The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed

Number of Observations Read	21
Number of Observations Used	21

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	5	18248	3649.50958	119.58	<.0001
Error	15	457.79314	30.51954		
Corrected Total	20	18705			

Root MSE	5.52445	**R-Square**	0.9755
Dependent Mean	169.91333	**Adj R-Sq**	0.9674
Coeff Var	3.25133		

| Parameter Estimates					
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	182.87290	1.70630	107.17	<.0001
cbank	1	1.47430	0.15158	9.73	<.0001
clength	1	43.85323	2.05382	21.35	<.0001
cbl	1	0.04550	0.17616	0.26	0.7997
cbank2	1	-0.01405	0.02155	-0.65	0.5241
clength2	1	-30.76135	4.03282	-7.63	<.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed
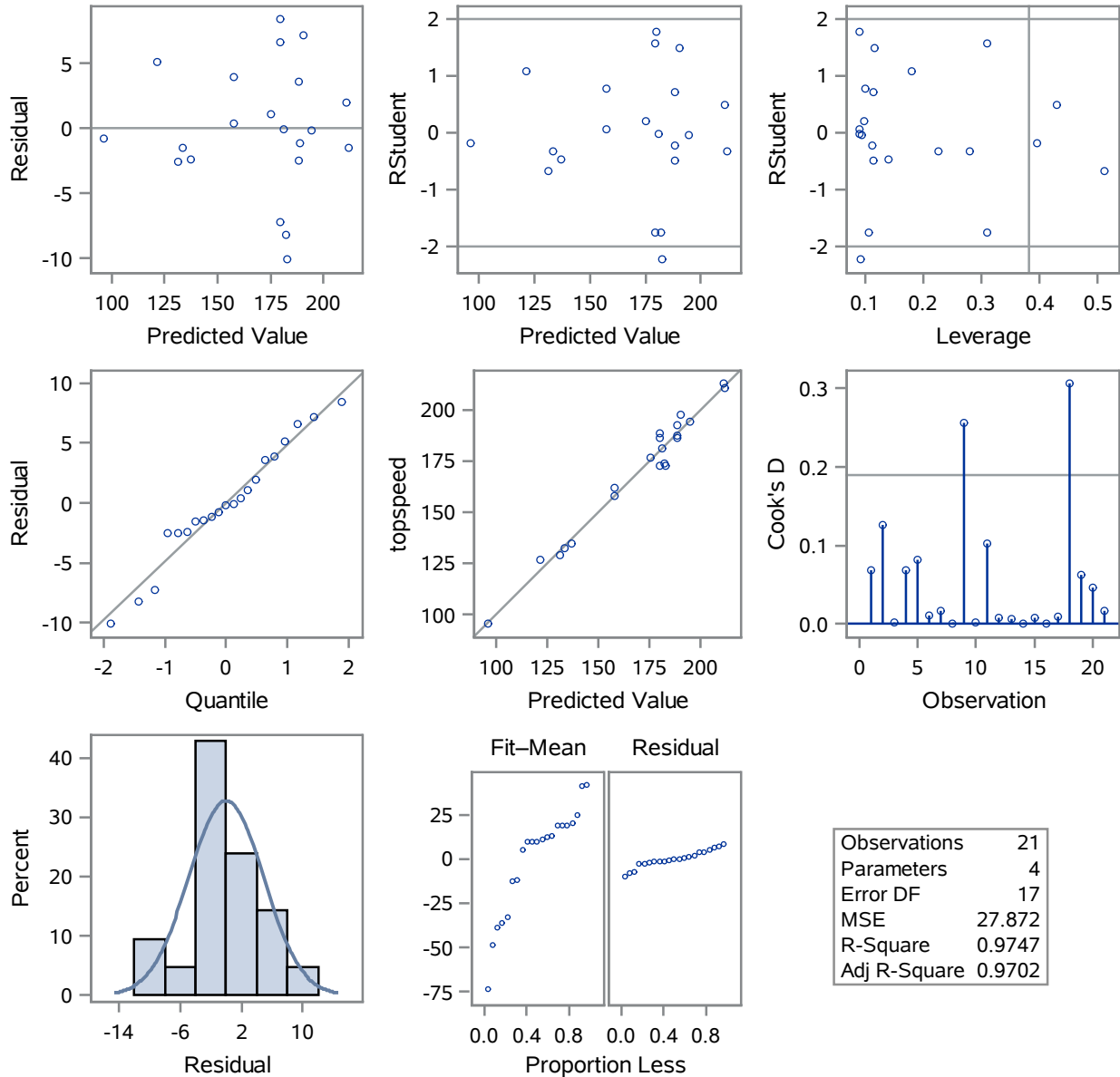

Fit Diagnostics for topspeed

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed
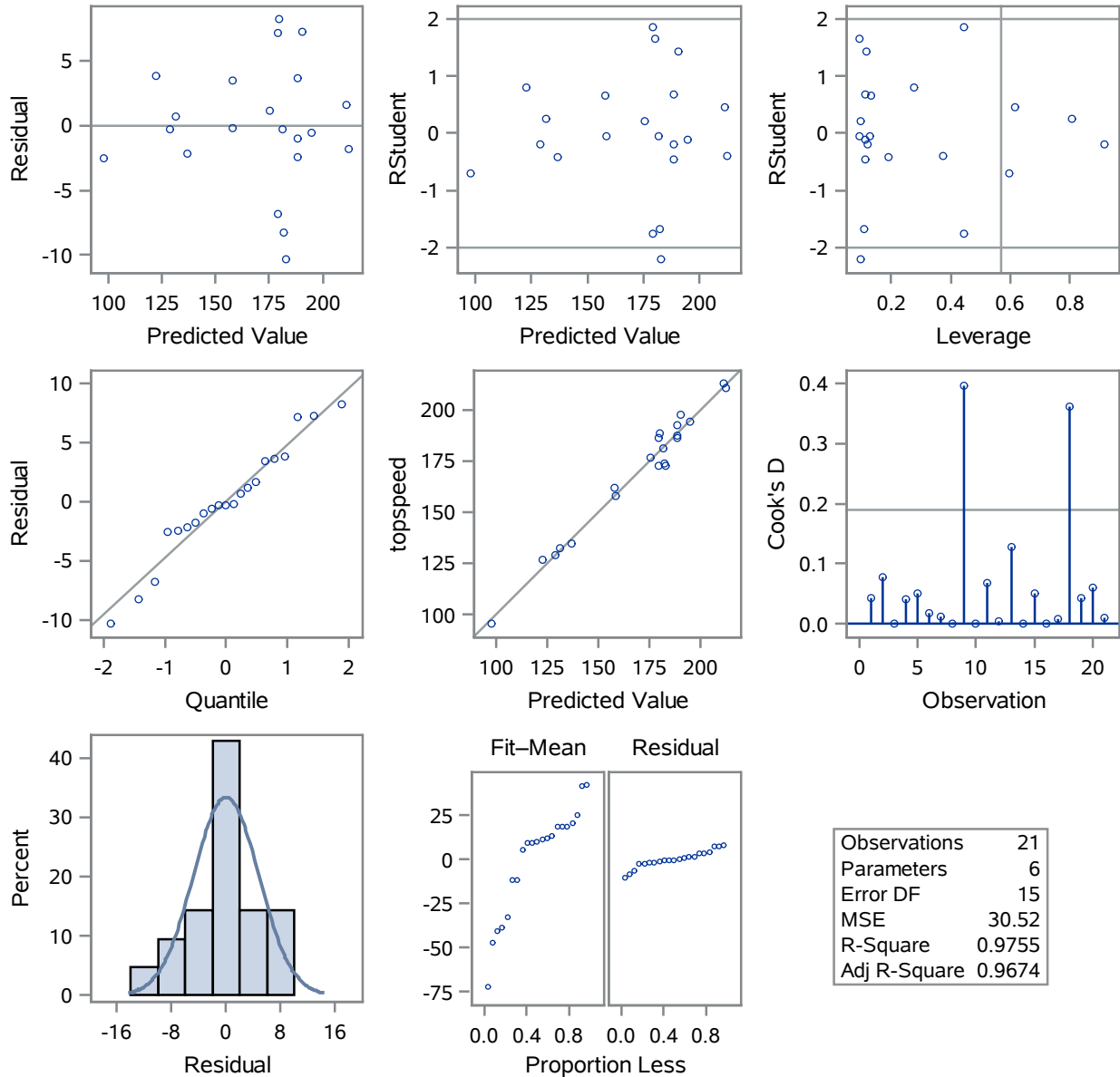
Residual by Regressors for topspeed

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed
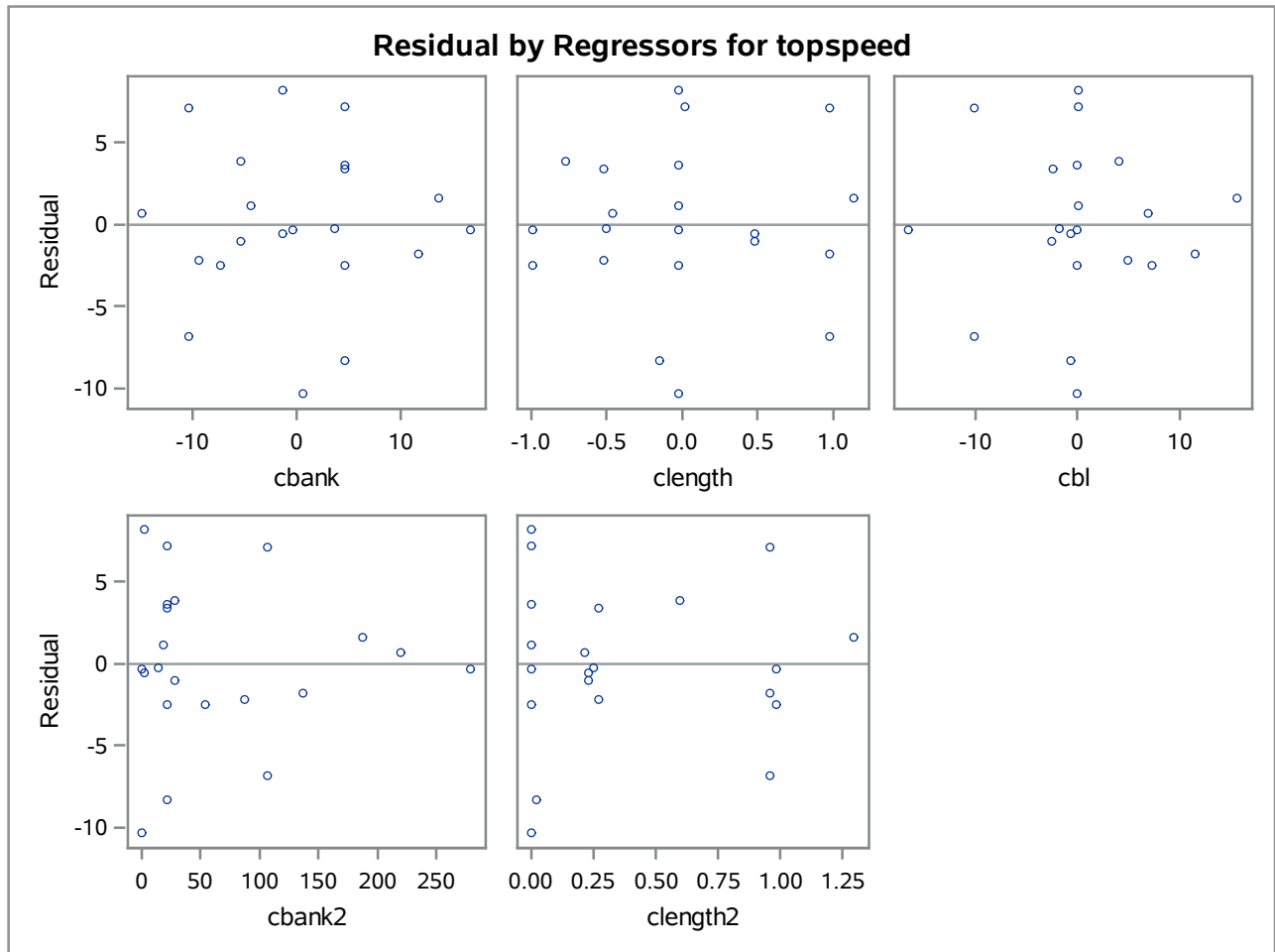
Number of Observations Read	21
Number of Observations Used	21

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	18232	6077.16984	218.04	<.0001
Error	17	473.83150	27.87244		
Corrected Total	20	18705			

Root MSE	5.27944	R-Square	0.9747
Dependent Mean	169.91333	Adj R-Sq	0.9702
Coeff Var	3.10713		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	182.65180	1.59723	114.36	<.0001
cbank	1	1.46392	0.14373	10.19	<.0001
clength	1	44.17045	1.91763	23.03	<.0001
clength2	1	-32.52179	2.82536	-11.51	<.0001

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed

Fit Diagnostics for topspeed

Observations	21
Parameters	4
Error DF	17
MSE	27.872
R-Square	0.9747
Adj R-Square	0.9702

The SAS System

The REG Procedure
Model: MODEL1
Dependent Variable: topspeed

Residual by Regressors for topspeed