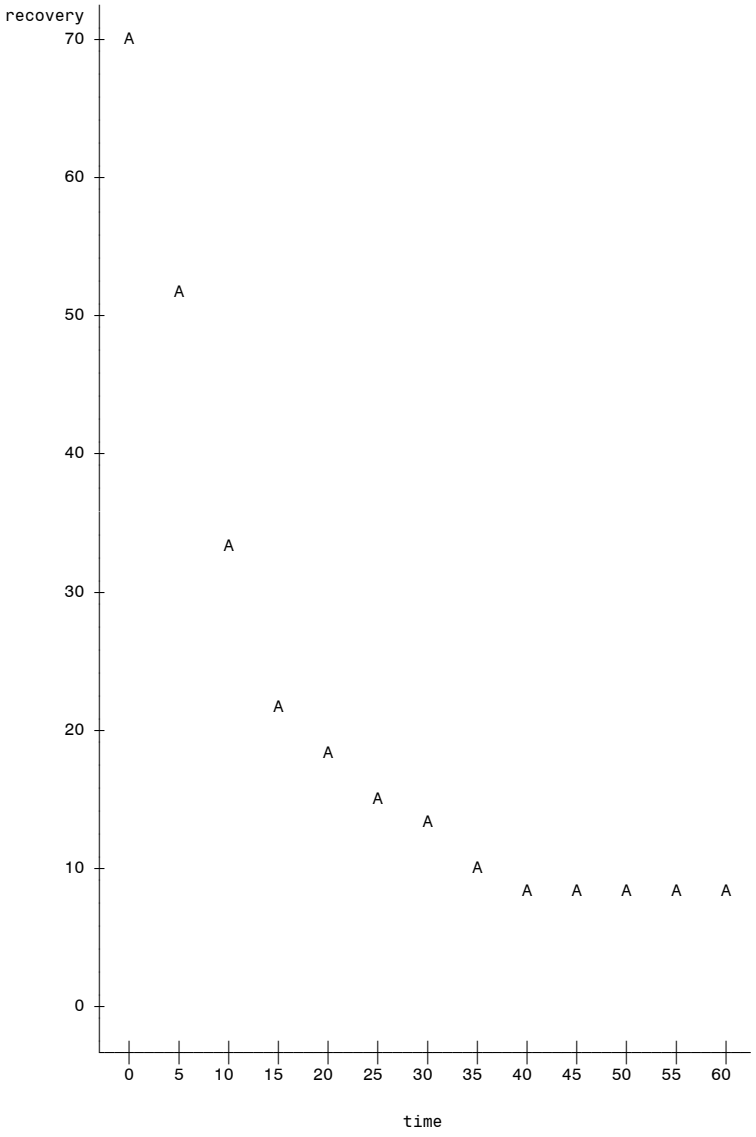
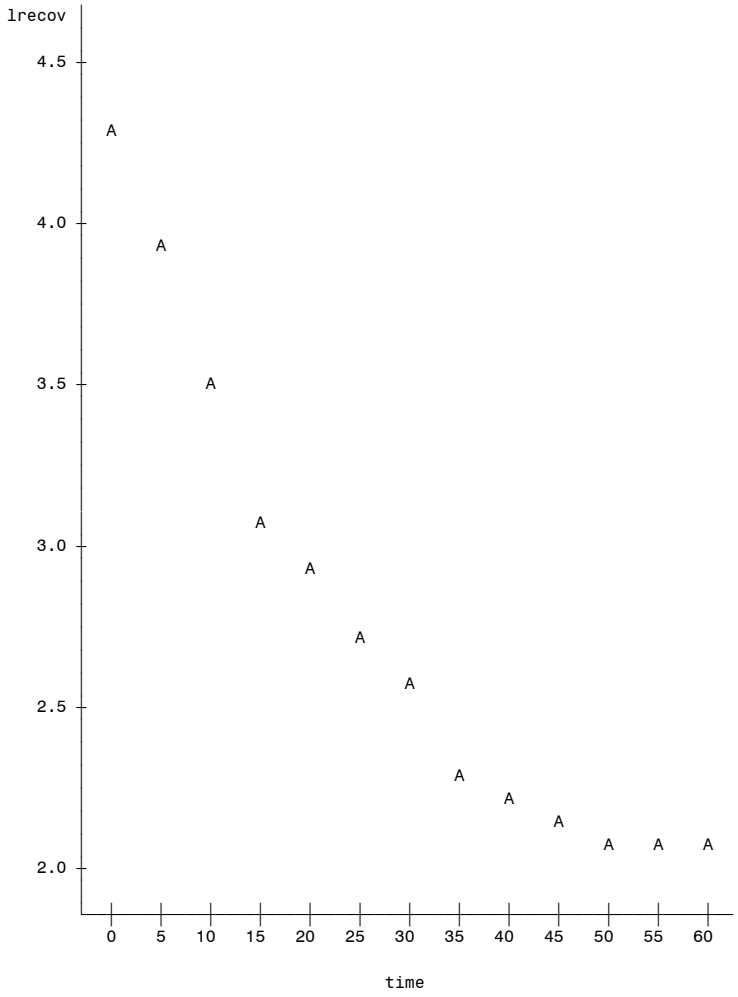
Obs	time	recovery	lrecov	l10recov
1	0	70.6	4.25703	1.84880
2	5	52.0	3.95124	1.71600
3	10	33.4	3.50856	1.52375
4	15	22.0	3.09104	1.34242
5	20	18.3	2.90690	1.26245
6	25	15.1	2.71469	1.17898
7	30	13.0	2.56495	1.11394
8	35	10.0	2.30259	1.00000
9	40	9.1	2.20827	0.95904
10	45	8.3	2.11626	0.91908
11	50	7.9	2.06686	0.89763
12	55	7.7	2.04122	0.88649
13	60	7.7	2.04122	0.88649

Plot of recovery*time. Legend: A = 1 obs, B = 2 obs, etc.



Plot of lrecov*time. Legend: A = 1 obs, B = 2 obs, etc.



The MEANS Procedure

Variable	Corrected SS	Mean	Variance
time	4550.00	30.0000000	379.1666667
recovery	4630.97	21.1615385	385.9142308
lrecov	6.8326106	2.7516028	0.5693842

The REG Procedure
Model: MODEL1
Dependent Variable: lrecov

Number of Observations Read	13
Number of Observations Used	13

Analysis of Variance

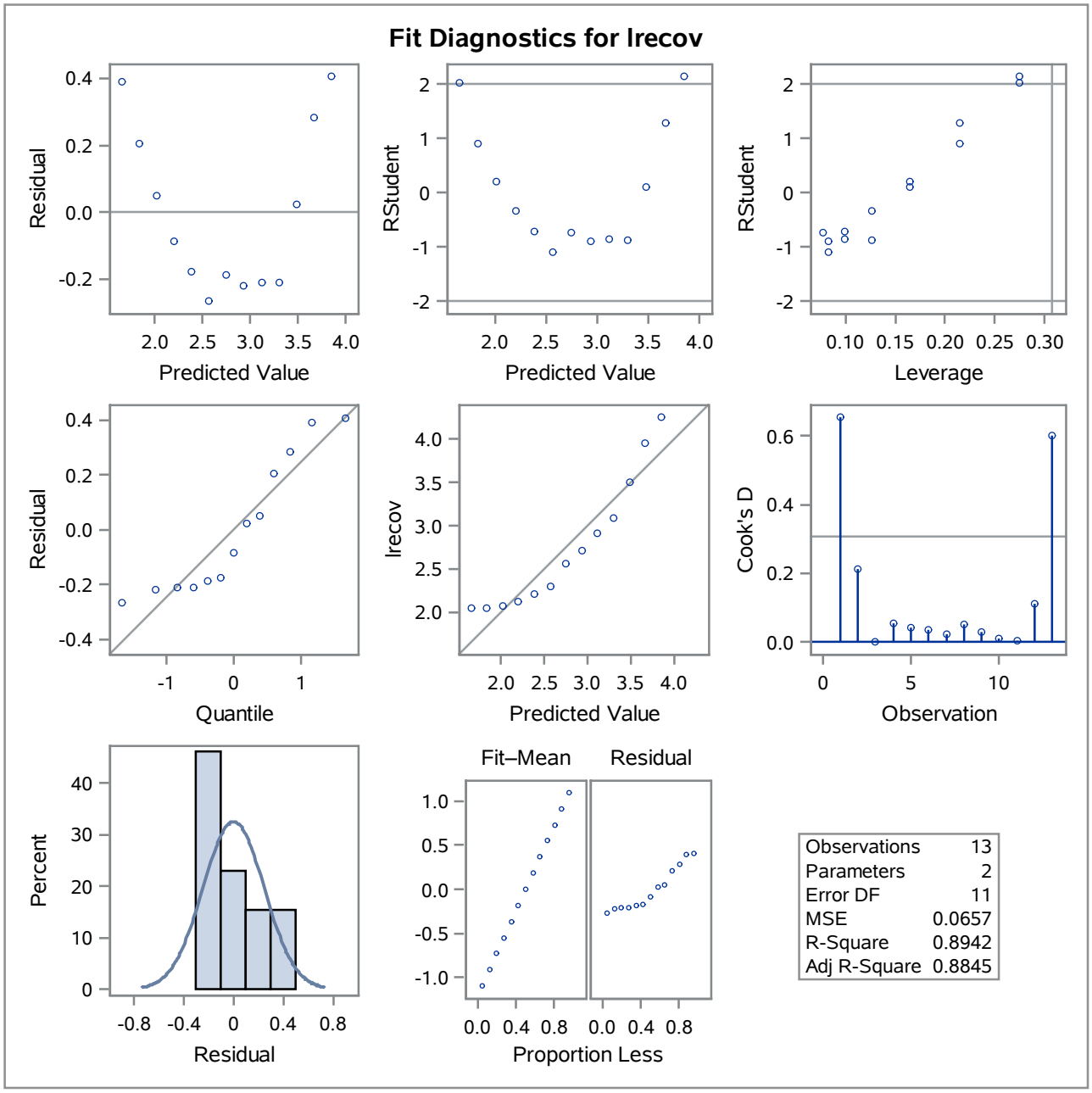
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	6.10945	6.10945	92.93	<.0001
Error	11	0.72316	0.06574		
Corrected Total	12	6.83261			

Root MSE	0.25640	R-Square	0.8942
Dependent Mean	2.75160	Adj R-Sq	0.8845
Coeff Var	9.31825		

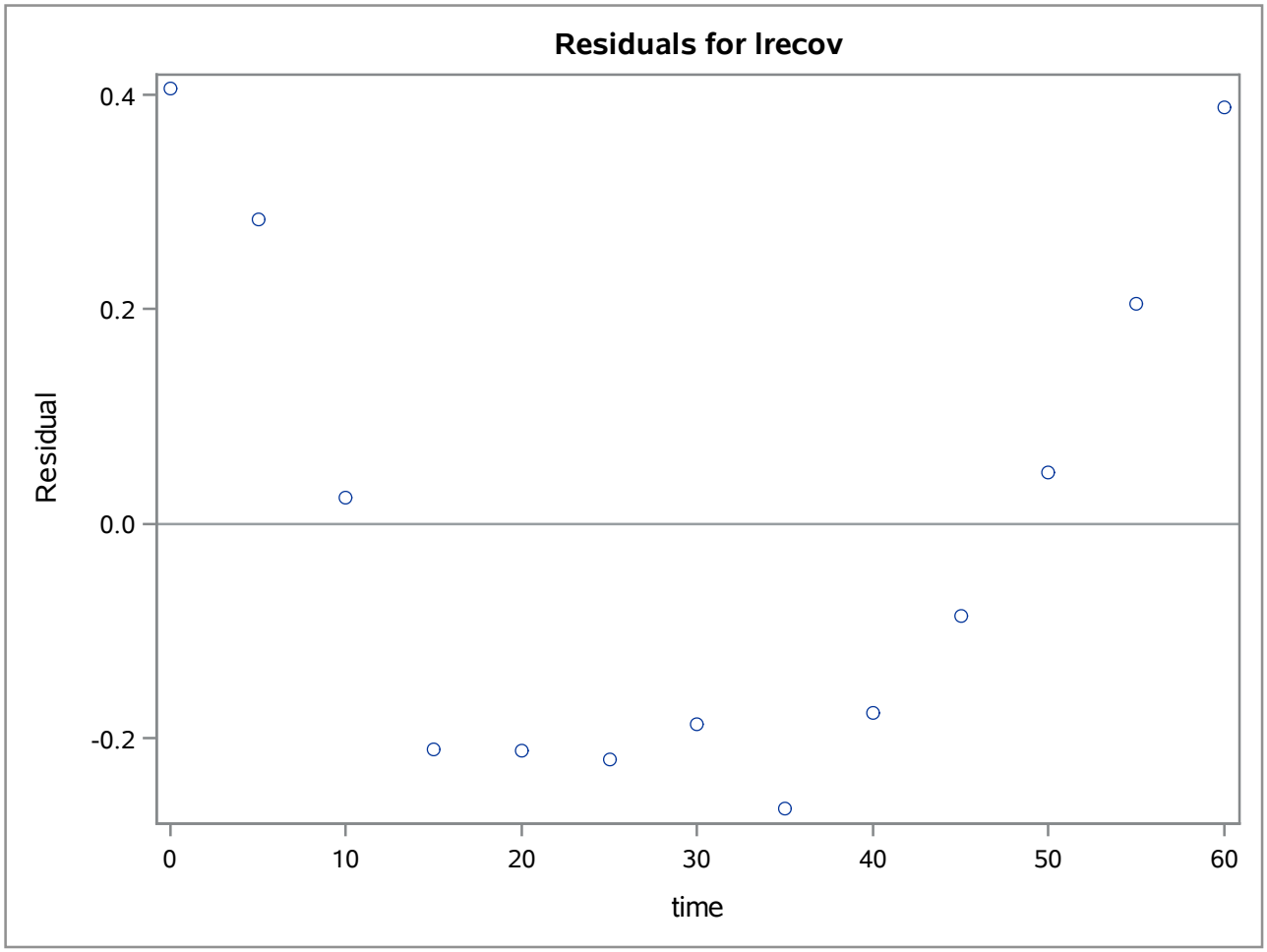
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	3.85090	0.13439	28.65	<.0001
time	1	-0.03664	0.00380	-9.64	<.0001

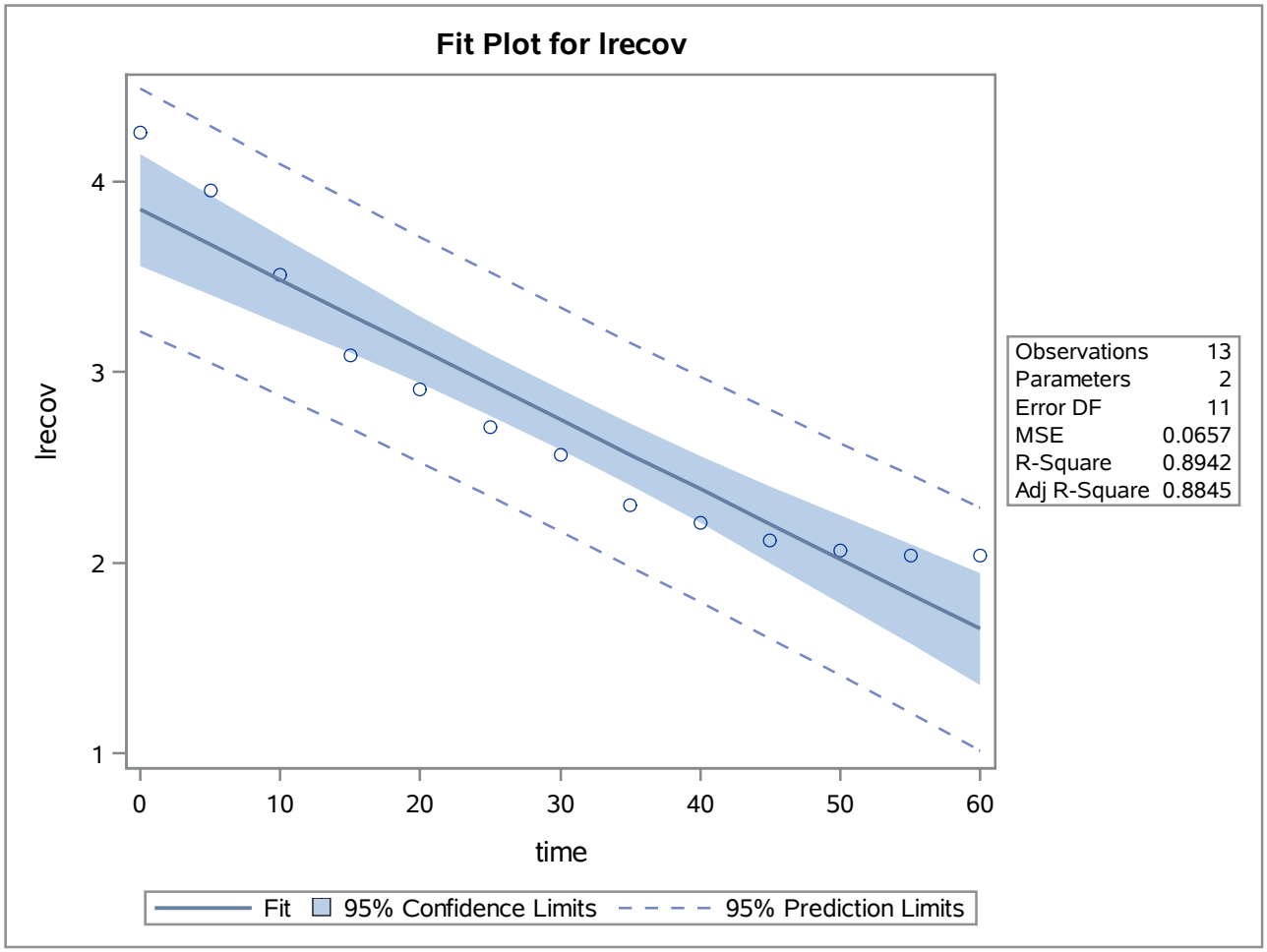
The REG Procedure
Model: MODEL1
Dependent Variable: lrecov



The REG Procedure
Model: MODEL1
Dependent Variable: lrecov



The REG Procedure
Model: MODEL1
Dependent Variable: lrecov



Obs	time	recovery	lrecov	l10recov	pred	lcimu	ucimu	lcipred	ucipred	res
1	0	70.6	4.25703	1.84880	3.85090	3.55511	4.14670	3.21375	4.48806	0.40613
2	5	52.0	3.95124	1.71600	3.66769	3.40645	3.92892	3.04582	4.28955	0.28356
3	10	33.4	3.50856	1.52375	3.48447	3.25535	3.71359	2.87540	4.09354	0.02409
4	15	22.0	3.09104	1.34242	3.30125	3.10064	3.50187	2.70232	3.90019	-0.21021
5	20	18.3	2.90690	1.26245	3.11804	2.94056	3.29551	2.52645	3.70962	-0.21114
6	25	15.1	2.71469	1.17898	2.93482	2.77281	3.09683	2.34769	3.52195	-0.22012
7	30	13.0	2.56495	1.11394	2.75160	2.59508	2.90812	2.16596	3.33724	-0.18665
8	35	10.0	2.30259	1.00000	2.56839	2.40637	2.73040	1.98126	3.15552	-0.26580
9	40	9.1	2.20827	0.95904	2.38517	2.20769	2.56264	1.79358	2.97675	-0.17689
10	45	8.3	2.11626	0.91908	2.20195	2.00134	2.40257	1.60302	2.80089	-0.08570
11	50	7.9	2.06686	0.89763	2.01874	1.78962	2.24785	1.40966	2.62781	0.04813
12	55	7.7	2.04122	0.88649	1.83552	1.57428	2.09675	1.21365	2.45739	0.20570
13	60	7.7	2.04122	0.88649	1.65230	1.35651	1.94809	1.01515	2.28946	0.38892

The REG Procedure
Model: MODEL1
Dependent Variable: l10recov

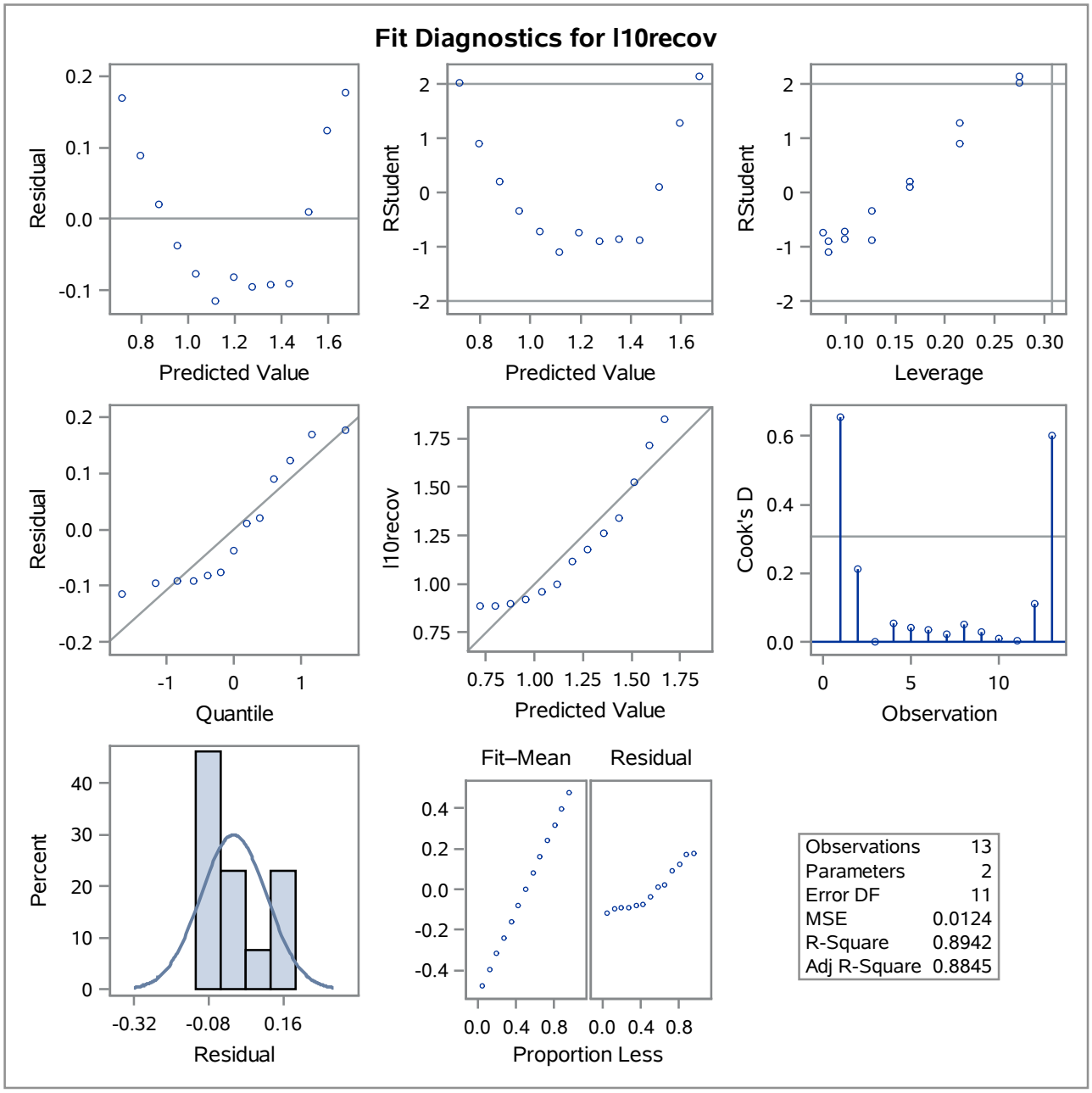
Number of Observations Read	13
Number of Observations Used	13

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1.15231	1.15231	92.93	<.0001
Error	11	0.13640	0.01240		
Corrected Total	12	1.28871			

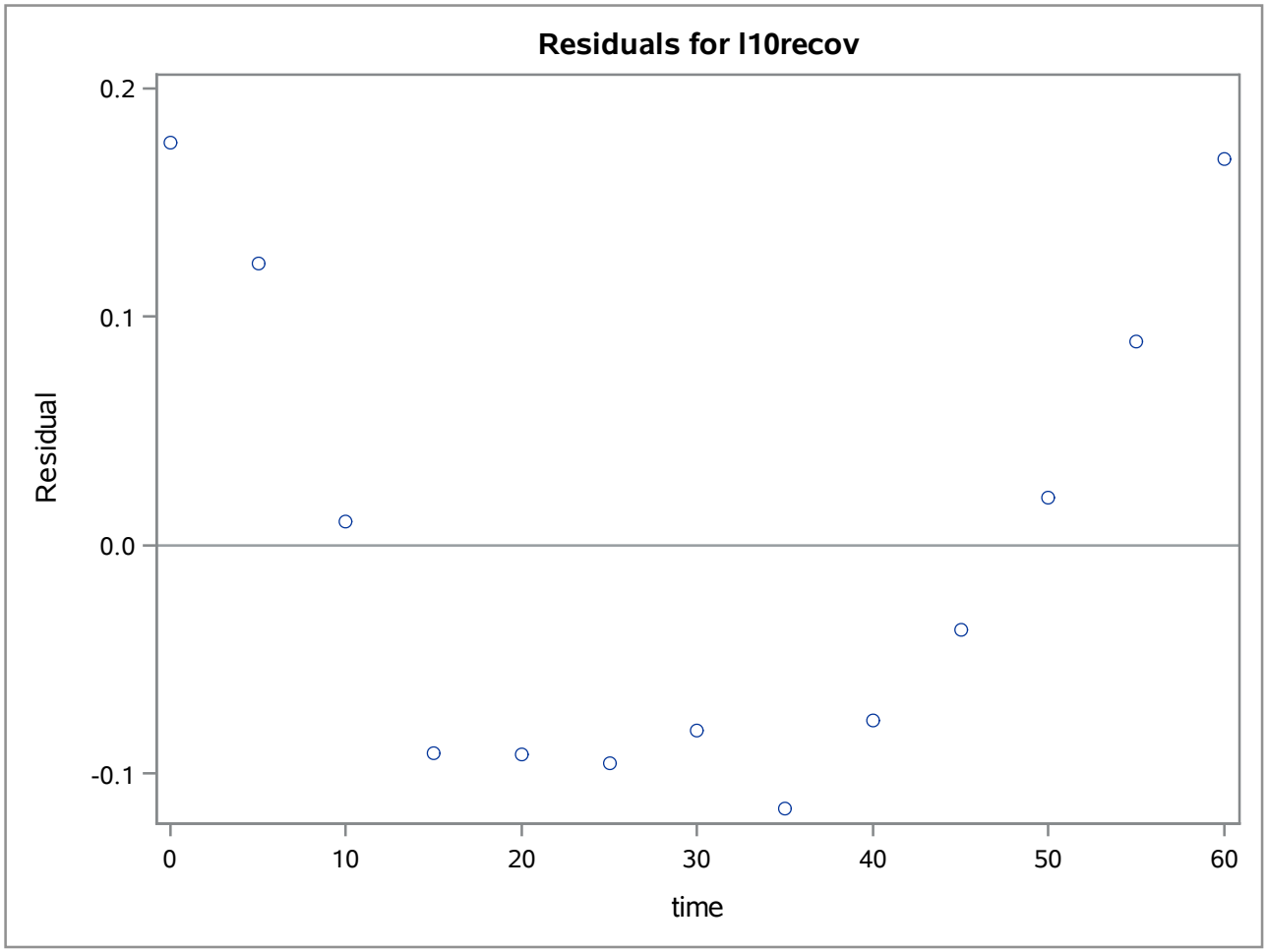
Root MSE	0.11135	R-Square	0.8942
Dependent Mean	1.19501	Adj R-Sq	0.8845
Coeff Var	9.31825		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	1.67243	0.05837	28.65	<.0001
time	1	-0.01591	0.00165	-9.64	<.0001

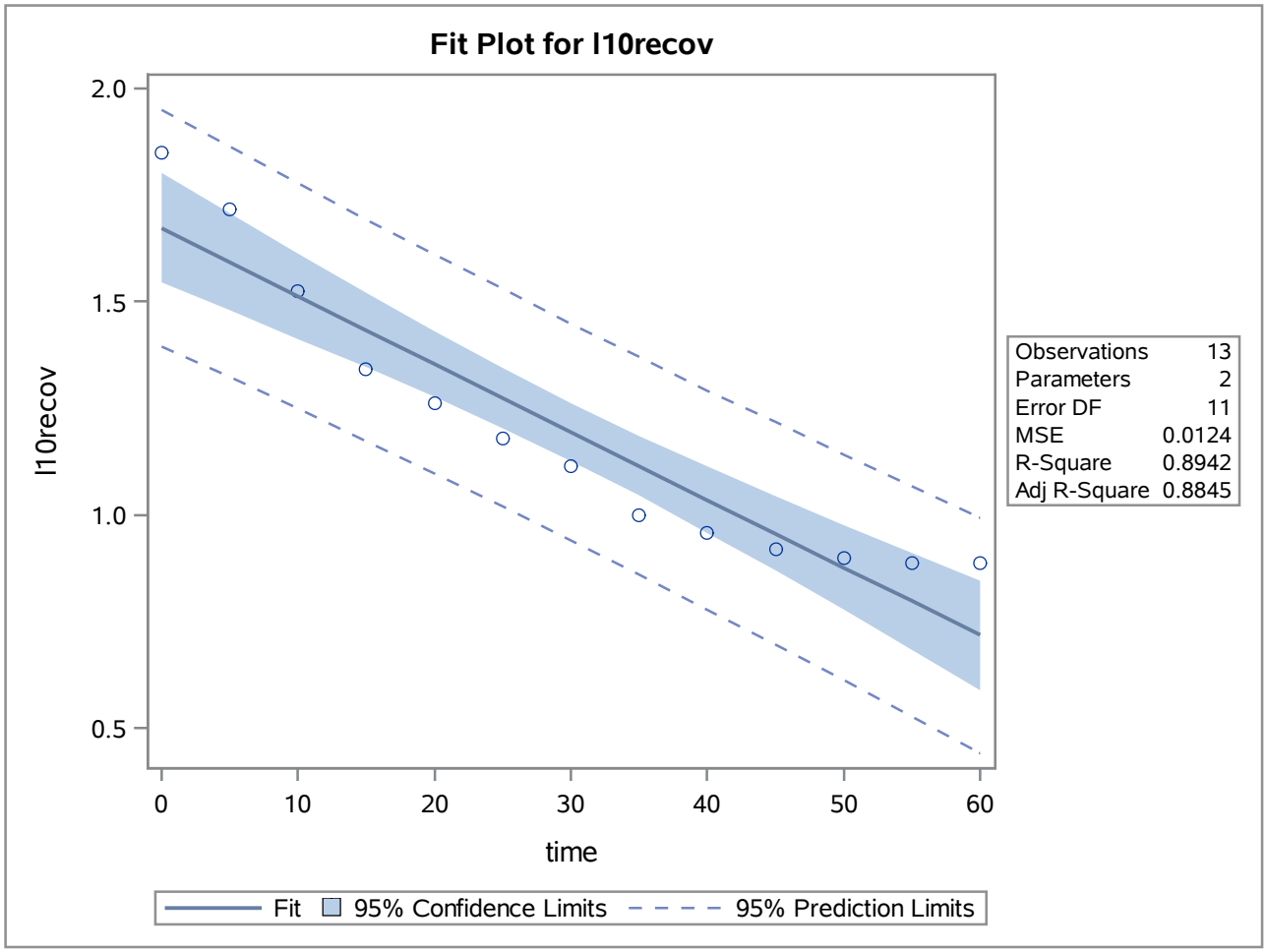
The REG Procedure
Model: MODEL1
Dependent Variable: l10recov



The REG Procedure
Model: MODEL1
Dependent Variable: l10recov



The REG Procedure
Model: MODEL1
Dependent Variable: l10recov



Obs	time	recovery	lrecov	l10recov	pred	lcimu	ucimu	lcipred	ucipred	res
1	0	70.6	4.25703	1.84880	1.67243	1.54397	1.80089	1.39571	1.94914	0.17638
2	5	52.0	3.95124	1.71600	1.59286	1.47940	1.70631	1.32278	1.86293	0.12315
3	10	33.4	3.50856	1.52375	1.51329	1.41378	1.61279	1.24877	1.77780	0.01046
4	15	22.0	3.09104	1.34242	1.43372	1.34659	1.52084	1.17360	1.69383	-0.09129
5	20	18.3	2.90690	1.26245	1.35415	1.27707	1.43122	1.09722	1.61107	-0.09169
6	25	15.1	2.71469	1.17898	1.27458	1.20422	1.34494	1.01959	1.52956	-0.09560
7	30	13.0	2.56495	1.11394	1.19501	1.12703	1.26298	0.94067	1.44935	-0.08106
8	35	10.0	2.30259	1.00000	1.11544	1.04507	1.18580	0.86045	1.37042	-0.11544
9	40	9.1	2.20827	0.95904	1.03587	0.95879	1.11294	0.77894	1.29279	-0.07682
10	45	8.3	2.11626	0.91908	0.95630	0.86917	1.04342	0.69618	1.21641	-0.03722
11	50	7.9	2.06686	0.89763	0.87673	0.77722	0.97623	0.61221	1.14124	0.02090
12	55	7.7	2.04122	0.88649	0.79716	0.68370	0.91061	0.52708	1.06723	0.08934
13	60	7.7	2.04122	0.88649	0.71759	0.58912	0.84605	0.44087	0.99430	0.16891

Obs	x	y
1	6	28.1
2	6	27.6
3	7	32.3
4	7	33.2
5	8	34.8
6	8	35.0
7	9	38.2
8	9	39.4
9	10	43.5
10	10	46.8

The REG Procedure
Model: MODEL1
Dependent Variable: y

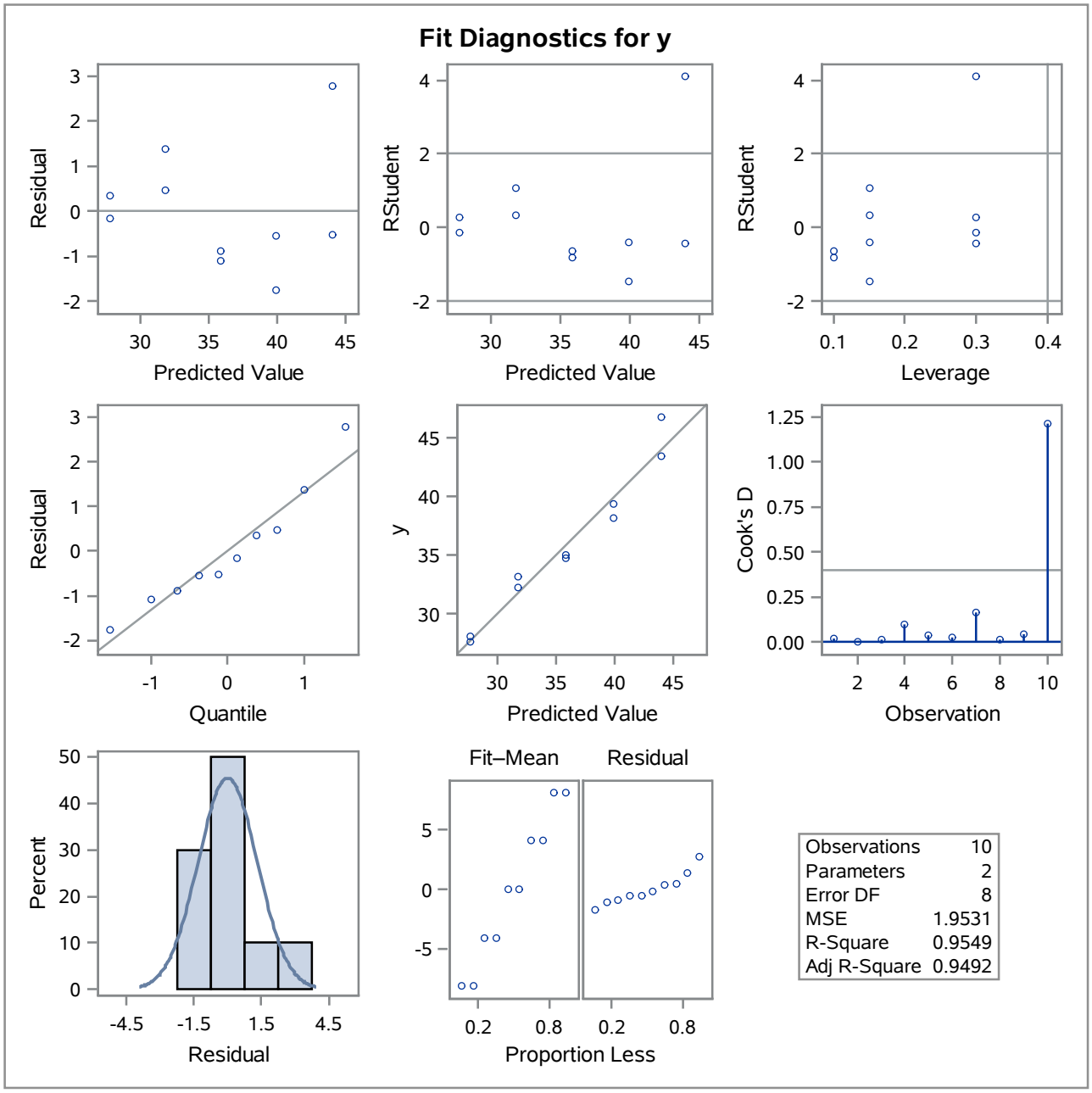
Number of Observations Read	10
Number of Observations Used	10

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	330.48450	330.48450	169.21	<.0001
Error	8	15.62450	1.95306		
Corrected Total	9	346.10900			

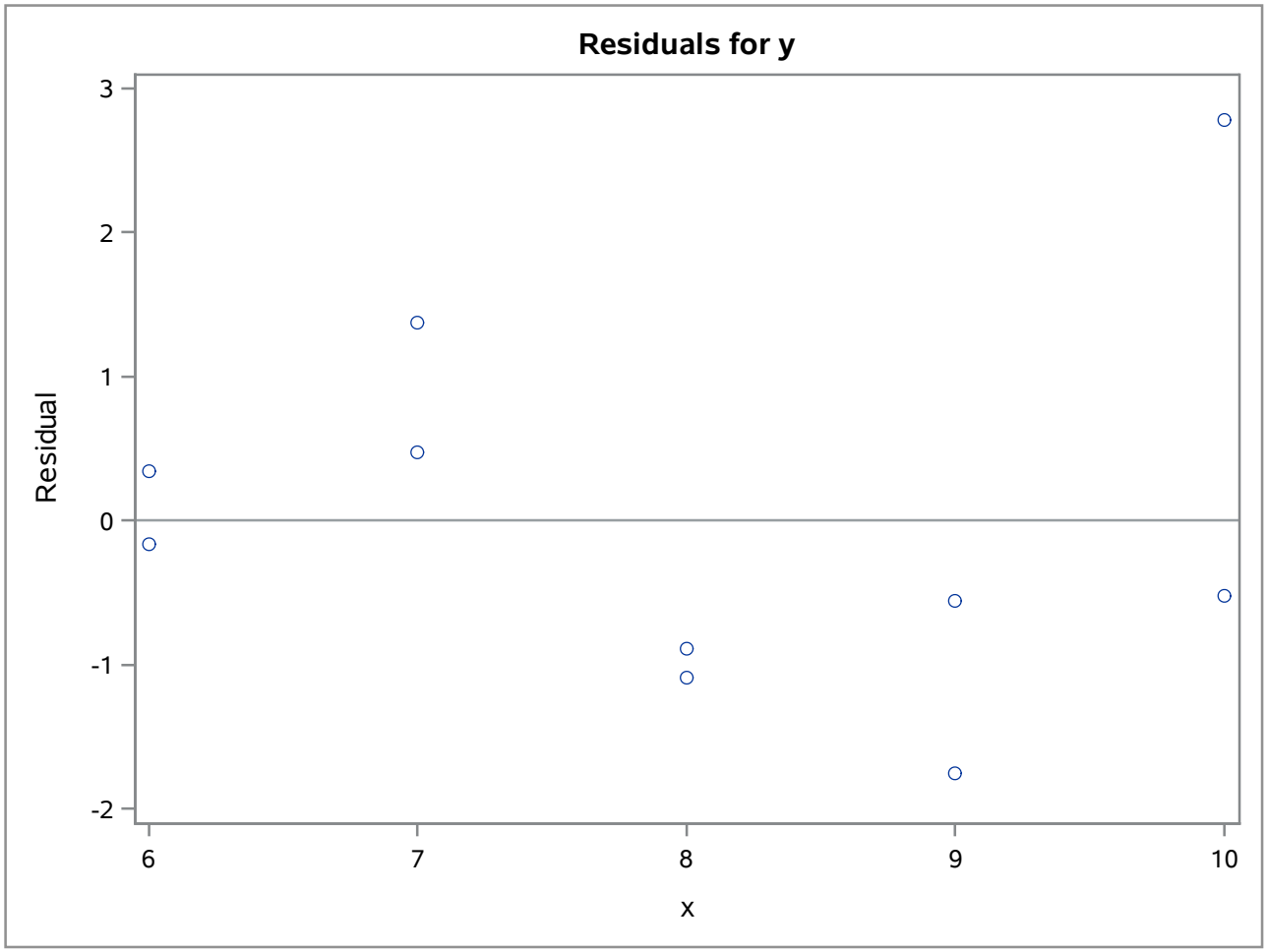
Root MSE	1.39752	R-Square	0.9549
Dependent Mean	35.89000	Adj R-Sq	0.9492
Coeff Var	3.89390		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	3.37000	2.53872	1.33	0.2210
x	1	4.06500	0.31249	13.01	<.0001

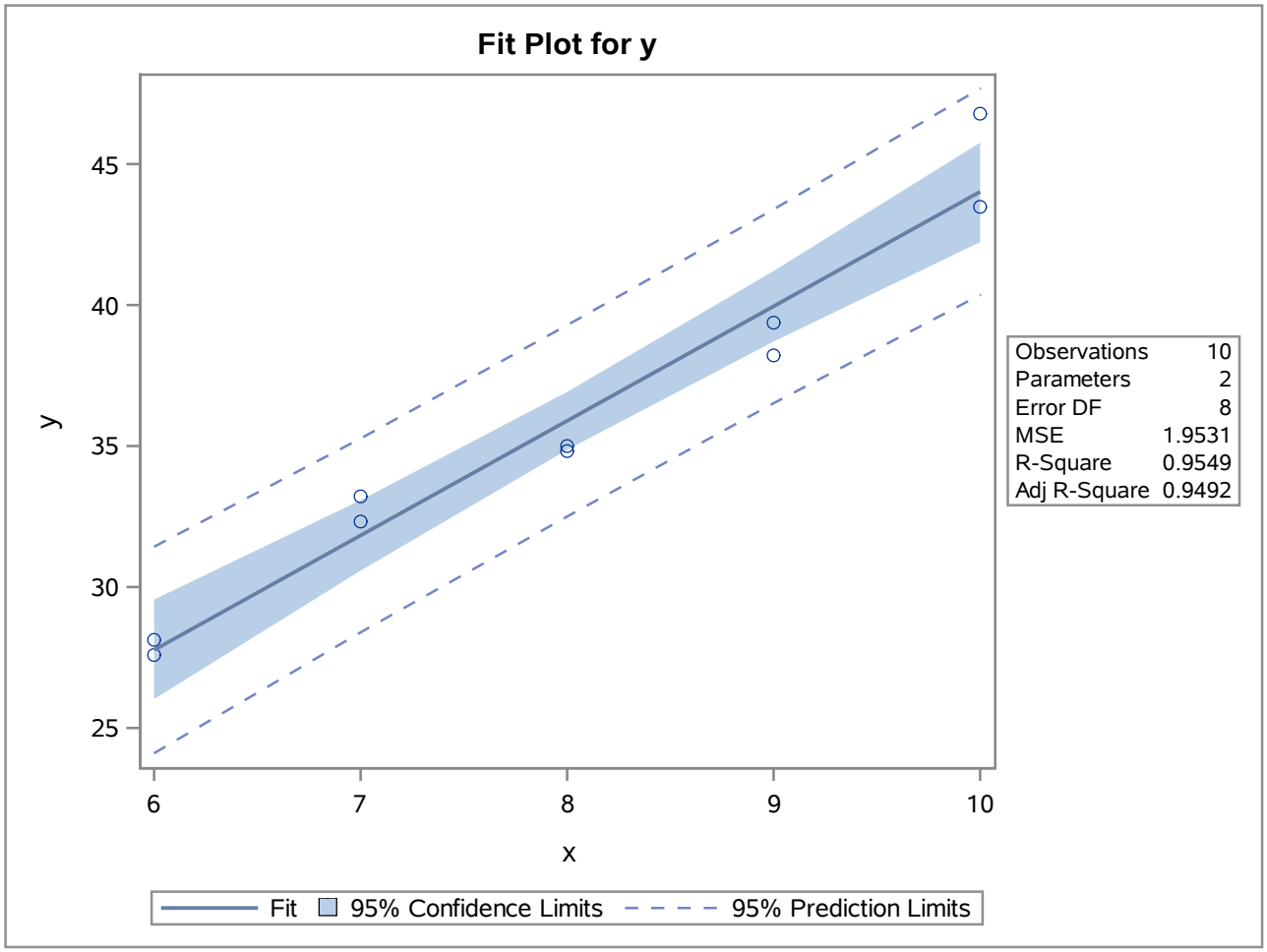
The REG Procedure
Model: MODEL1
Dependent Variable: y



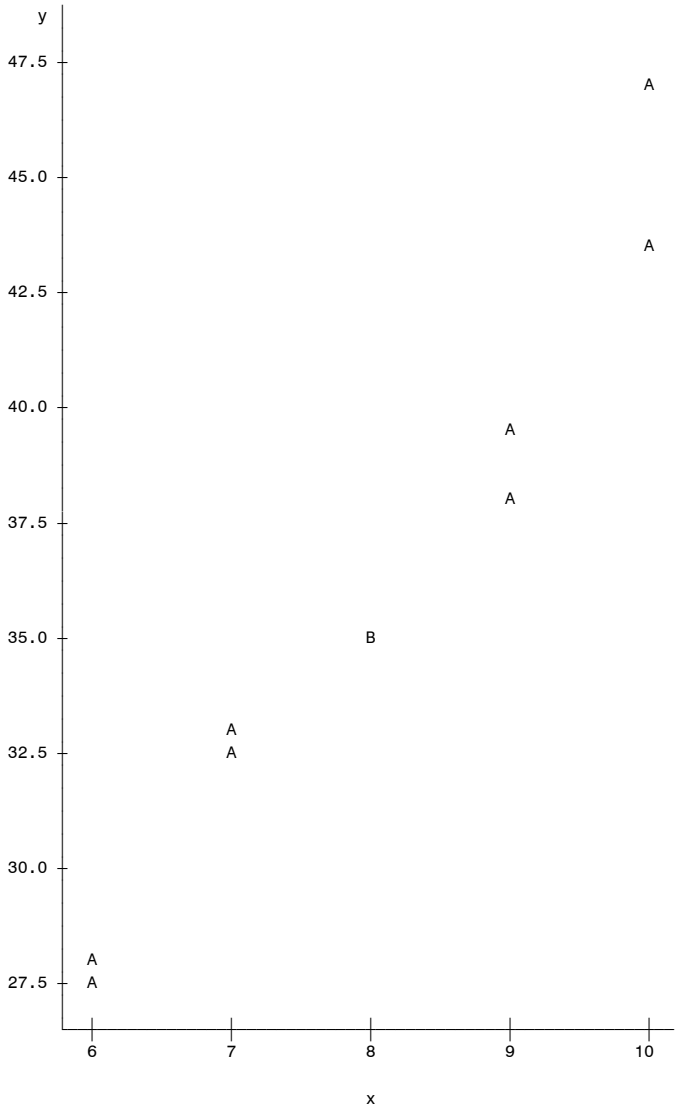
The REG Procedure
Model: MODEL1
Dependent Variable: y



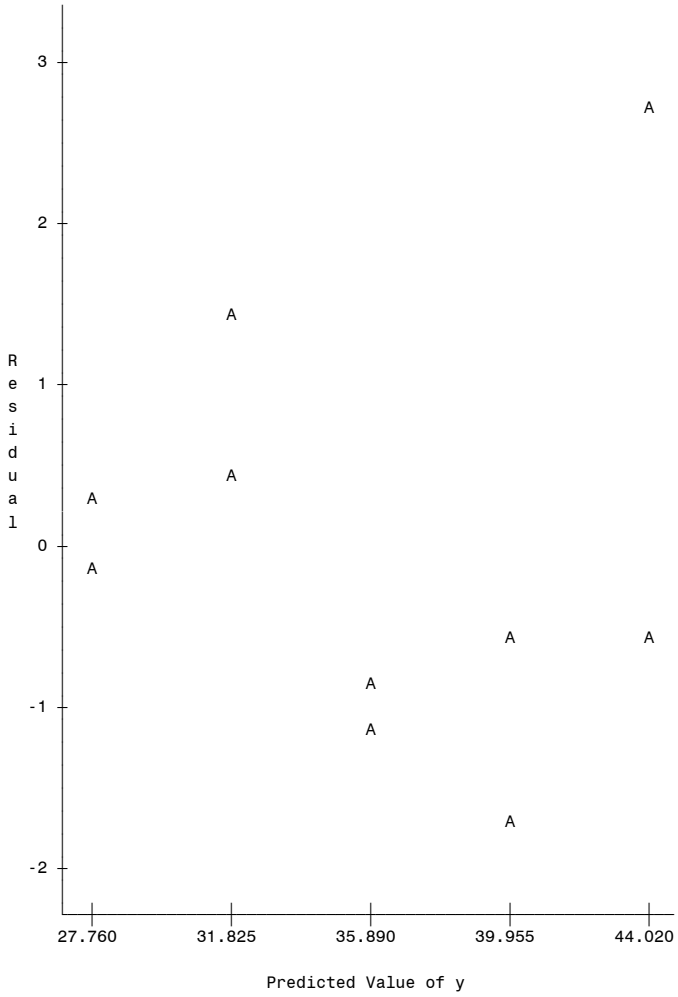
The REG Procedure
Model: MODEL1
Dependent Variable: y



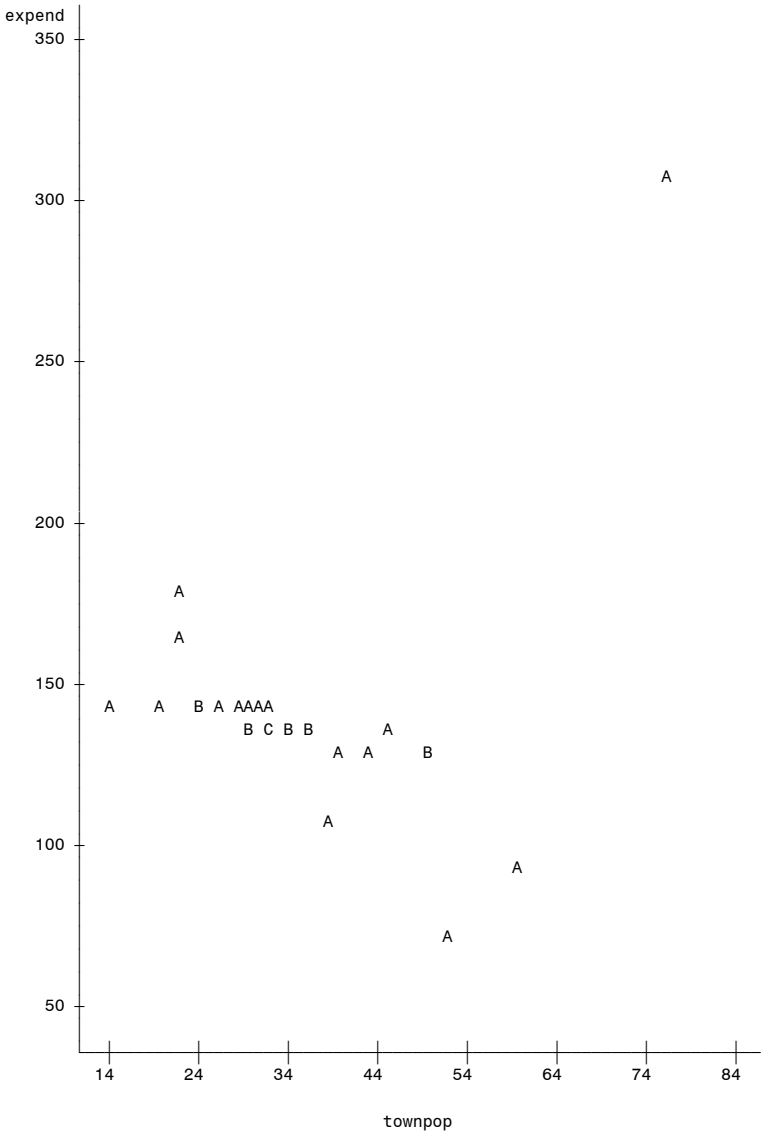
Plot of y*x. Legend: A = 1 obs, B = 2 obs, etc.



Plot of res*pred. Legend: A = 1 obs, B = 2 obs, etc.



Plot of expend*townpop. Legend: A = 1 obs, B = 2 obs, etc.



The REG Procedure
Model: MODEL1
Dependent Variable: expend

Number of Observations Read	29
Number of Observations Used	29

Analysis of Variance

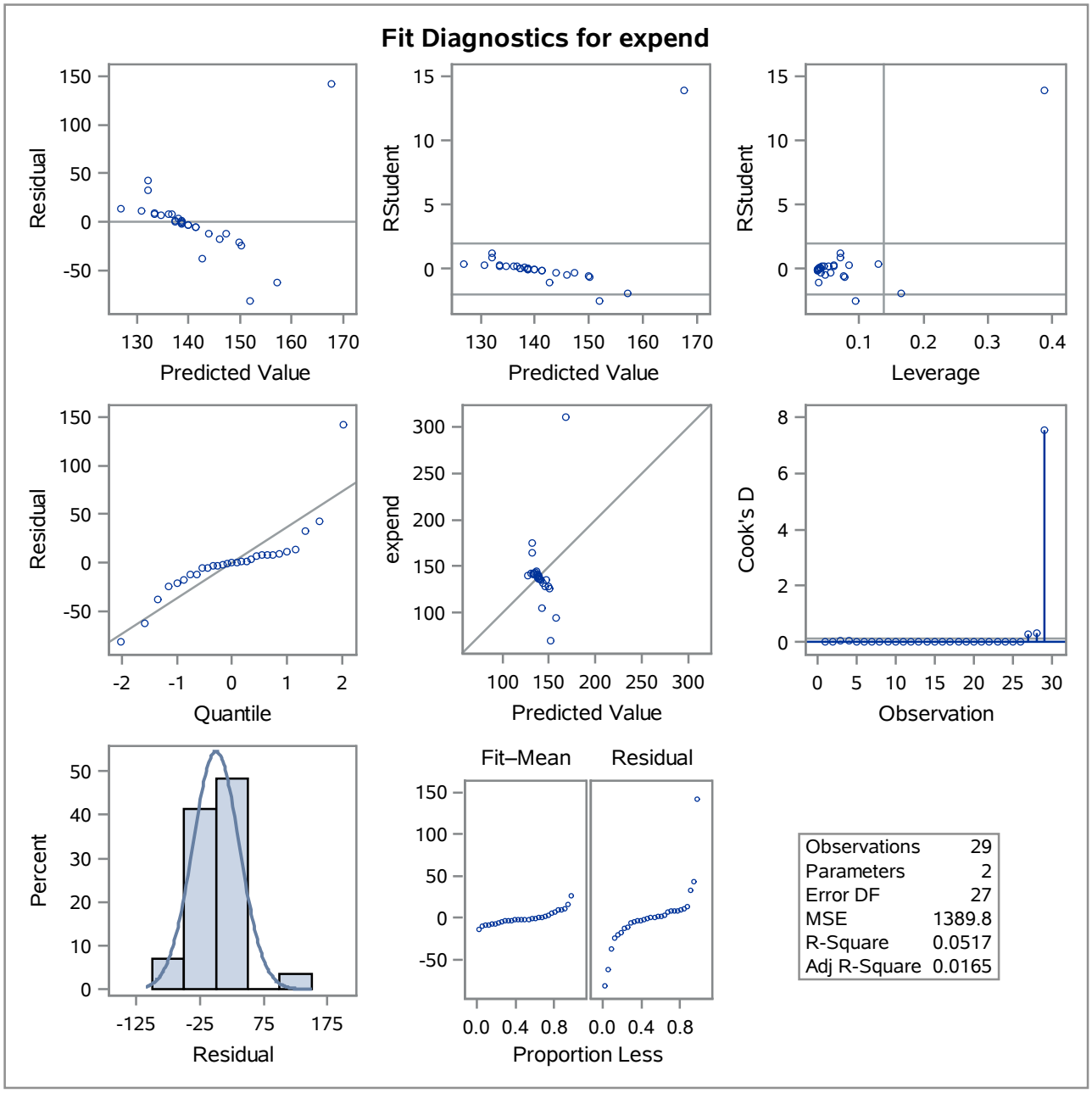
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	2044.35770	2044.35770	1.47	0.2357
Error	27	37523	1389.75791		
Corrected Total	28	39568			

Root MSE	37.27946	R-Square	0.0517
Dependent Mean	140.78276	Adj R-Sq	0.0165
Coeff Var	26.48013		

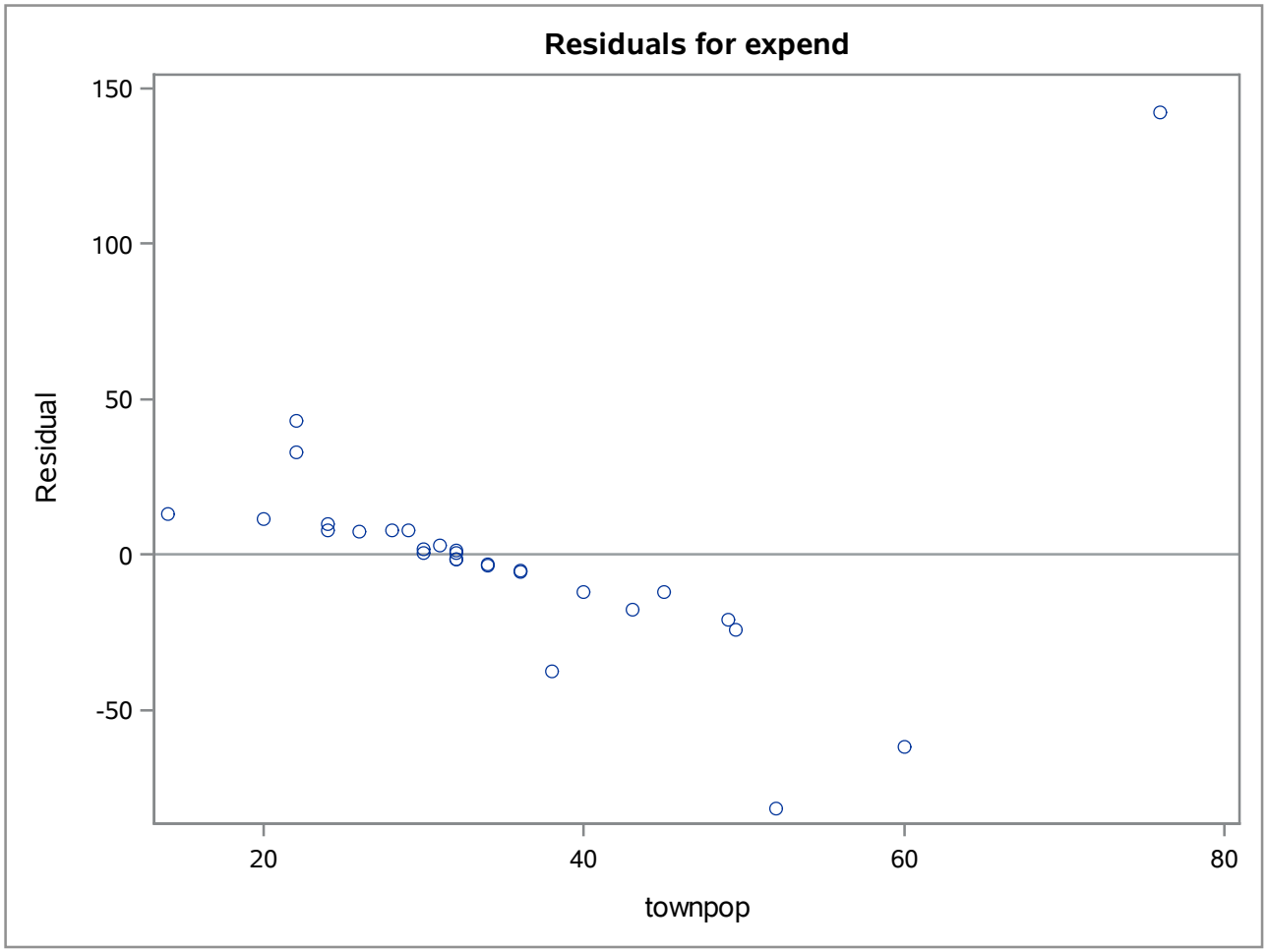
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	117.61431	20.31809	5.79	<.0001
townpop	1	0.65839	0.54284	1.21	0.2357

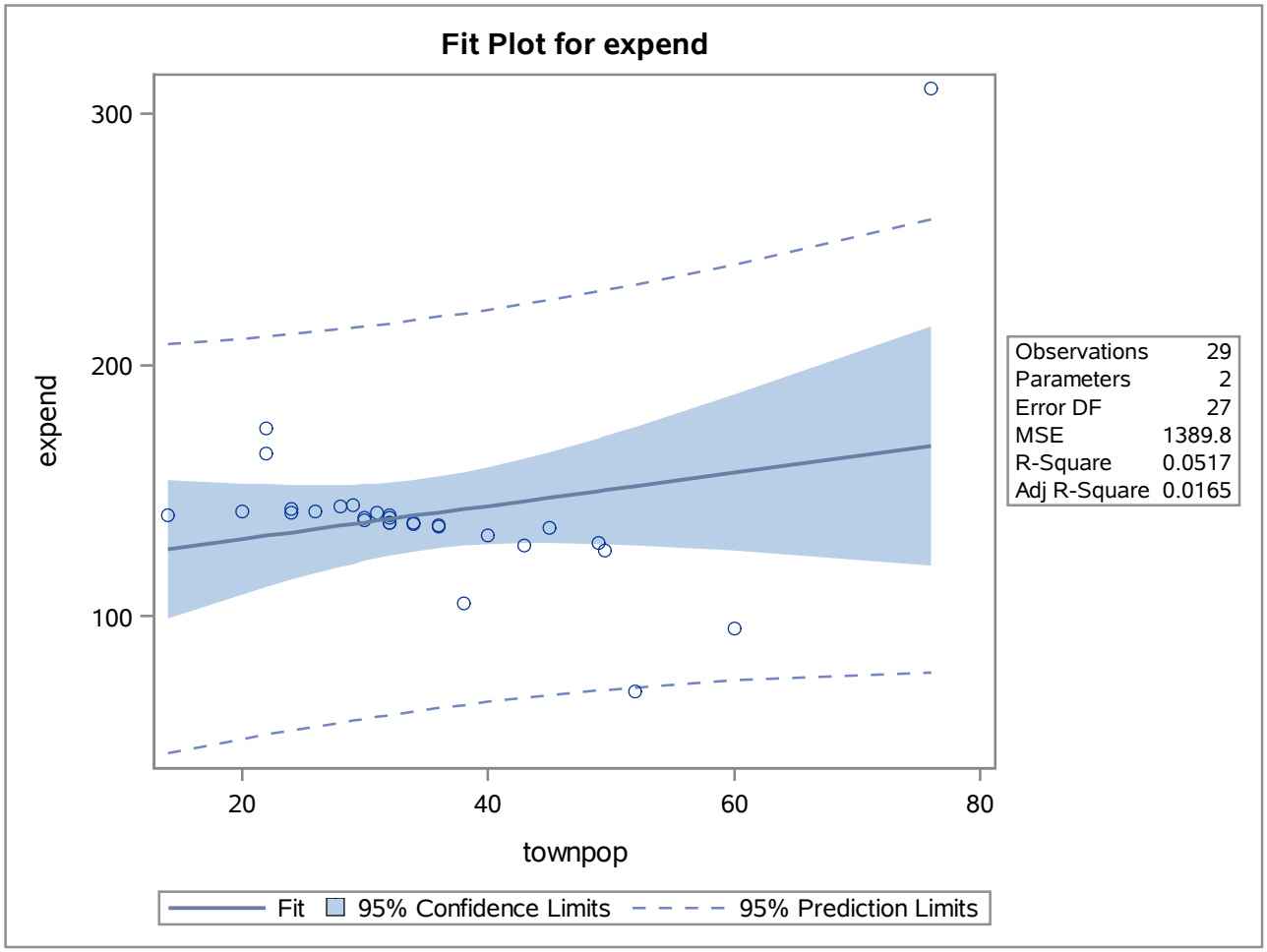
The REG Procedure
Model: MODEL1
Dependent Variable: expend



The REG Procedure
Model: MODEL1
Dependent Variable: expend



The REG Procedure
Model: MODEL1
Dependent Variable: expend



The REG Procedure
Model: MODEL1
Dependent Variable: expend

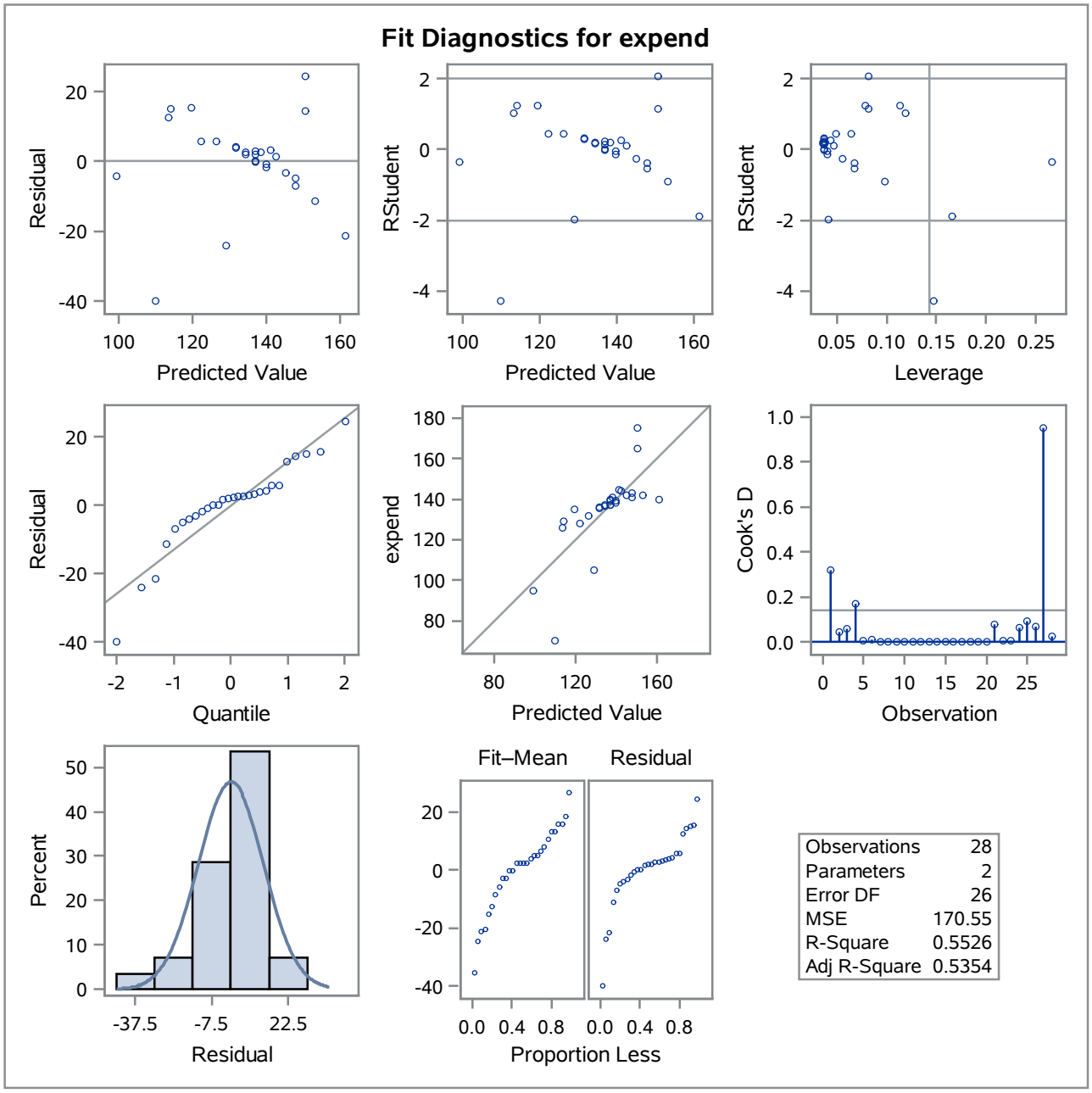
Number of Observations Read	28
Number of Observations Used	28

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	5476.35078	5476.35078	32.11	<.0001
Error	26	4434.33600	170.55138		
Corrected Total	27	9910.68679			

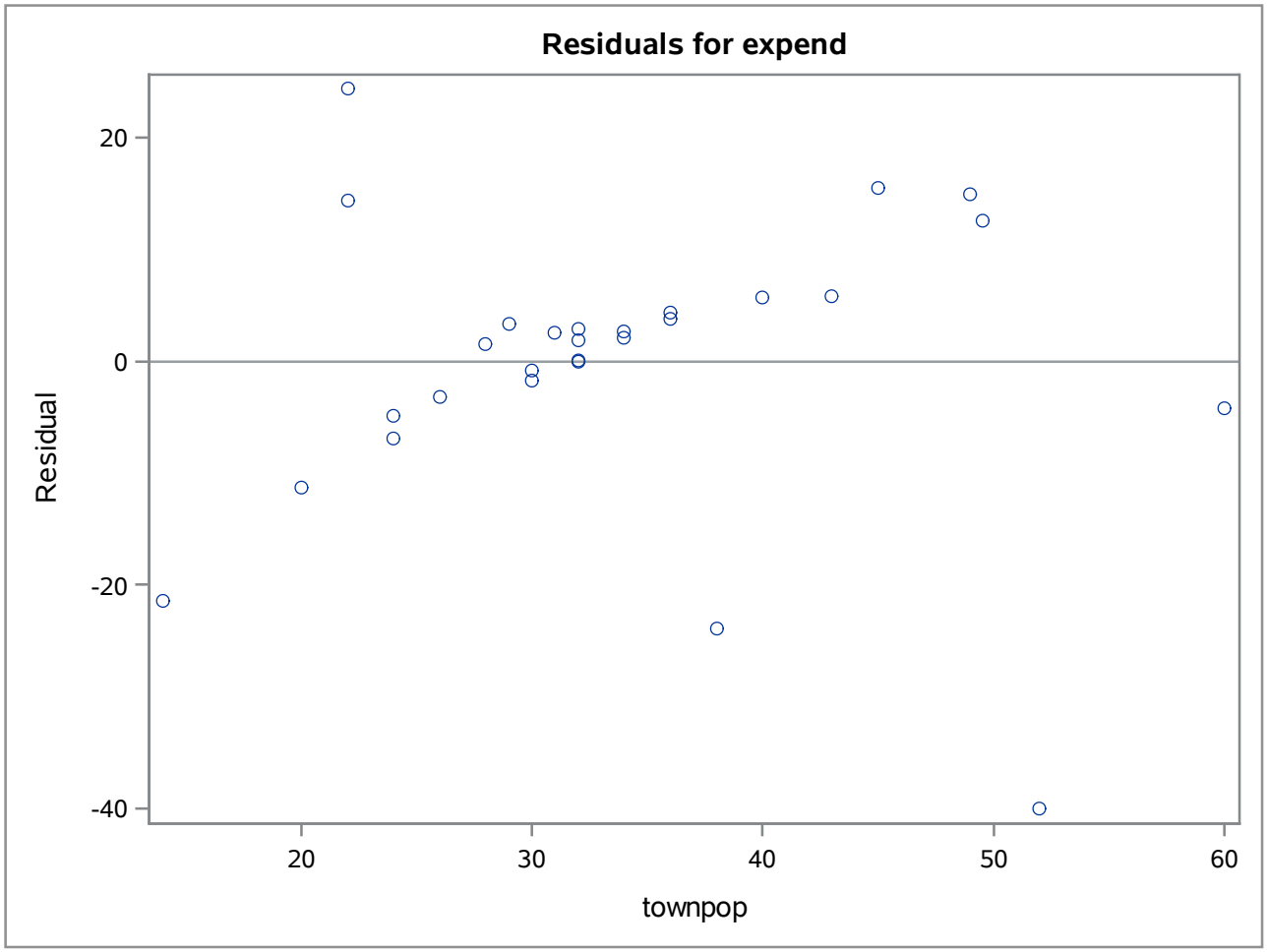
Root MSE	13.05953	R-Square	0.5526
Dependent Mean	134.73929	Adj R-Sq	0.5354
Coeff Var	9.69245		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	180.38120	8.42427	21.41	<.0001
townpop	1	-1.35307	0.23878	-5.67	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: expend



The REG Procedure
Model: MODEL1
Dependent Variable: expend



The REG Procedure
Model: MODEL1
Dependent Variable: expend