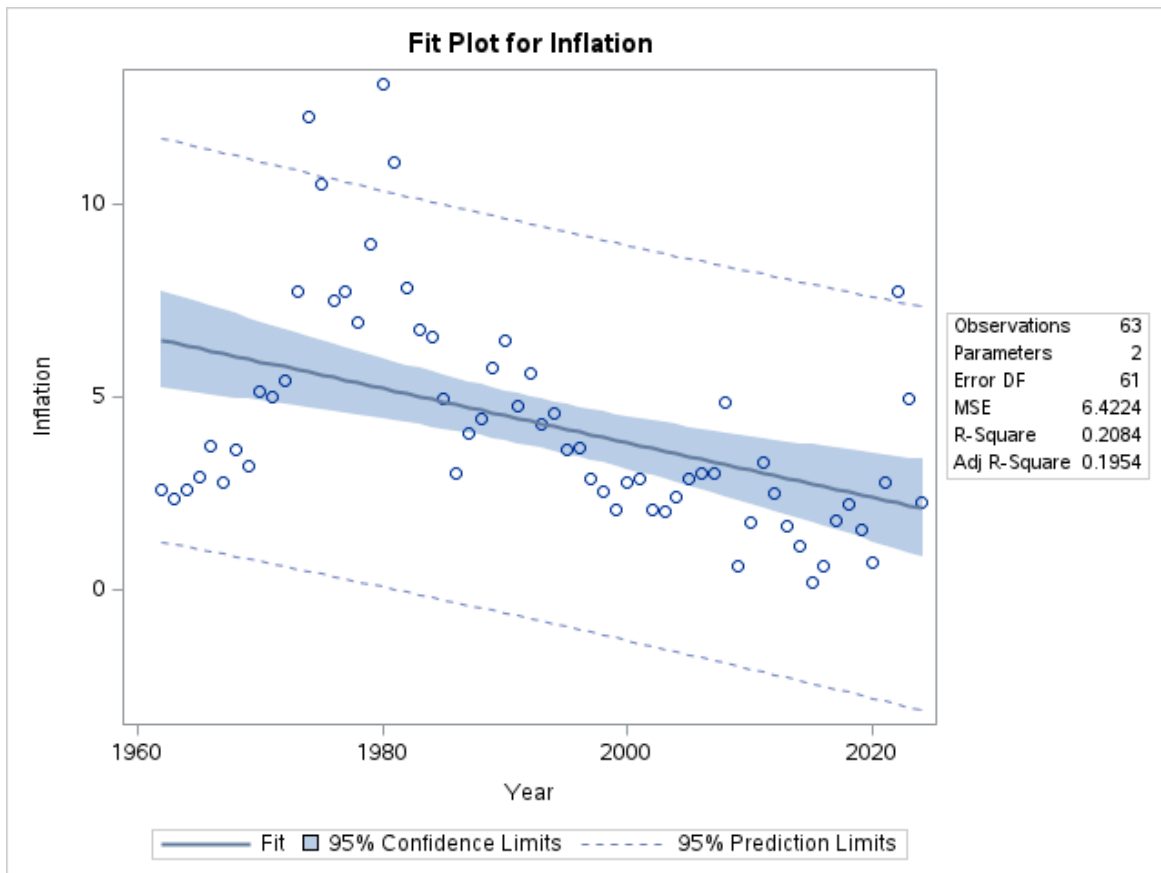
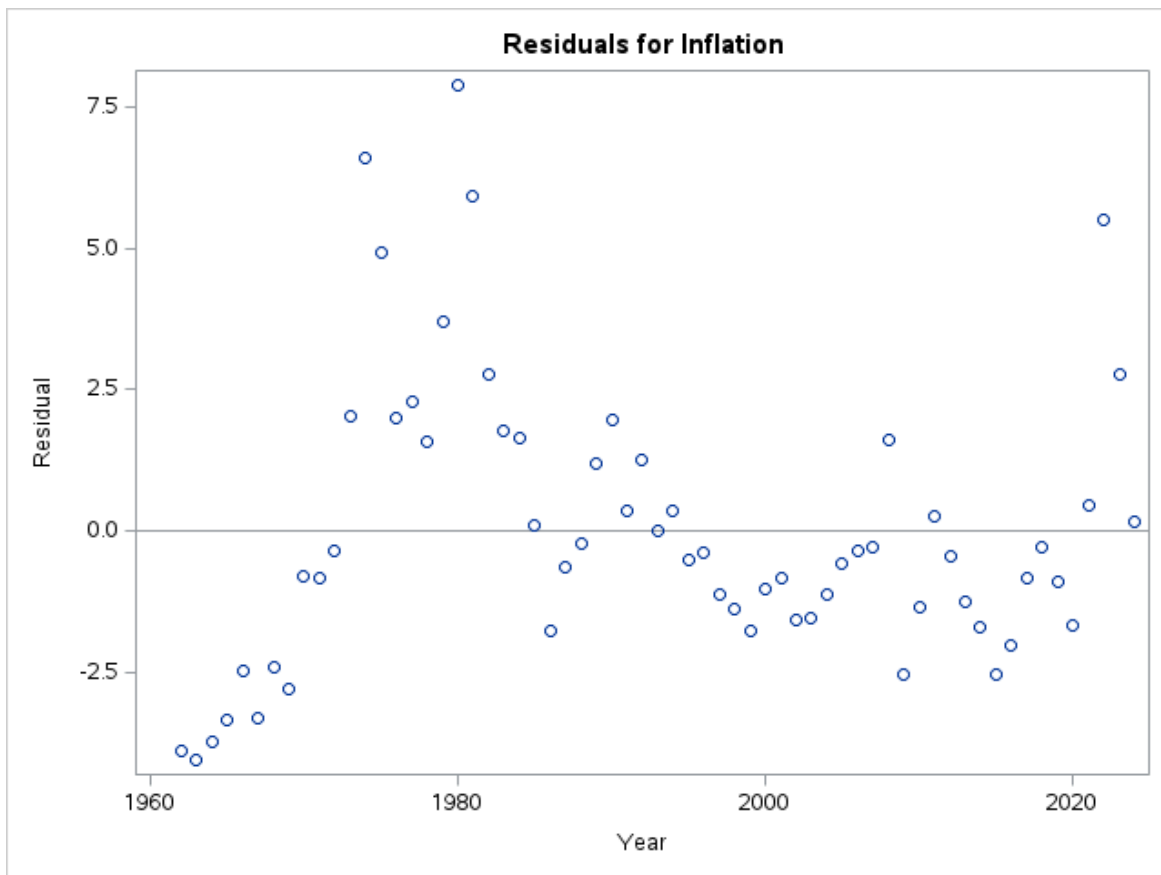
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	144.51139	34.99509	4.13	0.0001

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Year	Year	1	-0.07035	0.01756	-4.01	0.0002

Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: Inflation Inflation





Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: ONRTE ONRTE

Number of Observations Read	63
Number of Observations Used	63

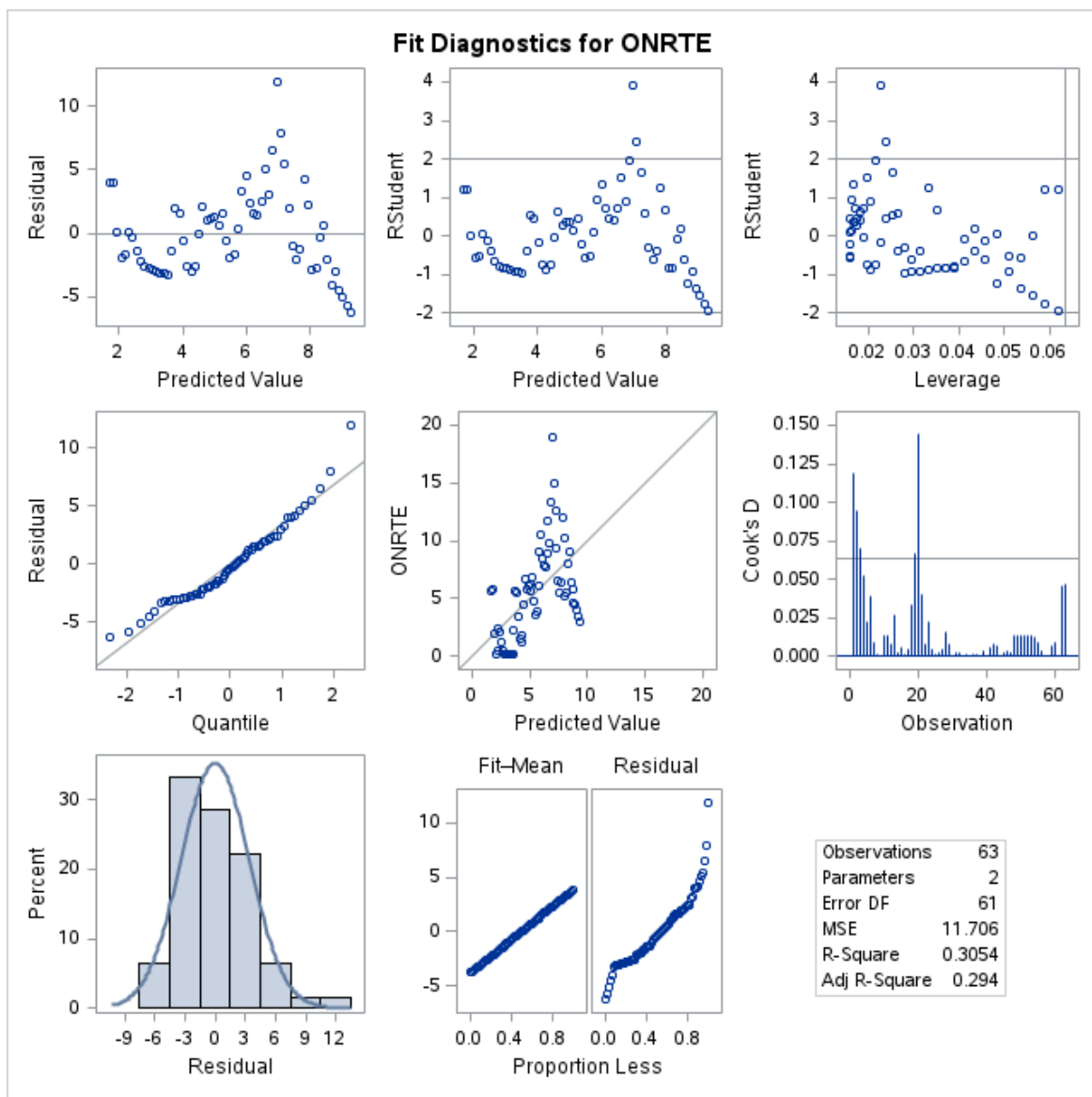
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	313.95544	313.95544	26.82	<.0001
Error	61	714.05314	11.70579		
Corrected Total	62	1028.00859			

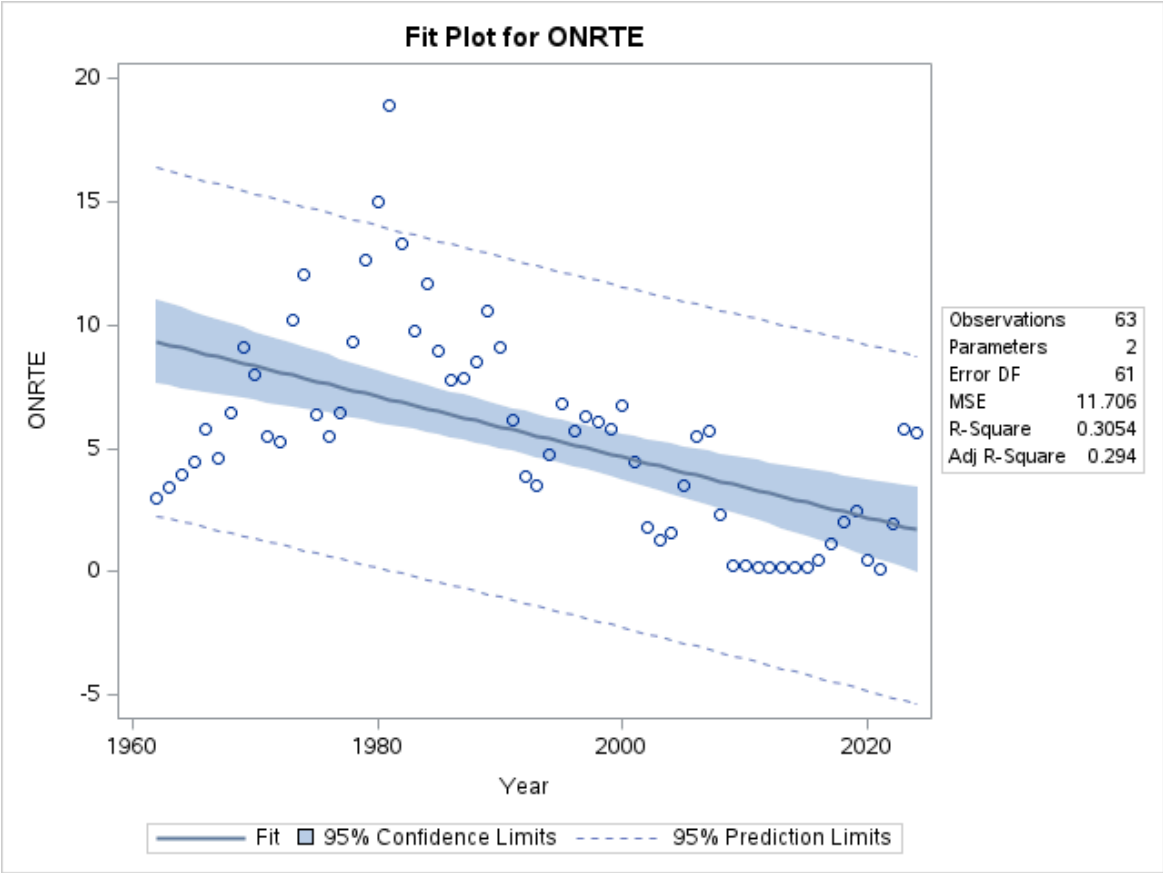
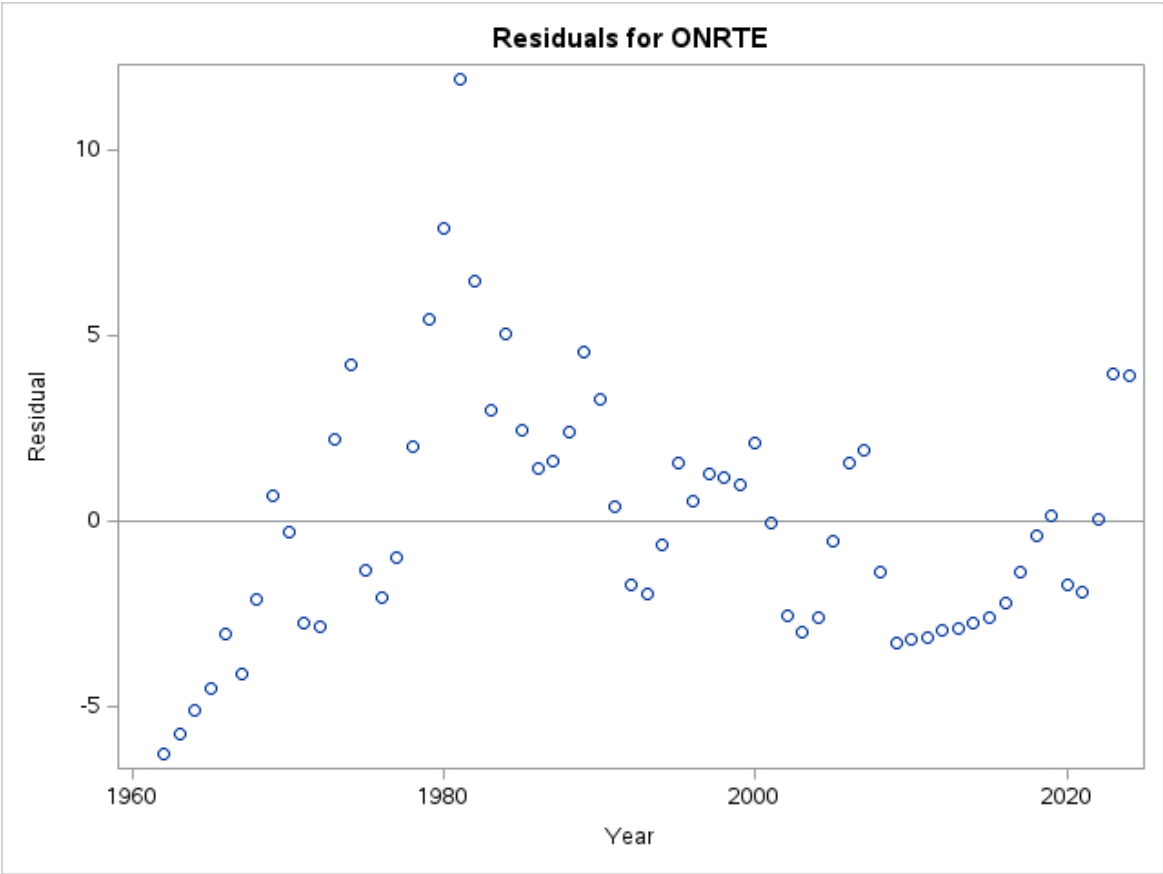
Root MSE	3.42137	R-Square	0.3054
Dependent Mean	5.49734	Adj R-Sq	0.2940
Coeff Var	62.23688		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	250.16458	47.24548	5.29	<.0001
Year	Year	1	-0.12276	0.02370	-5.18	<.0001

Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: ONRTE ONRTE





Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: ONEYRSPOT ONEYRSPOT

Number of Observations Read	63
Number of Observations Used	63

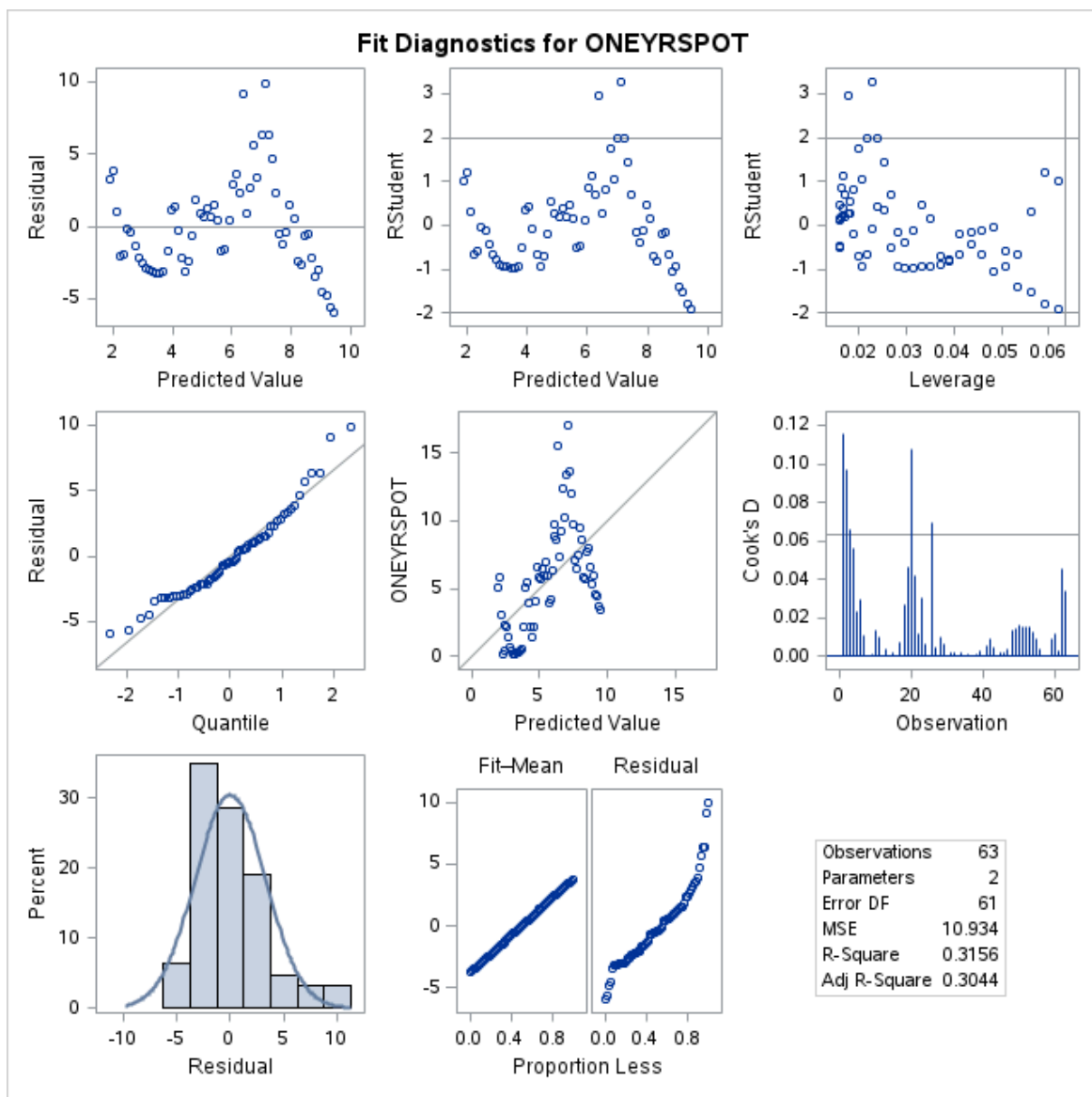
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	307.60603	307.60603	28.13	<.0001
Error	61	666.97486	10.93401		
Corrected Total	62	974.58089			

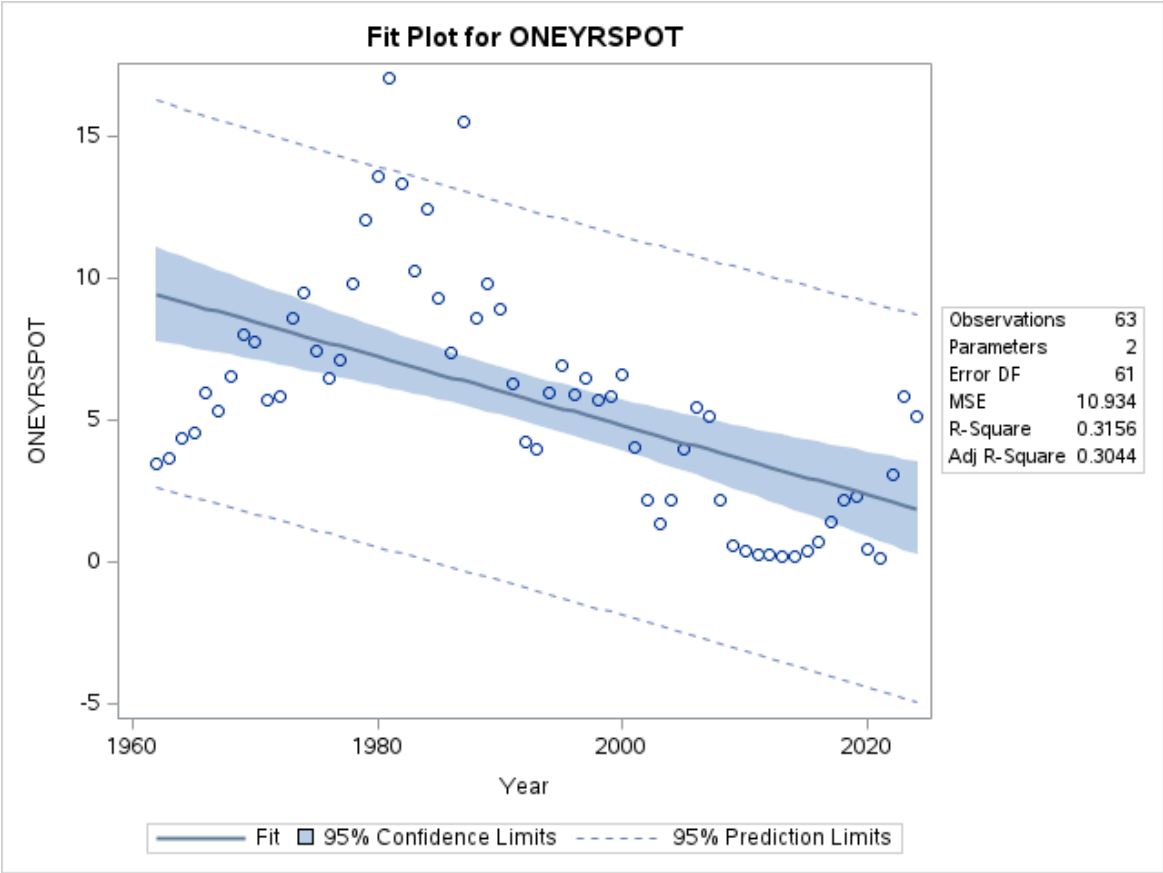
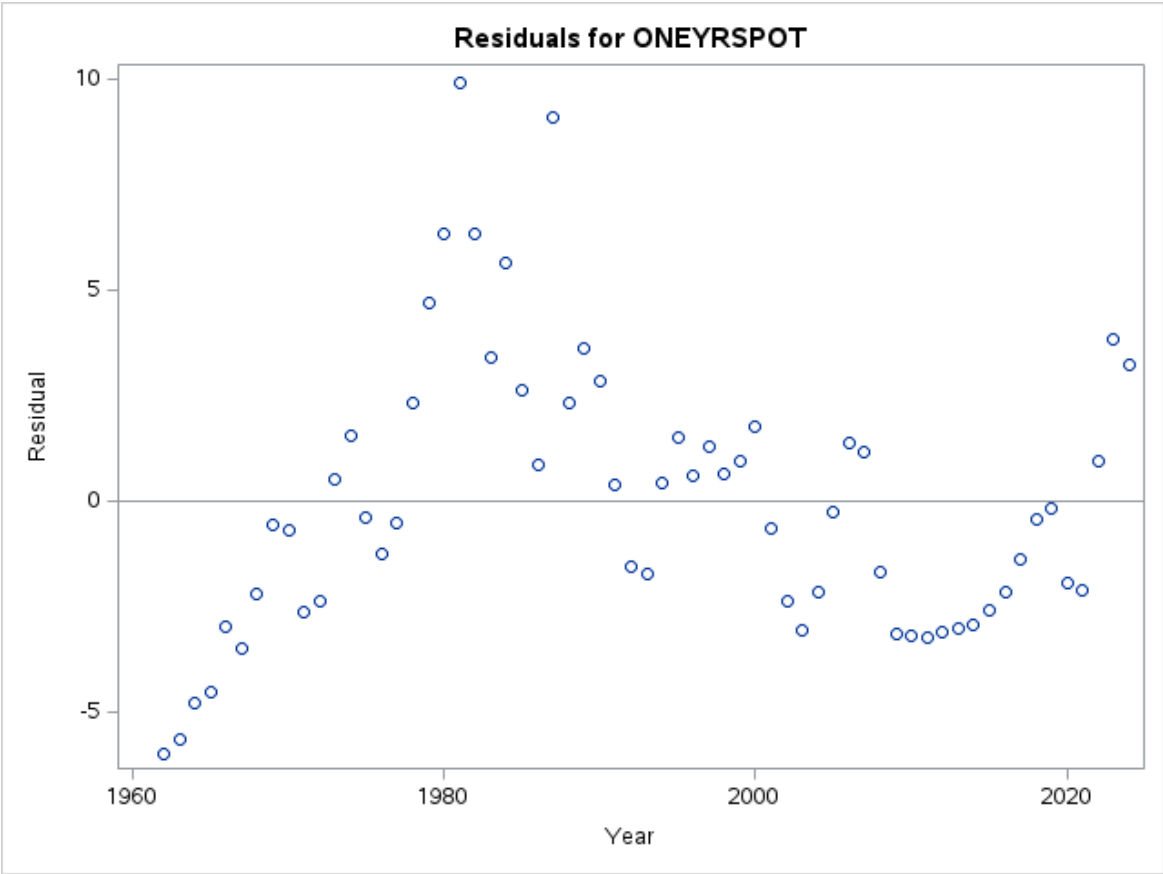
Root MSE	3.30666	R-Square	0.3156
Dependent Mean	5.64522	Adj R-Sq	0.3044
Coeff Var	58.57457		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	247.82575	45.66145	5.43	<.0001
Year	Year	1	-0.12152	0.02291	-5.30	<.0001

Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: ONEYRSPOT ONEYRSPOT





**Graph of Economic Data
Tarrodan (1962-2024)**

The REG Procedure
Model: MODEL1
Dependent Variable: TENYRSPOT TENYRSPOT

Number of Observations Read	63
Number of Observations Used	63

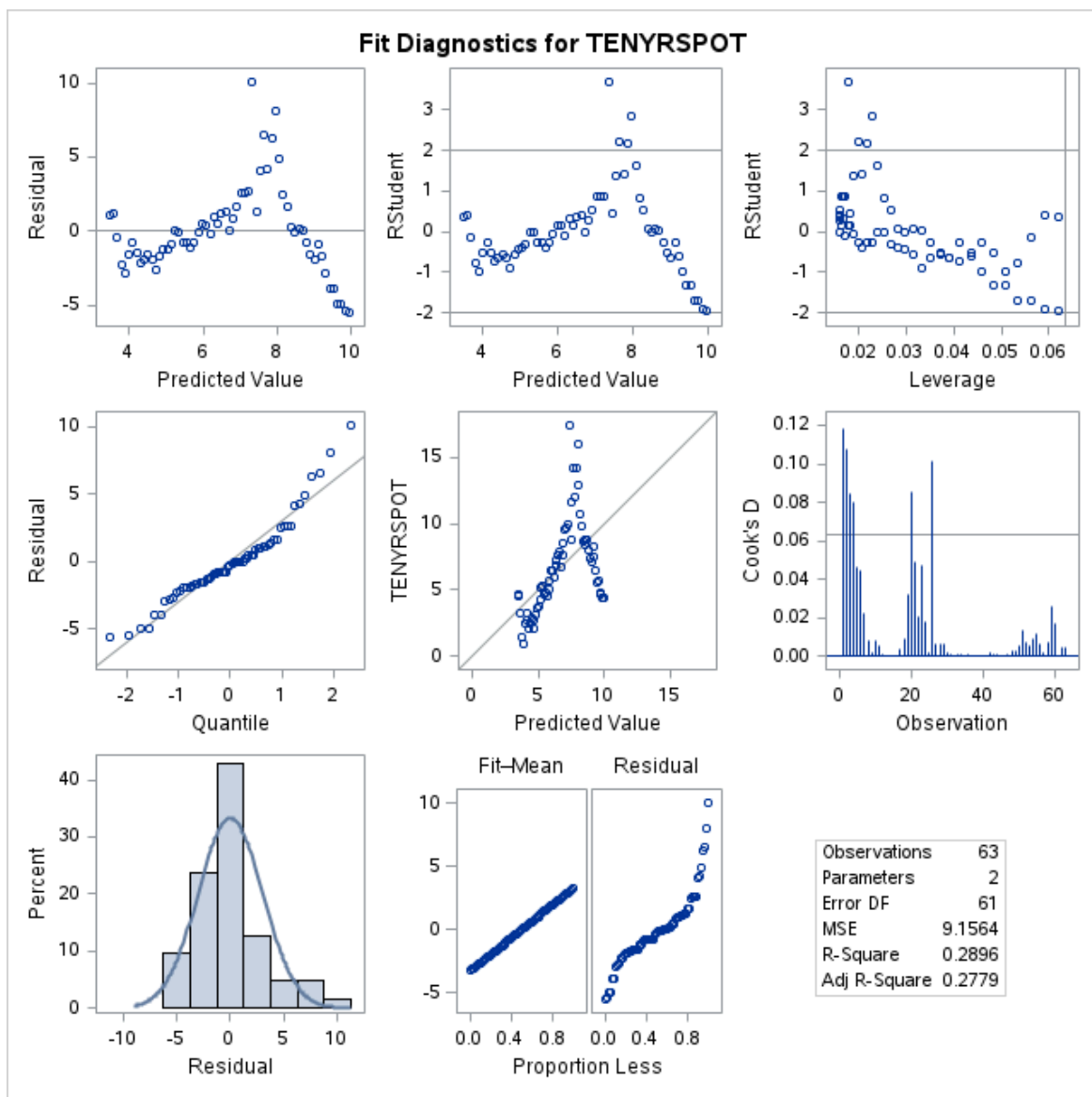
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	227.66934	227.66934	24.86	<.0001
Error	61	558.54304	9.15644		
Corrected Total	62	786.21238			

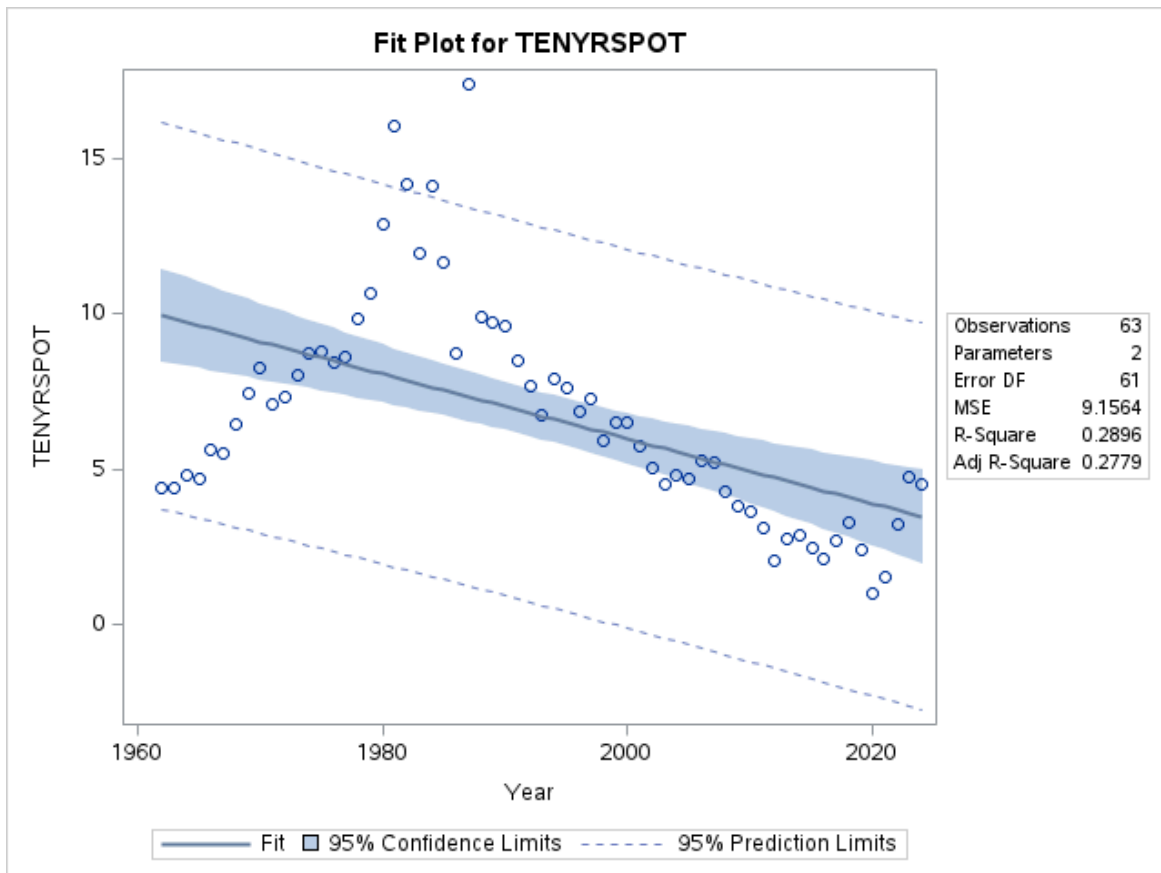
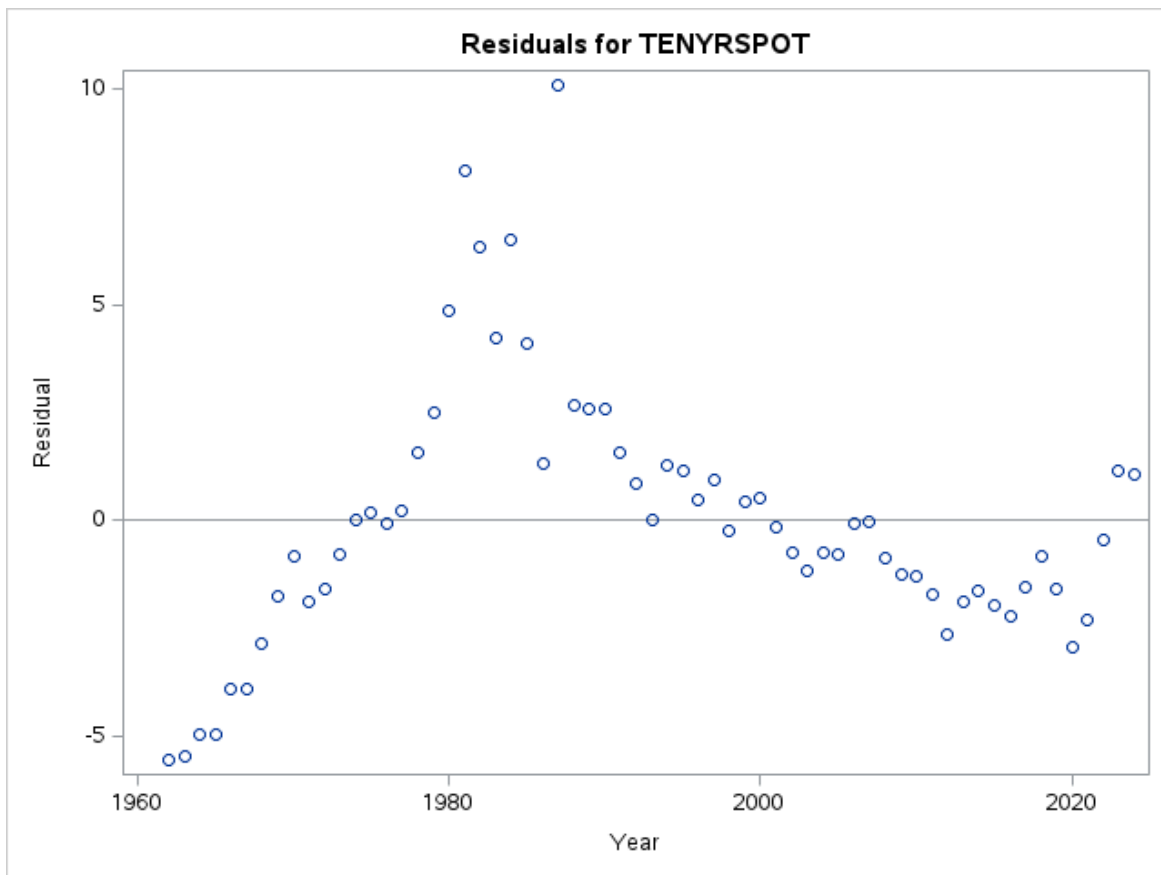
Root MSE	3.02596	R-Square	0.2896
Dependent Mean	6.70652	Adj R-Sq	0.2779
Coeff Var	45.11968		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	215.05680	41.78528	5.15	<.0001
Year	Year	1	-0.10454	0.02097	-4.99	<.0001

Graph of Economic Data
Tarrodan (1962-2024)

The REG Procedure
Model: MODEL1
Dependent Variable: TENYRSPOT TENYRSPOT





Graph of Economic Data
Tarrodan (1962-2024)

The CORR Procedure

2 Variables:	Inflation ONRTE
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Inflation	63	4.29696	2.82521	270.70875	0.21805	13.09633	Inflation
ONRTE	63	5.49734	4.07195	346.33237	0.12381	18.88824	ONRTE

Pearson Correlation Coefficients, N = 63 Prob > r under H0: Rho=0		
	Inflation	ONRTE
Inflation Inflation	1.00000	0.77205 <.0001
ONRTE ONRTE	0.77205 <.0001	1.00000

Graph of Economic Data
Tarrodan (1962-2024)

The CORR Procedure

2 Variables:	ONEYRSPOT TENYRSPOT
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
ONEYRSPOT	63	5.64522	3.96473	355.64874	0.14381	17.02499	ONEYRSPOT
TENYRSPOT	63	6.70652	3.56102	422.51088	0.96738	17.41316	TENYRSPOT

Pearson Correlation Coefficients, N = 63 Prob > r under H0: Rho=0		
	ONEYRSPOT	TENYRSPOT
ONEYRSPOT ONEYRSPOT	1.00000	0.95418 <.0001
TENYRSPOT TENYRSPOT	0.95418 <.0001	1.00000

Graph of Economic Data
Tarrodan (1962-2024)

The CORR Procedure

2 Variables:	Inflation TENYRSPOT
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Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
Inflation	63	4.29696	2.82521	270.70875	0.21805	13.09633	Inflation
TENYRSPOT	63	6.70652	3.56102	422.51088	0.96738	17.41316	TENYRSPOT

Pearson Correlation Coefficients, N = 63 Prob > r under H0: Rho=0		
	Inflation	TENYRSPOT
Inflation Inflation	1.00000	0.69249 <.0001
TENYRSPOT TENYRSPOT	0.69249 <.0001	1.00000

Graph of Economic Data

Tarrodan (1962-2024)

The REG Procedure

Model: MODEL1

Dependent Variable: Inflation Inflation

Number of Observations Read	63
Number of Observations Used	63

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	103.11024	103.11024	16.05	0.0002
Error	61	391.76382	6.42236		
Corrected Total	62	494.87406			

Root MSE	2.53424	R-Square	0.2084
Dependent Mean	4.29696	Adj R-Sq	0.1954
Coeff Var	58.97738		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	144.51139	34.99509	4.13	0.0001
Year	Year	1	-0.07035	0.01756	-4.01	0.0002

Graph of Economic Data
Tarrodan (1962-2024)

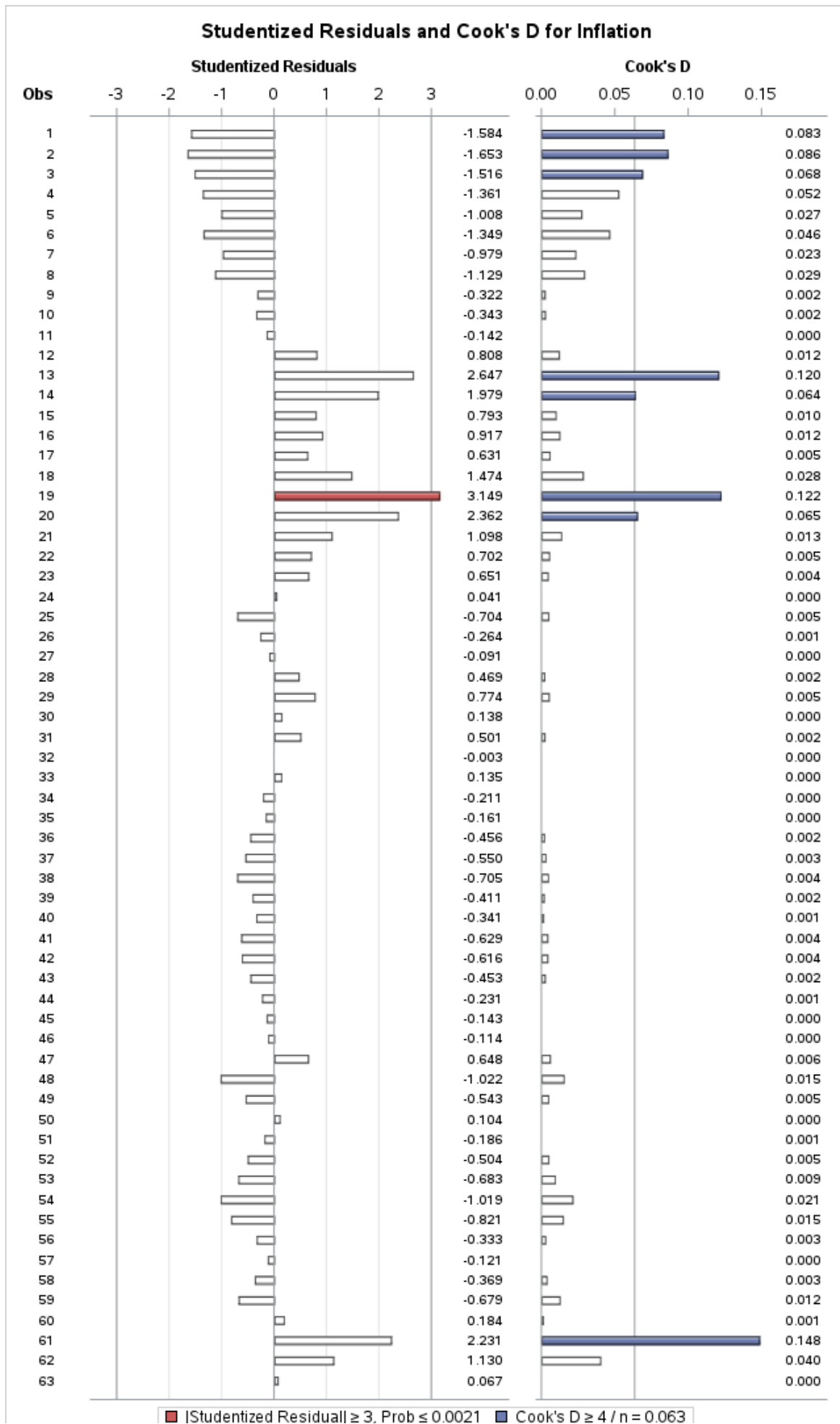
The REG Procedure

Model: MODEL1

Dependent Variable: Inflation Inflation

Output Statistics											
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual	Std Error Residual	Student Residual	Cook's D
1	2.590	6.4779	0.6310	5.2161	7.7398	1.2557	11.7002	-3.8884	2.454	-1.584	0.083
2	2.344	6.4076	0.6160	5.1759	7.6393	1.1925	11.6226	-4.0638	2.458	-1.653	0.086
3	2.605	6.3372	0.6010	5.1354	7.5390	1.1291	11.5453	-3.7327	2.462	-1.516	0.068
4	2.912	6.2669	0.5862	5.0947	7.4391	1.0655	11.4682	-3.3550	2.466	-1.361	0.052
5	3.709	6.1965	0.5716	5.0536	7.3394	1.0017	11.3913	-2.4878	2.469	-1.008	0.027
6	2.791	6.1262	0.5571	5.0122	7.2401	0.9376	11.3147	-3.3351	2.472	-1.349	0.046
7	3.632	6.0558	0.5428	4.9704	7.1412	0.8733	11.2383	-2.4237	2.475	-0.979	0.023
8	3.188	5.9854	0.5287	4.9283	7.0426	0.8088	11.1621	-2.7974	2.478	-1.129	0.029
9	5.117	5.9151	0.5148	4.8857	6.9445	0.7441	11.0861	-0.7978	2.481	-0.322	0.002
10	4.994	5.8447	0.5012	4.8426	6.8469	0.6791	11.0104	-0.8511	2.484	-0.343	0.002
11	5.420	5.7744	0.4877	4.7991	6.7497	0.6139	10.9349	-0.3541	2.487	-0.142	0.000
12	7.715	5.7040	0.4746	4.7550	6.6531	0.5484	10.8597	2.0108	2.489	0.808	0.012
13	12.230	5.6337	0.4618	4.7103	6.5571	0.4827	10.7846	6.5968	2.492	2.647	0.120
14	10.499	5.5633	0.4493	4.6650	6.4617	0.4168	10.7099	4.9353	2.494	1.979	0.064
15	7.473	5.4930	0.4371	4.6190	6.3670	0.3506	10.6353	1.9805	2.496	0.793	0.010
16	7.714	5.4226	0.4253	4.5722	6.2730	0.2842	10.5610	2.2915	2.498	0.917	0.012
17	6.929	5.3523	0.4139	4.5246	6.1799	0.2176	10.4869	1.5772	2.500	0.631	0.005
18	8.970	5.2819	0.4029	4.4762	6.0877	0.1507	10.4131	3.6878	2.502	1.474	0.028
19	13.096	5.2116	0.3925	4.4267	5.9964	0.0836	10.3395	7.8848	2.504	3.149	0.122
20	11.057	5.1412	0.3825	4.3763	5.9061	0.0163	10.2661	5.9162	2.505	2.362	0.065
21	7.823	5.0709	0.3732	4.3247	5.8170	-0.0513	10.1930	2.7525	2.507	1.098	0.013

Output Statistics											
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	95% CL Mean		95% CL Predict		Residual	Std Error Residual	Student Residual	Cook's D
22	6.761	5.0005	0.3644	4.2719	5.7291	-0.1191	10.1201	1.7610	2.508	0.702	0.005
23	6.563	4.9301	0.3562	4.2178	5.6425	-0.1872	10.0475	1.6328	2.509	0.651	0.004
24	4.962	4.8598	0.3488	4.1623	5.5573	-0.2555	9.9751	0.1018	2.510	0.041	0.000
25	3.021	4.7894	0.3421	4.1053	5.4736	-0.3241	9.9029	-1.7681	2.511	-0.704	0.005
26	4.057	4.7191	0.3362	4.0468	5.3914	-0.3928	9.8310	-0.6620	2.512	-0.264	0.001
27	4.420	4.6487	0.3311	3.9866	5.3109	-0.4619	9.7593	-0.2290	2.513	-0.091	0.000
28	5.757	4.5784	0.3269	3.9247	5.2321	-0.5311	9.6879	1.1791	2.513	0.469	0.002
29	6.454	4.5080	0.3236	3.8609	5.1551	-0.6006	9.6167	1.9458	2.513	0.774	0.005
30	4.785	4.4377	0.3212	3.7954	5.0800	-0.6704	9.5457	0.3478	2.514	0.138	0.000
31	5.628	4.3673	0.3198	3.7279	5.0067	-0.7404	9.4750	1.2607	2.514	0.501	0.002
32	4.291	4.2970	0.3193	3.6585	4.9354	-0.8106	9.4045	-0.006405	2.514	-0.003	0.000
33	4.567	4.2266	0.3198	3.5872	4.8660	-0.8811	9.3343	0.3401	2.514	0.135	0.000
34	3.625	4.1563	0.3212	3.5140	4.7986	-0.9518	9.2643	-0.5308	2.514	-0.211	0.000
35	3.680	4.0859	0.3236	3.4388	4.7330	-1.0228	9.1946	-0.4059	2.513	-0.161	0.000
36	2.869	4.0156	0.3269	3.3618	4.6693	-1.0940	9.1251	-1.1465	2.513	-0.456	0.002
37	2.562	3.9452	0.3311	3.2831	4.6073	-1.1654	9.0558	-1.3828	2.513	-0.550	0.003
38	2.103	3.8748	0.3362	3.2025	4.5471	-1.2371	8.9868	-1.7718	2.512	-0.705	0.004
39	2.772	3.8045	0.3421	3.1204	4.4886	-1.3090	8.9180	-1.0328	2.511	-0.411	0.002
40	2.879	3.7341	0.3488	3.0366	4.4316	-1.3812	8.8494	-0.8554	2.510	-0.341	0.001
41	2.085	3.6638	0.3562	2.9514	4.3761	-1.4536	8.7811	-1.5788	2.509	-0.629	0.004
42	2.048	3.5934	0.3644	2.8648	4.3220	-1.5262	8.7131	-1.5452	2.508	-0.616	0.004
43	2.386	3.5231	0.3732	2.7769	4.2692	-1.5991	8.6452	-1.1367	2.507	-0.453	0.002
44	2.874	3.4527	0.3825	2.6878	4.2177	-1.6722	8.5777	-0.5787	2.505	-0.231	0.001
45	3.023	3.3824	0.3925	2.5975	4.1672	-1.7456	8.5103	-0.3592	2.504	-0.143	0.000
46	3.028	3.3120	0.4029	2.5063	4.1178	-1.8192	8.4432	-0.2841	2.502	-0.114	0.000
47	4.861	3.2417	0.4139	2.4140	4.0693	-1.8930	8.3763	1.6197	2.500	0.648	0.006
48	0.619	3.1713	0.4253	2.3209	4.0217	-1.9671	8.3097	-2.5523	2.498	-1.022	0.015
49	1.746	3.1010	0.4371	2.2270	3.9750	-2.0414	8.2433	-1.3553	2.496	-0.543	0.005
50	3.291	3.0306	0.4493	2.1323	3.9289	-2.1159	8.1771	0.2601	2.494	0.104	0.000
51	2.496	2.9602	0.4618	2.0369	3.8836	-2.1907	8.1112	-0.4645	2.492	-0.186	0.001
52	1.635	2.8899	0.4746	1.9408	3.8389	-2.2657	8.0455	-1.2548	2.489	-0.504	0.005
53	1.120	2.8195	0.4877	1.8442	3.7949	-2.3410	7.9801	-1.6993	2.487	-0.683	0.009
54	0.218	2.7492	0.5012	1.7471	3.7513	-2.4165	7.9148	-2.5311	2.484	-1.019	0.021
55	0.642	2.6788	0.5148	1.6494	3.7083	-2.4922	7.8499	-2.0373	2.481	-0.821	0.015
56	1.782	2.6085	0.5287	1.5513	3.6657	-2.5681	7.7851	-0.8262	2.478	-0.333	0.003
57	2.239	2.5381	0.5428	1.4527	3.6235	-2.6443	7.7206	-0.2989	2.475	-0.121	0.000
58	1.556	2.4678	0.5571	1.3538	3.5817	-2.7207	7.6563	-0.9116	2.472	-0.369	0.003
59	0.721	2.3974	0.5716	1.2545	3.5403	-2.7974	7.5922	-1.6765	2.469	-0.679	0.012
60	2.781	2.3271	0.5862	1.1549	3.4993	-2.8743	7.5284	0.4544	2.466	0.184	0.001
61	7.748	2.2567	0.6010	1.0549	3.4585	-2.9514	7.4648	5.4914	2.462	2.231	0.148
62	4.963	2.1864	0.6160	0.9547	3.4180	-3.0287	7.4014	2.7770	2.458	1.130	0.040
63	2.280	2.1160	0.6310	0.8542	3.3779	-3.1063	7.3383	0.1640	2.454	0.067	0.000



Sum of Residuals	0
Sum of Squared Residuals	391.76382
Predicted Residual SS (PRESS)	421.99907

