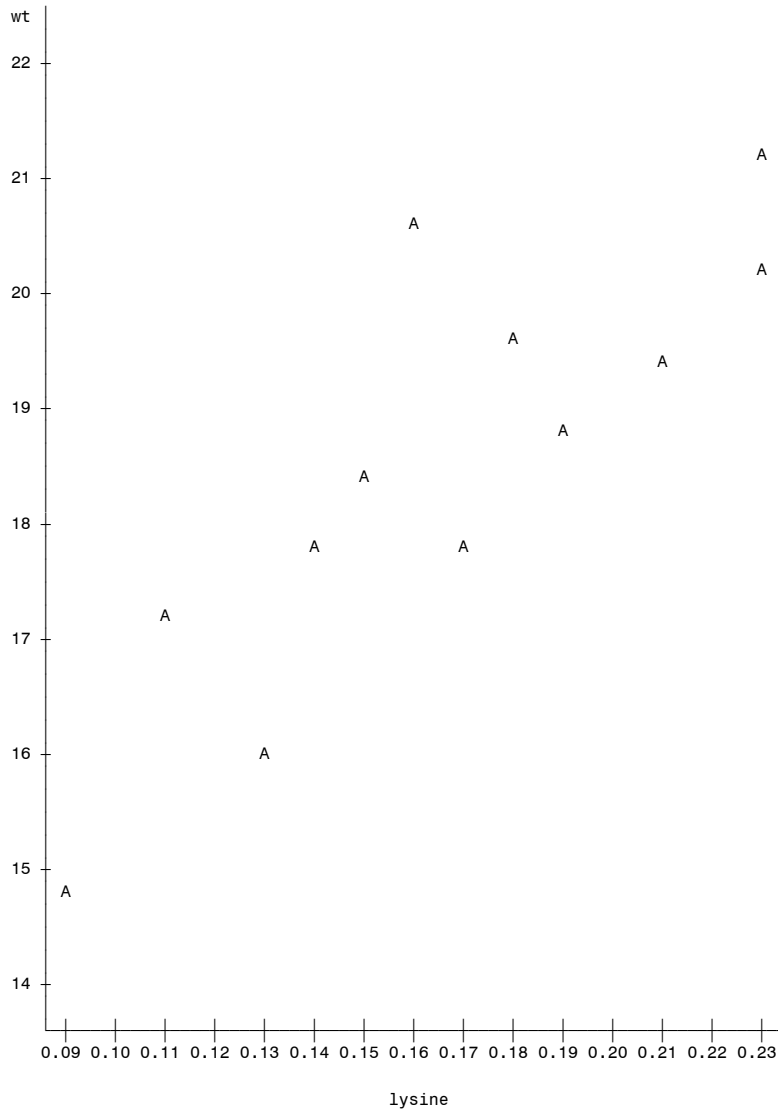


The SAS System

Obs	Chick	wt	lysine
1	1	14.7	0.09
2	2	17.8	0.14
3	3	19.6	0.18
4	4	18.4	0.15
5	5	20.5	0.16
6	6	21.1	0.23
7	7	17.2	0.11
8	8	18.7	0.19
9	9	20.2	0.23
10	10	16.0	0.13
11	11	17.8	0.17
12	12	19.4	0.21

Plot of wt*lysine. Legend: A = 1 obs, B = 2 obs, etc.



The REG Procedure
 Model: MODEL1
 Dependent Variable: wt

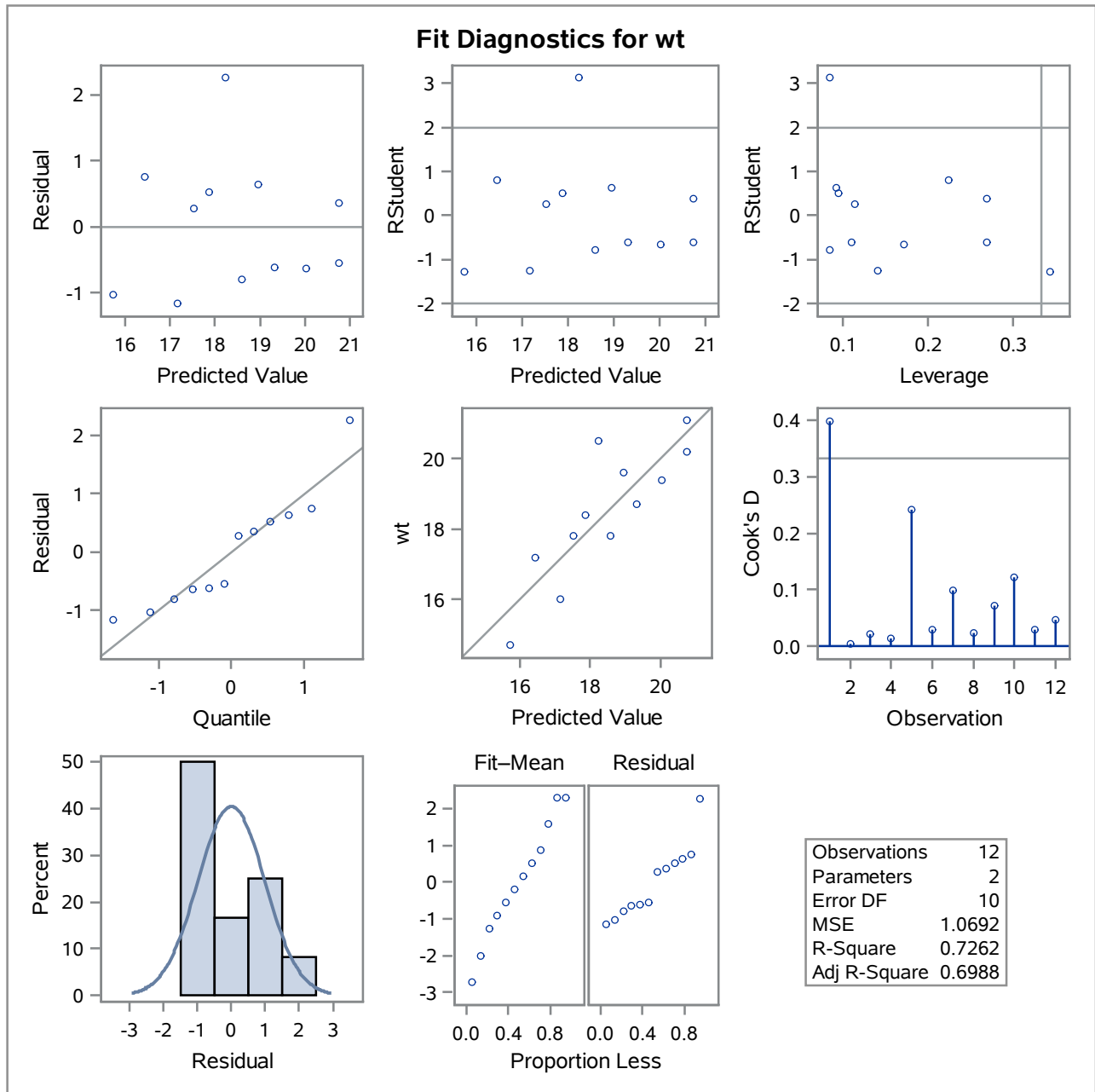
Number of Observations Read	12
Number of Observations Used	12

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	28.35785	28.35785	26.52	0.0004
Error	10	10.69215	1.06921		
Corrected Total	11	39.05000			

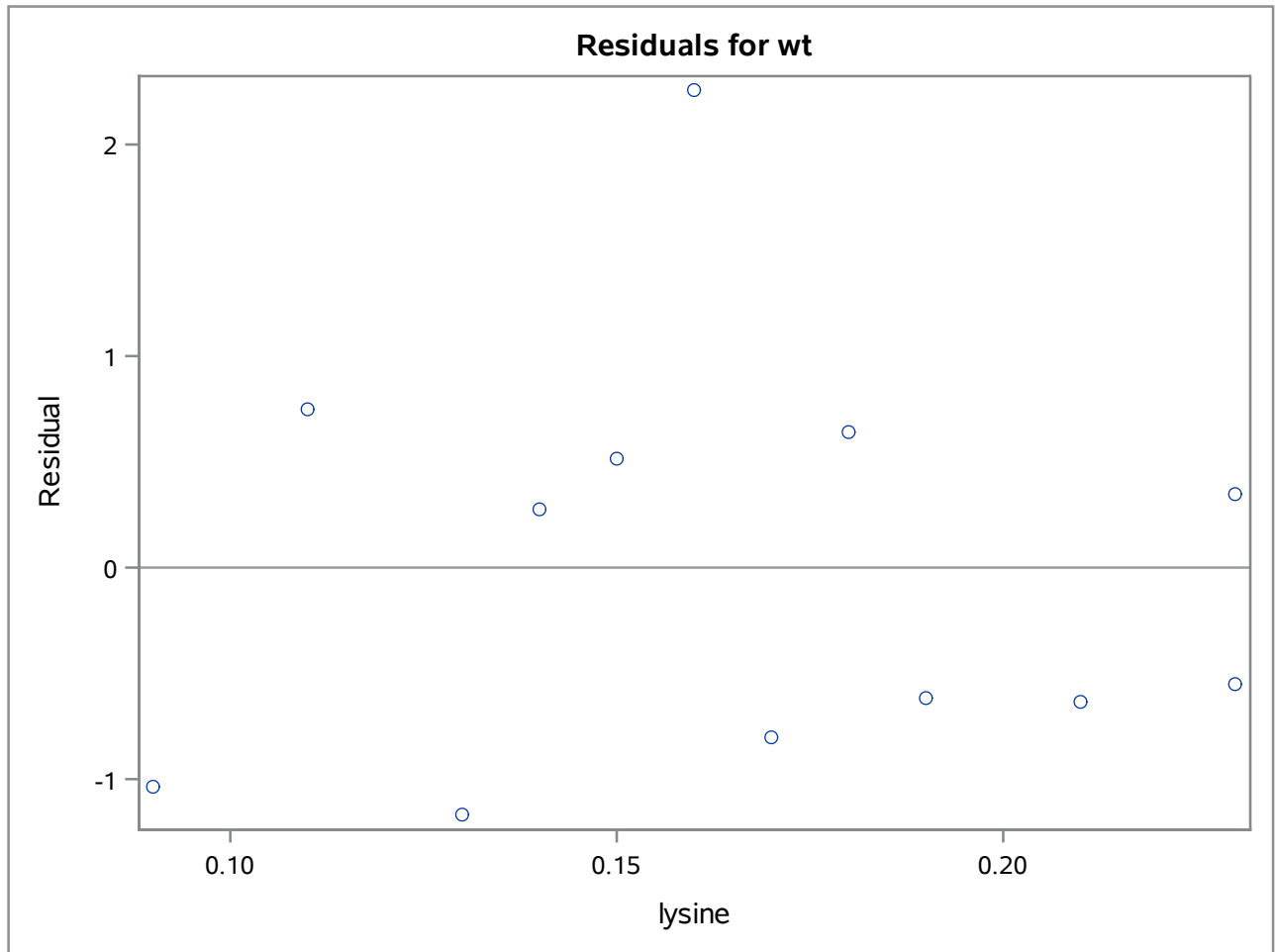
Root MSE	1.03403	R-Square	0.7262
Dependent Mean	18.45000	Adj R-Sq	0.6988
Coeff Var	5.60449		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	12.50853	1.19168	10.50	<.0001
lysine	1	35.82799	6.95694	5.15	0.0004

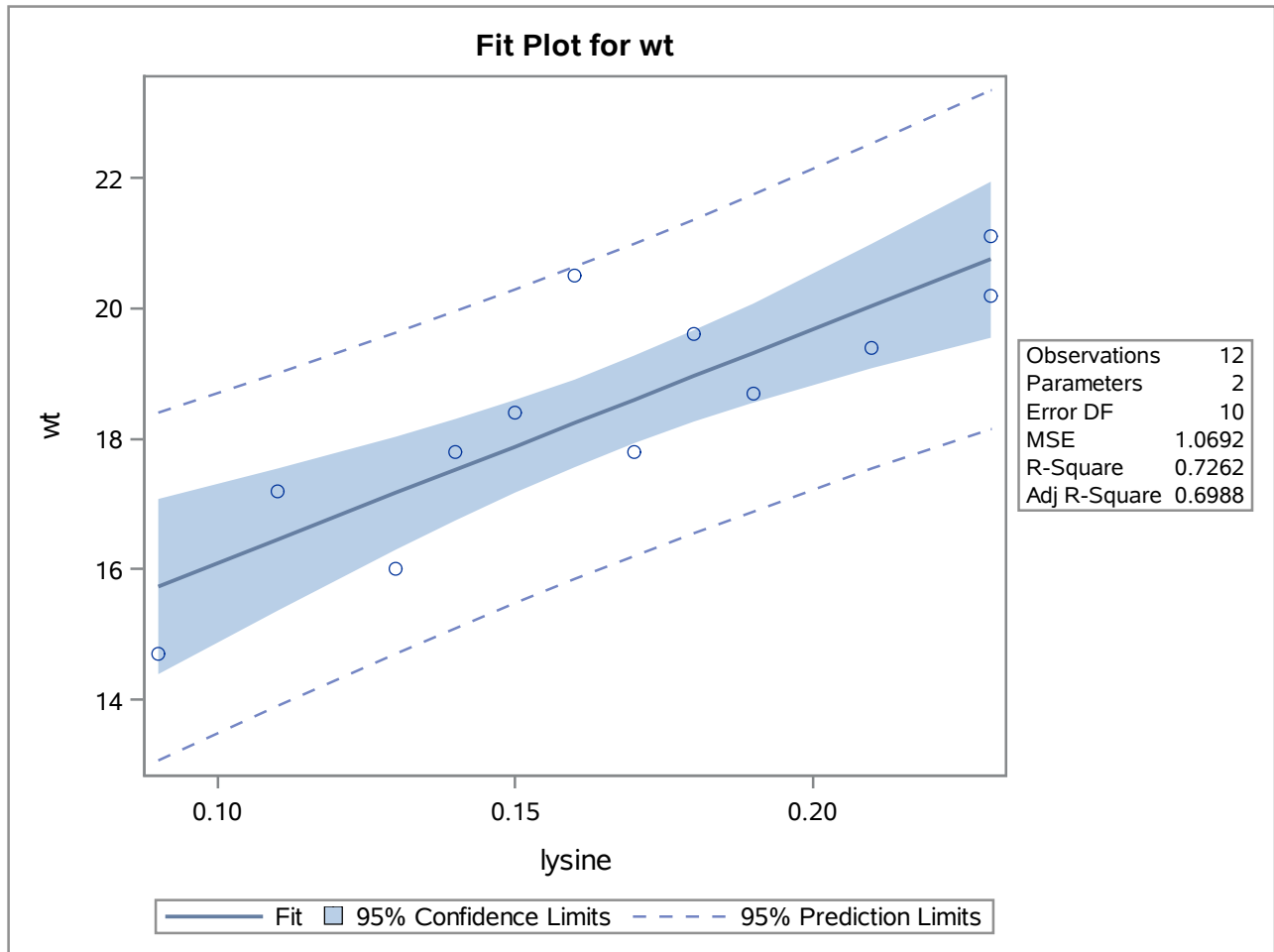
The REG Procedure
 Model: MODEL1
 Dependent Variable: wt



The REG Procedure
Model: MODEL1
Dependent Variable: wt

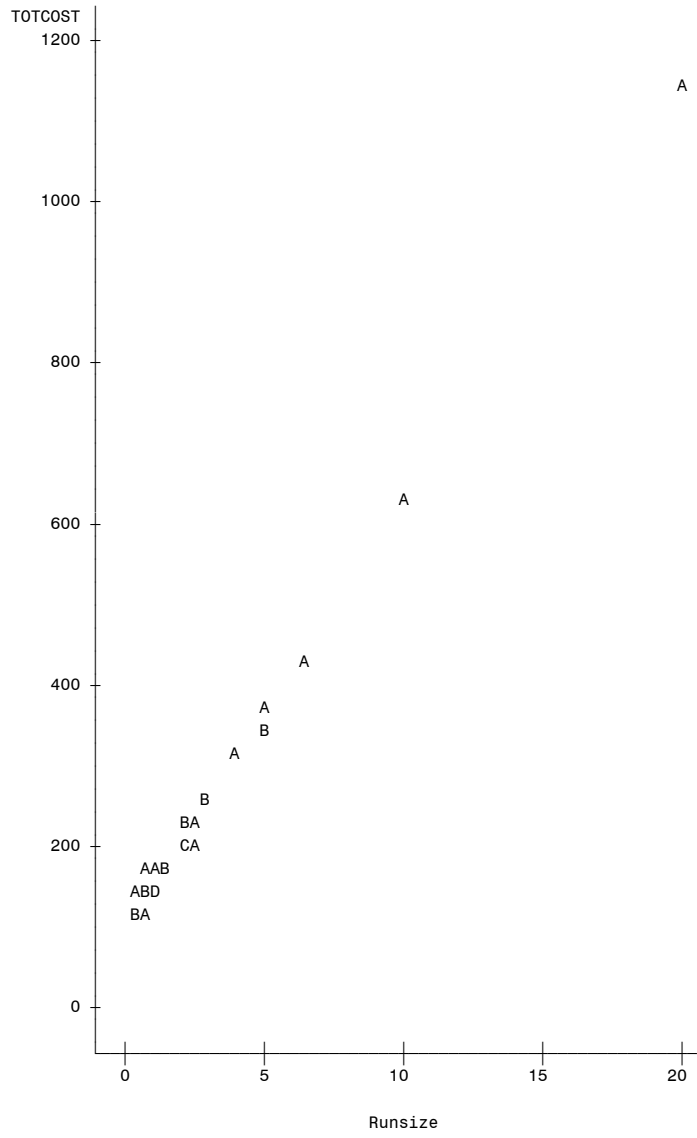


The REG Procedure
Model: MODEL1
Dependent Variable: wt



Obs	Runsize	TOTCOST
1	2.6	230
2	5.0	341
3	10.0	629
4	2.0	187
5	0.8	159
6	4.0	327
7	2.5	206
8	0.6	124
9	0.8	155
10	1.0	147
11	2.0	209
12	3.0	247
13	0.4	133
14	0.5	125
15	5.0	366
16	20.0	1146
17	5.0	339
18	2.0	208
19	1.0	150
20	1.5	179
21	0.5	128
22	1.0	155
23	1.0	143
24	0.6	131
25	2.0	219
26	1.5	171
27	3.0	258
28	6.5	415
29	2.2	226
30	1.0	159

Plot of TOTCOST*Runsize. Legend: A = 1 obs, B = 2 obs, etc.



The REG Procedure
 Model: MODEL1
 Dependent Variable: TOTCOST

Number of Observations Read	30
Number of Observations Used	30

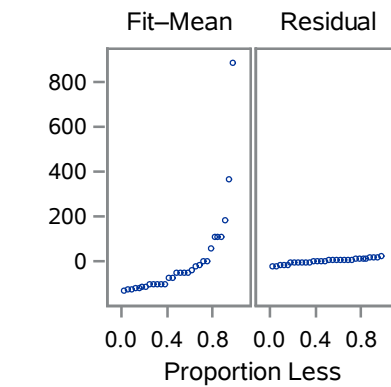
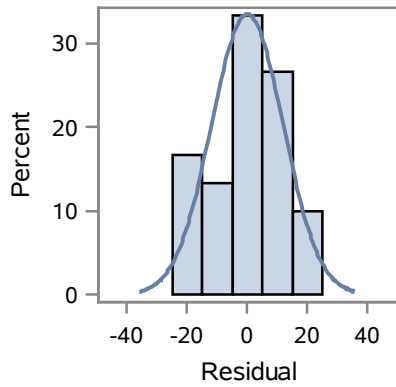
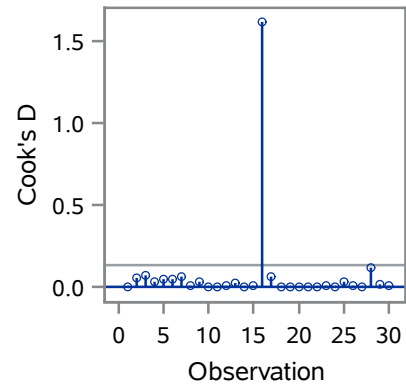
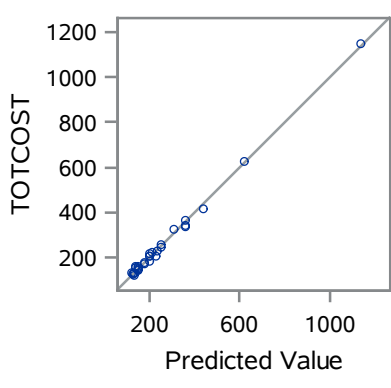
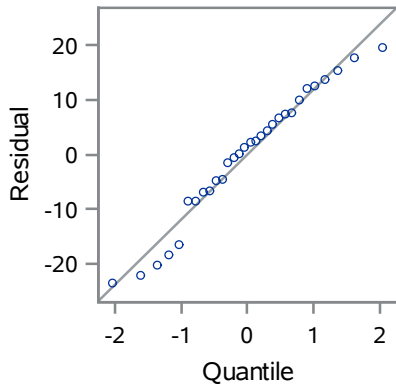
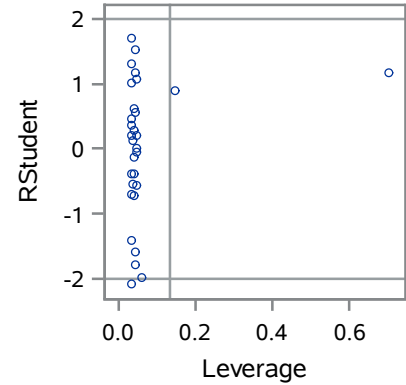
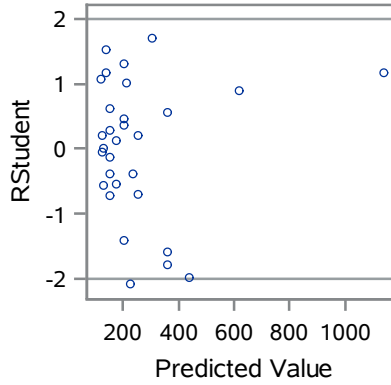
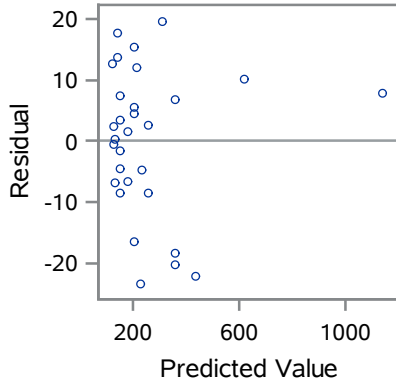
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1168280	1168280	7943.69	<.0001
Error	28	4117.96597	147.07021		
Corrected Total	29	1172398			

Root MSE	12.12725	R-Square	0.9965
Dependent Mean	253.73333	Adj R-Sq	0.9964
Coeff Var	4.77953		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	99.67521	2.80893	35.49	<.0001
Runsize	1	51.92971	0.58265	89.13	<.0001

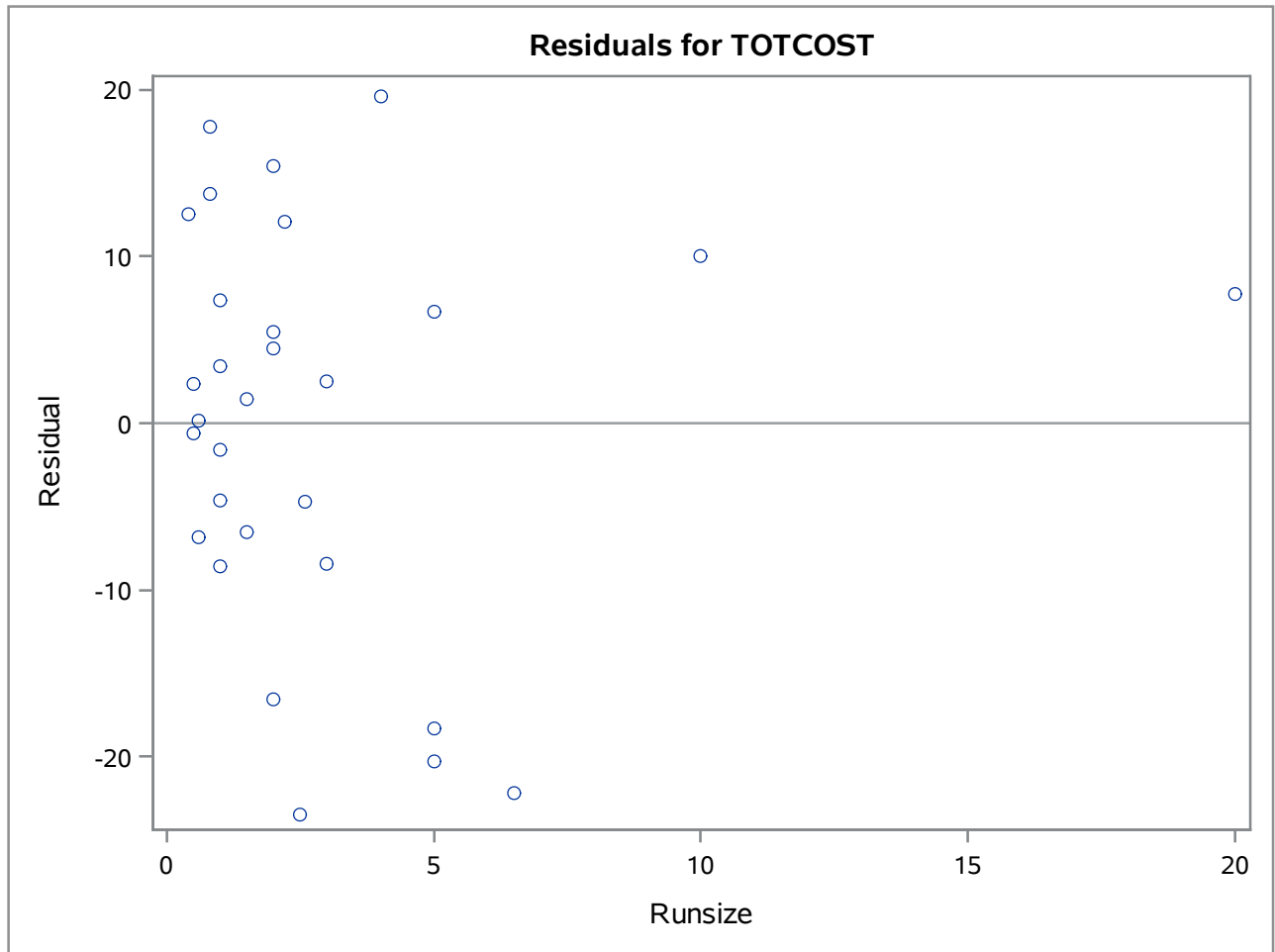
The REG Procedure
 Model: MODEL1
 Dependent Variable: TOTCOST

Fit Diagnostics for TOTCOST



Observations	30
Parameters	2
Error DF	28
MSE	147.07
R-Square	0.9965
Adj R-Square	0.9964

The REG Procedure
Model: MODEL1
Dependent Variable: TOTCOST



The REG Procedure
Model: MODEL1
Dependent Variable: TOTCOST

