The REG Procedure
Model: MODEL1
Dependent Variable: E_HIGH_CO

Number of Observations Read	343
Number of Observations Used	343

Analysis of Variance

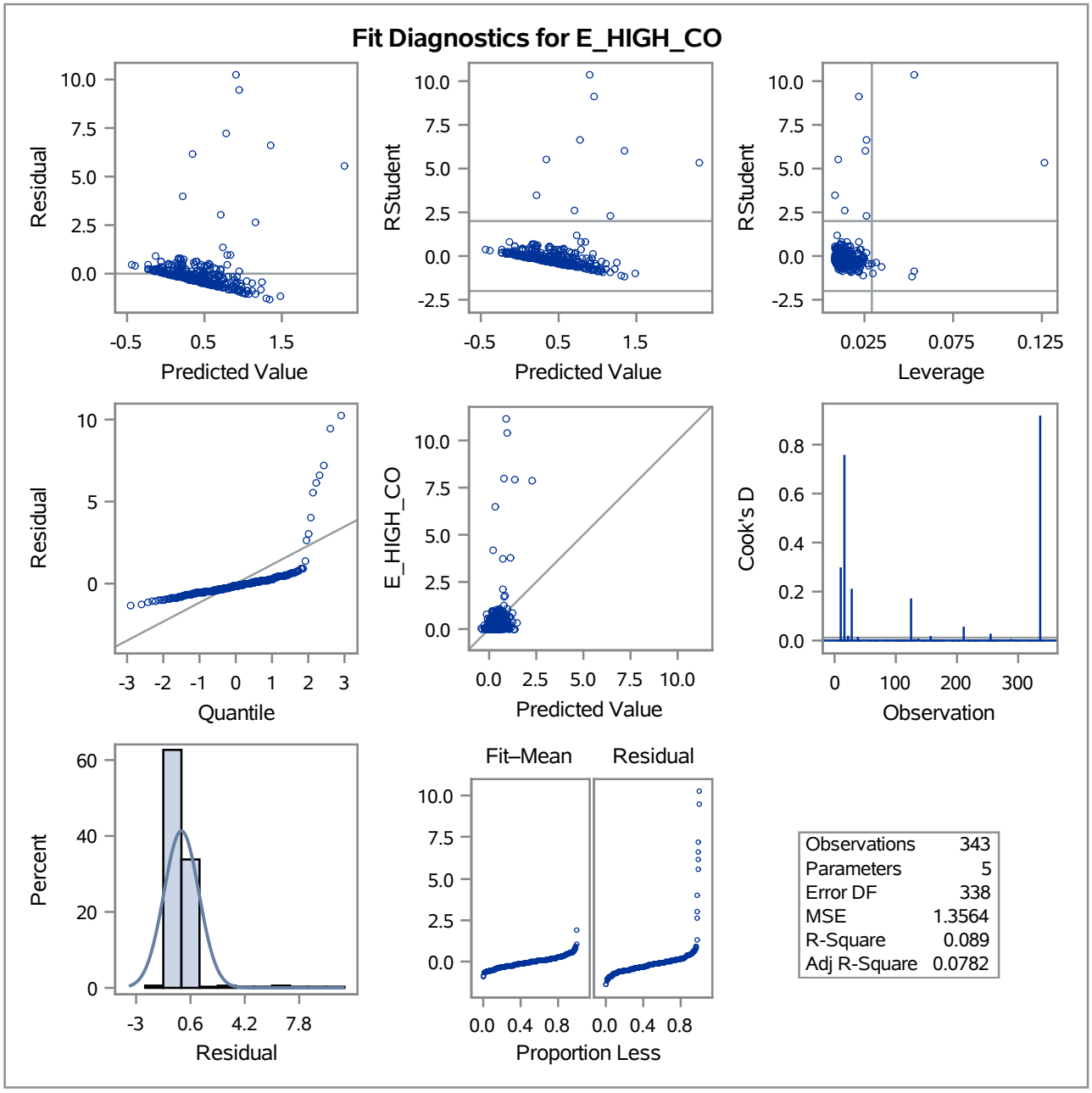
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	44.80248	11.20062	8.26	<.0001
Error	338	458.47649	1.35644		
Corrected Total	342	503.27896			

Root MSE	1.16466	**R-Square**	0.0890
Dependent Mean	0.41875	**Adj R-Sq**	0.0782
Coeff Var	278.13084		

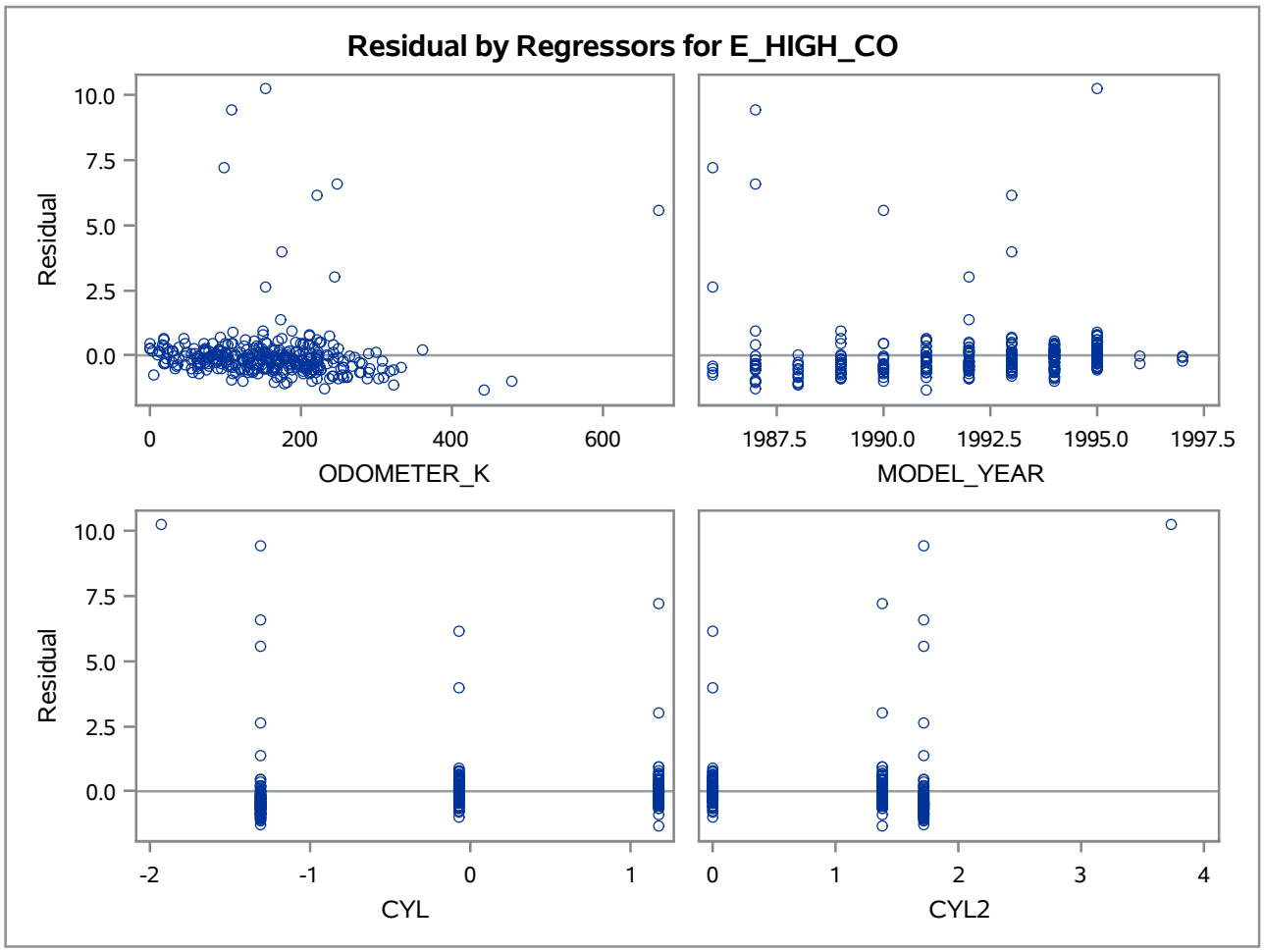
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	160.23545	49.68420	3.23	0.0014
ODOMETER_K	1	0.00282	0.00077196	3.66	0.0003
MODEL_YEAR	1	-0.08054	0.02494	-3.23	0.0014
CYL	1	-0.06440	0.06461	-1.00	0.3196
CYL2	1	0.21269	0.08399	2.53	0.0118

The REG Procedure
Model: MODEL1
Dependent Variable: E_HIGH_CO



The REG Procedure
Model: MODEL1
Dependent Variable: E_HIGH_CO



The GLMSELECT Procedure

Data Set	WORK.EMISSIONS_HIGHSTD
Dependent Variable	LNP_E_HIGH_CO
Selection Method	None

Number of Observations Read	343
Number of Observations Used	343

Class Level Information		
Class	**Levels**	**Values**
TRANS_TYPE	2	A M
DUAL_EXHAUST	2	N Y

Dimensions	
Number of Effects	7
Number of Parameters	7

The GLMSELECT Procedure

Least Squares Summary			
Step	Effect Entered	Number Effects In	SBC
0	Intercept	1	442.9675
1	ODOMETER_K	2	426.5542*
2	MODEL_YEAR	3	427.0591
3	CYL	4	432.7881
4	CYL*CYL	5	437.1778
5	TRANS_TYPE	6	442.0997
6	ODOMETER_*TRANS_TYPE	7	447.5762
* Optimal Value of Criterion			

The GLMSELECT Procedure
Least Squares Model (No Selection)

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	6	104.10936	17.35156	5.19	<.0001
Error	336	1122.68681	3.34133		
Corrected Total	342	1226.79617			

Root MSE	1.82793
Dependent Mean	-2.45480
R-Square	0.0849
Adj R-Sq	0.0685
AIC	765.71211
AICC	766.14324
SBC	447.57622

Parameter Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	167.898936	78.236685	2.15	0.0326
ODOMETER_K	1	0.005035	0.001906	2.64	0.0086
MODEL_YEAR	1	-0.085903	0.039271	-2.19	0.0294
CYL	1	0.015910	0.107258	0.15	0.8822
CYL*CYL	1	0.162109	0.132107	1.23	0.2206
TRANS_TYPE A	1	-0.439117	0.444879	-0.99	0.3243
ODOMETER_*TRANS_TYPE A	1	0.001455	0.002446	0.59	0.5523

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Number of Observations Read	343
Number of Observations Used	343

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	104.10936	17.35156	5.19	<.0001
Error	336	1122.68681	3.34133		
Corrected Total	342	1226.79617			

Root MSE	1.82793	**R-Square**	0.0849
Dependent Mean	-2.45480	**Adj R-Sq**	0.0685
Coeff Var	-74.46356		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	167.89894	78.23668	2.15	0.0326
ODOMETER_K	ODOMETER_K	1	0.00504	0.00191	2.64	0.0086
MODEL_YEAR	MODEL_YEAR	1	-0.08590	0.03927	-2.19	0.0294
CYL	CYL	1	0.01591	0.10726	0.15	0.8822
CYL*CYL	CYL*CYL	1	0.16211	0.13211	1.23	0.2206
TRANS_TYPE A	TRANS_TYPE A	1	-0.43912	0.44488	-0.99	0.3243
ODOMETER_*TRANS_TYPE A	ODOMETER_*TRANS_TYPE A	1	0.00146	0.00245	0.59	0.5523

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
1	-0.02532	-2.3667	2.3414
2	-0.57093	-2.4465	1.8755
3	-4.19971	-2.2335	-1.9662
4	-1.80181	-3.2670	1.4652
5	-5.29832	-2.5107	-2.7876
6	-5.29832	-2.7741	-2.5242
7	-2.25379	-2.7037	0.4499
8	-3.35241	-2.7631	-0.5893
9	-5.29832	-2.2783	-3.0200
10	2.34132	-2.2698	4.6111
11	-2.46510	-2.7213	0.2562
12	-5.29832	-3.4108	-1.8875
13	-5.29832	-3.3917	-1.9066
14	-0.55339	-2.6957	2.1424
15	0.05354	-1.3842	1.4378
16	2.06496	0.6033	1.4616
17	-0.55339	-2.6877	2.1343
18	-0.62549	-2.8245	2.1990
19	-0.60697	-2.1847	1.5777
20	-1.15518	-1.5913	0.4361
21	-3.68888	-3.1801	-0.5087
22	1.43865	-2.6095	4.0481
23	-1.03564	-1.5357	0.5001
24	-4.19971	-2.0931	-2.1066
25	-4.19971	-2.9981	-1.2016
26	-0.02532	-2.7060	2.6807
27	-0.68320	-2.1453	1.4621
28	2.07756	-2.2572	4.3348
29	-1.06421	-2.6578	1.5935
30	-0.76572	-2.7082	1.9425
31	-1.80181	-1.8963	0.0945
32	-3.35241	-2.9909	-0.3615
33	-3.68888	-2.4889	-1.2000
34	-2.00248	-2.9287	0.9262

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
35	-0.72361	-1.5728	0.8492
36	-0.78746	-2.1678	1.3803
37	-1.00786	-2.5651	1.5573
38	-5.29832	-0.4604	-4.8379
39	-4.19971	-2.8445	-1.3553
40	-1.44817	-2.8022	1.3540
41	-5.29832	-3.3044	-1.9939
42	-3.10109	-3.0664	-0.0347
43	-1.53712	-2.6175	1.0804
44	-3.35241	-2.2389	-1.1135
45	-0.09982	-2.5641	2.4643
46	-0.57093	-3.0450	2.4741
47	-5.29832	-2.0336	-3.2647
48	-5.29832	-2.0335	-3.2648
49	-5.29832	-1.7679	-3.5305
50	-1.18744	-2.2941	1.1067
51	-3.35241	-2.0055	-1.3469
52	-5.29832	-2.0315	-3.2668
53	-0.95451	-1.8480	0.8935
54	-2.90042	-2.2461	-0.6543
55	-5.29832	-3.0923	-2.2060
56	-3.35241	-2.5920	-0.7604
57	-2.46510	-2.6664	0.2013
58	-2.25379	-2.4052	0.1514
59	-5.29832	-2.3832	-2.9151
60	-2.25379	-2.7922	0.5384
61	-2.59027	-2.1917	-0.3986
62	-1.49165	-2.7842	1.2925
63	-2.00248	-2.4009	0.3984
64	-1.49165	-3.4044	1.9128
65	-3.10109	-3.0876	-0.0135
66	-1.93102	-2.2752	0.3442
67	-1.74297	-2.8412	1.0982
68	-3.68888	-3.5001	-0.1888

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
69	-5.29832	-3.0990	-2.1993
70	-0.24207	-2.2707	2.0287
71	-1.44817	-3.5320	2.0838
72	-0.13353	-2.6090	2.4754
73	-0.33547	-2.4484	2.1130
74	-3.68888	-3.4773	-0.2116
75	-5.29832	-2.3486	-2.9497
76	-0.24207	-3.2014	2.9594
77	-5.29832	-2.2572	-3.0411
78	-2.07944	-2.7629	0.6835
79	-1.68740	-1.9696	0.2822
80	-3.68888	-3.6728	-0.0161
81	-3.35241	-2.3381	-1.0144
82	-0.78746	-2.6424	1.8549
83	-0.37834	-2.3449	1.9666
84	-2.00248	-2.3464	0.3439
85	-4.19971	-2.7170	-1.4827
86	-2.16282	-2.5693	0.4065
87	-3.68888	-2.8901	-0.7988
88	-0.45413	-2.0282	1.5741
89	-0.18032	-1.3588	1.1784
90	-3.68888	-2.6659	-1.0230
91	-0.85567	-2.3031	1.4474
92	-5.29832	-2.2362	-3.0621
93	-5.29832	-2.4632	-2.8351
94	-1.86433	-1.9336	0.0693
95	-0.13353	-2.1385	2.0049
96	-2.73337	-2.8305	0.0971
97	-2.90042	-2.8887	-0.0117
98	-1.80181	-2.1385	0.3366
99	-4.19971	-2.5299	-1.6698
100	-1.12393	-2.6367	1.5128
101	-5.29832	-2.4060	-2.8923
102	-3.68888	-2.8642	-0.8247

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
103	-1.53712	-2.6661	1.1290
104	-4.19971	-3.4773	-0.7224
105	-4.19971	-3.4773	-0.7224
106	-1.58475	-1.8943	0.3095
107	-1.63476	-2.7347	1.0999
108	-4.19971	-3.3061	-0.8936
109	-0.42312	-2.7380	2.3149
110	-4.19971	-2.7380	-1.4617
111	-0.32158	-1.6658	1.3442
112	0.21107	-2.1590	2.3700
113	-1.74297	-2.3555	0.6125
114	-5.29832	-2.2828	-3.0155
115	-5.29832	-3.5047	-1.7936
116	-2.16282	-1.5732	-0.5897
117	-4.19971	-1.8593	-2.3404
118	-5.29832	-2.9194	-2.3790
119	-3.35241	-2.8547	-0.4977
120	-3.68888	-2.9912	-0.6977
121	-3.68888	-3.3189	-0.3700
122	-1.58475	-1.7281	0.1434
123	-1.15518	-2.3034	1.1482
124	-5.29832	-2.7877	-2.5106
125	2.07380	-1.2826	3.3564
126	-4.19971	-2.4195	-1.7802
127	-1.68740	-3.2479	1.5605
128	-4.19971	-2.2375	-1.9622
129	-0.33547	-2.8505	2.5150
130	-0.90387	-2.5131	1.6092
131	-1.12393	-0.9619	-0.1621
132	-1.15518	-2.4251	1.2699
133	-2.59027	-2.5639	-0.0264
134	-4.19971	-2.3966	-1.8031
135	-1.74297	-1.5928	-0.1502
136	0.02469	-2.2121	2.2368

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
137	-4.19971	-0.9766	-3.2231
138	-5.29832	-2.3987	-2.8996
139	-0.11093	-2.3030	2.1921
140	-1.49165	-2.5841	1.0925
141	-0.92887	-1.6700	0.7412
142	-2.16282	-2.2549	0.0921
143	-2.90042	-2.9038	0.003382
144	-3.68888	-2.7558	-0.9331
145	-4.19971	-2.7558	-1.4439
146	-3.68888	-3.1894	-0.4995
147	-0.66359	-2.5990	1.9355
148	-2.73337	-3.0986	0.3652
149	-3.68888	-2.0600	-1.6289
150	-0.92887	-2.0805	1.1516
151	-1.53712	-1.9095	0.3724
152	-0.05657	-1.8813	1.8247
153	-0.43850	-1.0883	0.6498
154	-0.13353	-1.4882	1.3546
155	-0.92887	-2.6117	1.6828
156	-5.29832	-2.4020	-2.8964
157	1.31775	-1.8237	3.1414
158	-2.90042	-2.4616	-0.4388
159	-0.43850	-2.5312	2.0927
160	-3.68888	-3.1361	-0.5528
161	-2.59027	-2.1031	-0.4872
162	-1.22078	-2.8481	1.6273
163	-0.92887	-1.4489	0.5200
164	-4.19971	-2.7291	-1.4706
165	-1.86433	-1.5346	-0.3297
166	-0.07796	-2.1382	2.0603
167	-4.19971	-2.0289	-2.1708
168	-0.66359	-2.1372	1.4736
169	-1.03564	-2.5692	1.5335
170	-3.35241	-3.3238	-0.0286

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
171	-5.29832	-2.6057	-2.6926
172	-3.68888	-2.6883	-1.0006
173	-4.19971	-2.8564	-1.3433
174	-0.68320	-2.1567	1.4735
175	-5.29832	-3.5771	-1.7212
176	-0.60697	-2.0339	1.4269
177	-4.19971	-3.0742	-1.1255
178	-1.00786	-2.4968	1.4889
179	-3.10109	-2.4763	-0.6248
180	0.55101	-1.9333	2.4843
181	-2.16282	-1.6151	-0.5477
182	-5.29832	-1.7359	-3.5625
183	-2.16282	-1.6760	-0.4868
184	-5.29832	-2.0546	-3.2437
185	-0.06721	-2.1287	2.0615
186	-2.16282	-2.0856	-0.0772
187	-1.86433	-2.8688	1.0045
188	-2.25379	-2.9287	0.6749
189	-3.68888	-3.0247	-0.6642
190	-5.29832	-3.0739	-2.2245
191	-3.68888	-2.4828	-1.2061
192	-2.07944	-2.7447	0.6652
193	-1.12393	-2.0794	0.9555
194	-3.10109	-2.3326	-0.7685
195	-1.80181	-2.5379	0.7361
196	-4.19971	-3.0246	-1.1751
197	-4.19971	-2.7150	-1.4847
198	-1.44817	-1.7042	0.2560
199	-0.40797	-2.1287	1.7207
200	-2.35388	-2.2880	-0.0659
201	-3.10109	-1.8297	-1.2714
202	-1.44817	-2.7377	1.2895
203	-1.63476	-2.5758	0.9410
204	-5.29832	-3.3157	-1.9826

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
205	-2.59027	-2.5641	-0.0262
206	-4.19971	-1.8747	-2.3250
207	0.03440	-2.8608	2.8952
208	-5.29832	-2.2036	-3.0947
209	-1.18744	-3.0449	1.8575
210	-1.80181	-3.0269	1.2251
211	1.87103	-2.1909	4.0619
212	-0.05657	-2.0072	1.9507
213	-0.85567	-1.8114	0.9557
214	-0.53614	-2.2092	1.6731
215	-5.29832	-2.2436	-3.0547
216	-5.29832	-2.4010	-2.8973
217	-4.19971	-2.4010	-1.7987
218	-5.29832	-3.3664	-1.9319
219	-5.29832	-2.9028	-2.3955
220	-2.59027	-1.5387	-1.0516
221	-0.78746	-2.0032	1.2158
222	-1.36649	-2.0123	0.6458
223	-4.19971	-2.4979	-1.7018
224	-4.19971	-2.5747	-1.6250
225	-3.68888	-2.5747	-1.1142
226	-1.86433	-2.0031	0.1387
227	-1.80181	-2.5728	0.7709
228	-1.12393	-2.6833	1.5593
229	-0.58879	-3.0449	2.4561
230	-1.06421	-2.2796	1.2154
231	-2.73337	-2.4618	-0.2715
232	-5.29832	-3.0989	-2.1994
233	-3.35241	-1.6772	-1.6752
234	-1.80181	-2.5398	0.7380
235	-0.90387	-2.9149	2.0110
236	-4.19971	-3.0714	-1.1283
237	-2.00248	-2.4436	0.4411
238	-1.03564	-2.4701	1.4344

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
239	-4.19971	-2.2574	-1.9423
240	-0.74444	-3.1217	2.3773
241	-4.19971	-2.9934	-1.2063
242	-3.68888	-3.6728	-0.0161
243	-2.90042	-2.3381	-0.5624
244	-3.68888	-3.6728	-0.0161
245	-4.19971	-1.8566	-2.3431
246	-1.15518	-2.0539	0.8987
247	-5.29832	-2.3446	-2.9537
248	-1.80181	-2.8719	1.0701
249	-1.80181	-2.6556	0.8537
250	-4.19971	-3.0296	-1.1701
251	-1.29098	-2.6503	1.3593
252	-0.68320	-2.7506	2.0674
253	-3.68888	-3.4773	-0.2116
254	-5.29832	-3.4773	-1.8210
255	1.33632	-1.6776	3.0140
256	-2.07944	-2.8908	0.8113
257	-3.68888	-2.2697	-1.4192
258	-1.53712	-2.7880	1.2509
259	-3.35241	-2.0887	-1.2637
260	-0.72361	-2.3052	1.5816
261	-5.29832	-2.8642	-2.4341
262	-5.29832	-2.7819	-2.5164
263	-2.35388	-2.5169	0.1630
264	-1.18744	-1.8943	0.7068
265	-5.29832	-2.5753	-2.7231
266	-4.19971	-3.9161	-0.2836
267	-0.66359	-2.7347	2.0711
268	-0.39304	-1.9529	1.5598
269	-5.29832	-1.9009	-3.3974
270	-0.04604	-2.5395	2.4935
271	-0.11093	-2.5395	2.4286
272	-1.44817	-2.5482	1.1001

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	**Dependent Variable**	**Predicted Value**	**Residual**
273	-4.19971	-2.2352	-1.9645
274	-0.48613	-1.8621	1.3760
275	-0.66359	-2.2974	1.6338
276	-4.19971	-1.7073	-2.4924
277	-5.29832	-2.4466	-2.8517
278	-5.29832	-2.5022	-2.7961
279	-4.19971	-2.0860	-2.1137
280	-0.28104	-2.1396	1.8586
281	-3.68888	-2.8709	-0.8180
282	-3.68888	-1.9126	-1.7763
283	-1.74297	-2.2022	0.4592
284	-0.43850	-2.3707	1.9321
285	-0.62549	-2.0683	1.4428
286	-0.07796	-2.4704	2.3924
287	-0.53614	-2.5393	2.0032
288	-3.68888	-3.4773	-0.2116
289	-5.29832	-1.3696	-3.9287
290	-4.19971	-2.5762	-1.6235
291	-4.19971	-2.3443	-1.8554
292	-4.19971	-1.9259	-2.2738
293	-1.00786	-2.6577	1.6498
294	-2.00248	-2.2913	0.2888
295	-1.25527	-3.3104	2.0551
296	-0.39304	-2.5138	2.1208
297	-2.07944	-2.1449	0.0654
298	-1.29098	-2.1828	0.8919
299	-3.68888	-2.8426	-0.8463
300	-5.29832	-3.0206	-2.2778
301	0.57942	-2.0116	2.5910
302	-0.42312	-2.2559	1.8328
303	-0.13353	-2.9007	2.7672
304	-3.35241	-3.3495	-0.002884
305	0.00499	-2.2406	2.2456
306	-3.10109	-1.6118	-1.4893

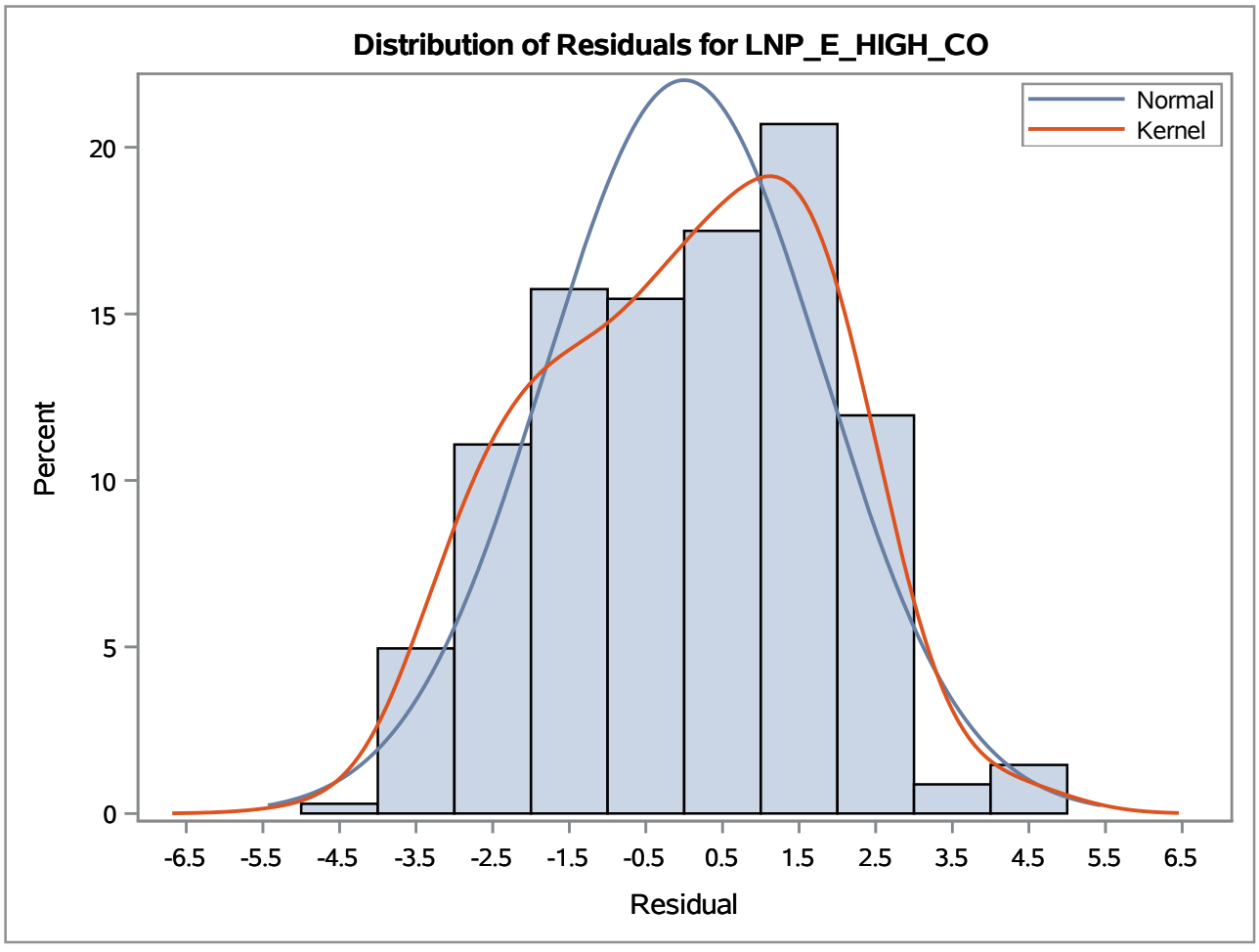
The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
307	-4.19971	-2.5506	-1.6491
308	-1.22078	-1.9331	0.7123
309	-5.29832	-3.0415	-2.2568
310	-0.92887	-1.7857	0.8569
311	-2.00248	-2.1656	0.1632
312	-1.74297	-2.2167	0.4737
313	-0.16842	-2.7807	2.6123
314	-0.55339	-1.8061	1.2527
315	-2.90042	-2.2173	-0.6831
316	-4.19971	-1.9833	-2.2164
317	-2.46510	-3.0113	0.5462
318	-5.29832	-2.8455	-2.4528
319	-5.29832	-2.3415	-2.9568
320	-3.35241	-2.4487	-0.9037
321	-5.29832	-2.0952	-3.2032
322	-5.29832	-2.2171	-3.0812
323	-5.29832	-2.3604	-2.9380
324	0.73955	-2.0935	2.8331
325	-4.19971	-2.4020	-1.7977
326	-5.29832	-3.2836	-2.0147
327	-1.44817	-2.5372	1.0890
328	-2.73337	-2.7423	0.008883
329	-0.70320	-1.6721	0.9689
330	-2.16282	-1.6720	-0.4908
331	-3.10109	-3.2734	0.1723
332	-3.68888	-2.5746	-1.1143
333	-4.19971	-2.3132	-1.8865
334	0.05354	-2.1581	2.2117
335	-0.57093	-1.8670	1.2961
336	2.41189	-2.1310	4.5429
337	-1.25527	-2.9414	1.6861
338	-0.68320	-2.3465	1.6633
339	-0.48613	-2.1372	1.6510
340	-2.25379	-3.0220	0.7682

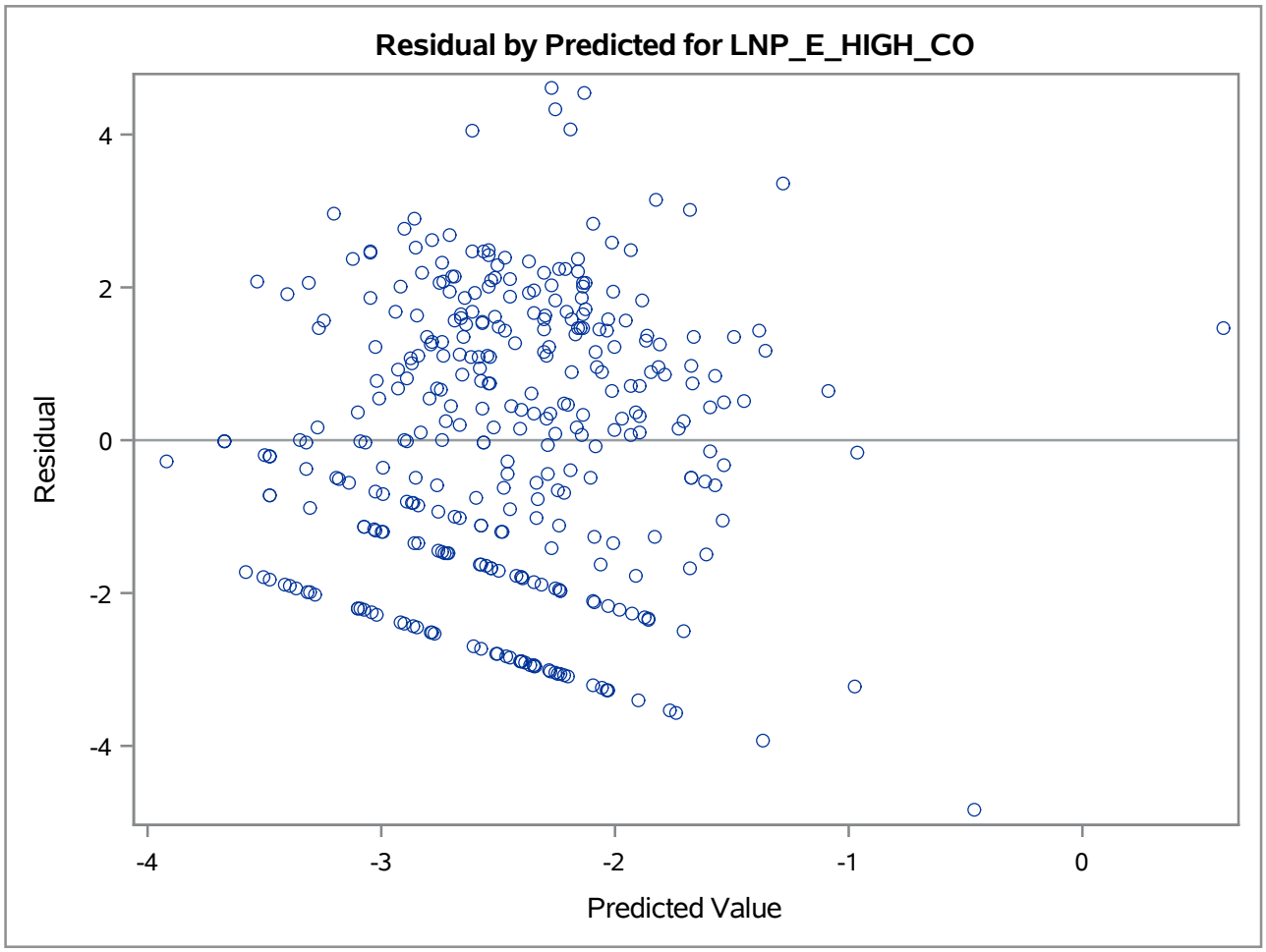
The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics			
Obs	Dependent Variable	Predicted Value	Residual
341	-0.21691	-2.5005	2.2836
342	-2.73337	-2.2867	-0.4467
343	-4.19971	-2.5307	-1.6690

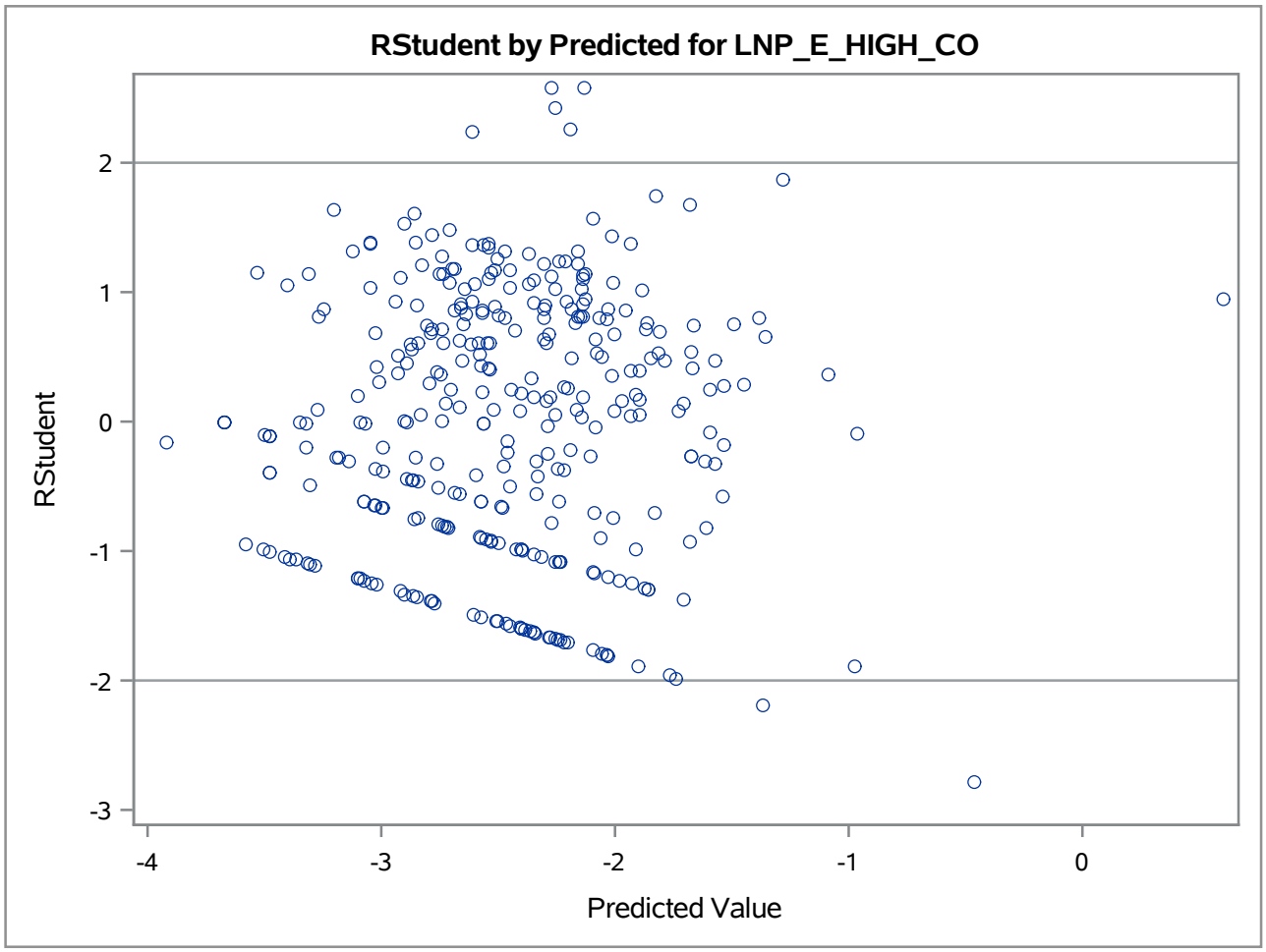
Sum of Residuals	0
Sum of Squared Residuals	1122.68681
Predicted Residual SS (PRESS)	1174.97865



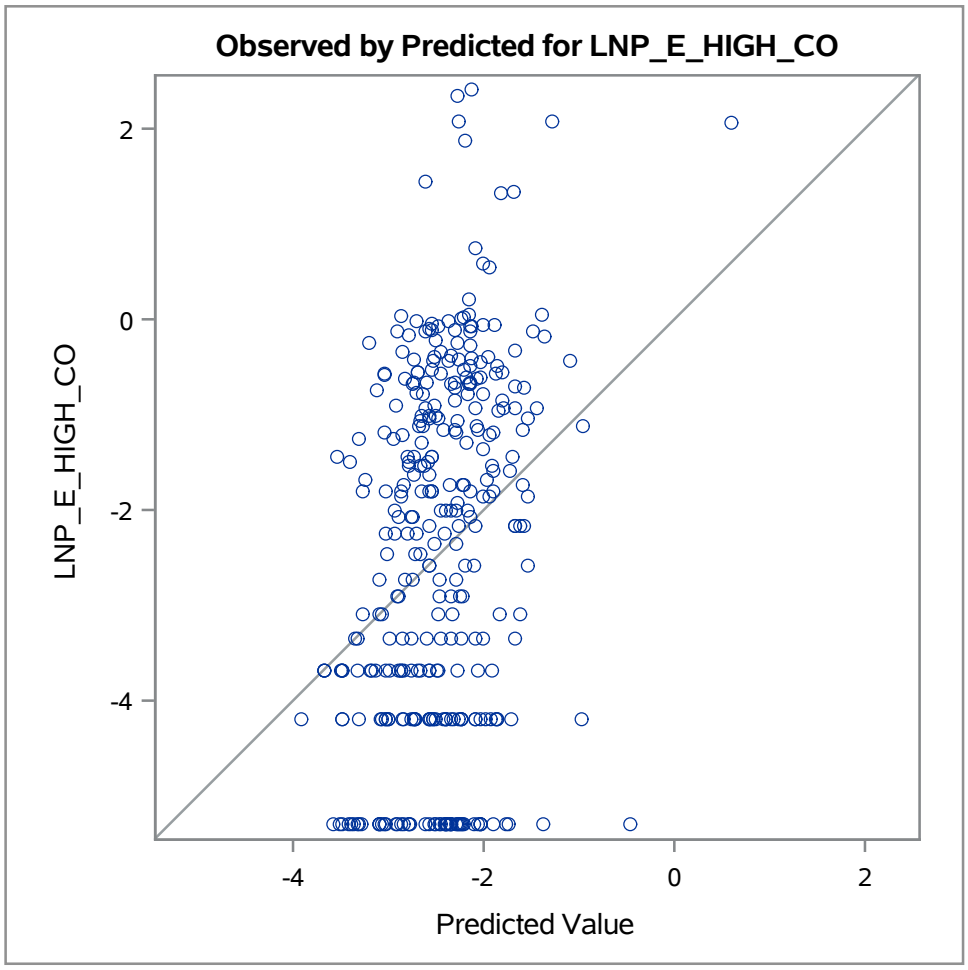
The REG Procedure
Model: MODEL1



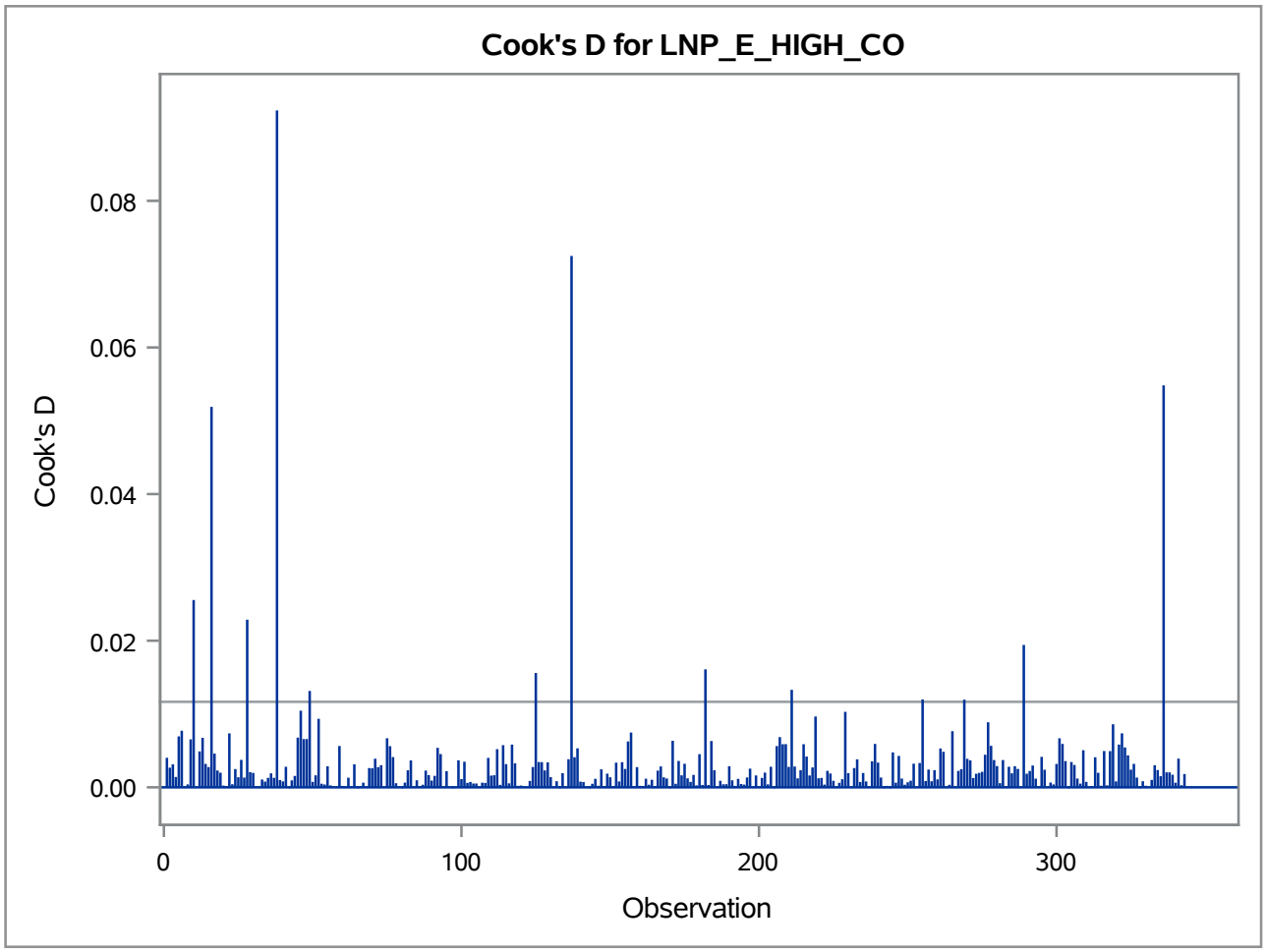
The REG Procedure
Model: MODEL1



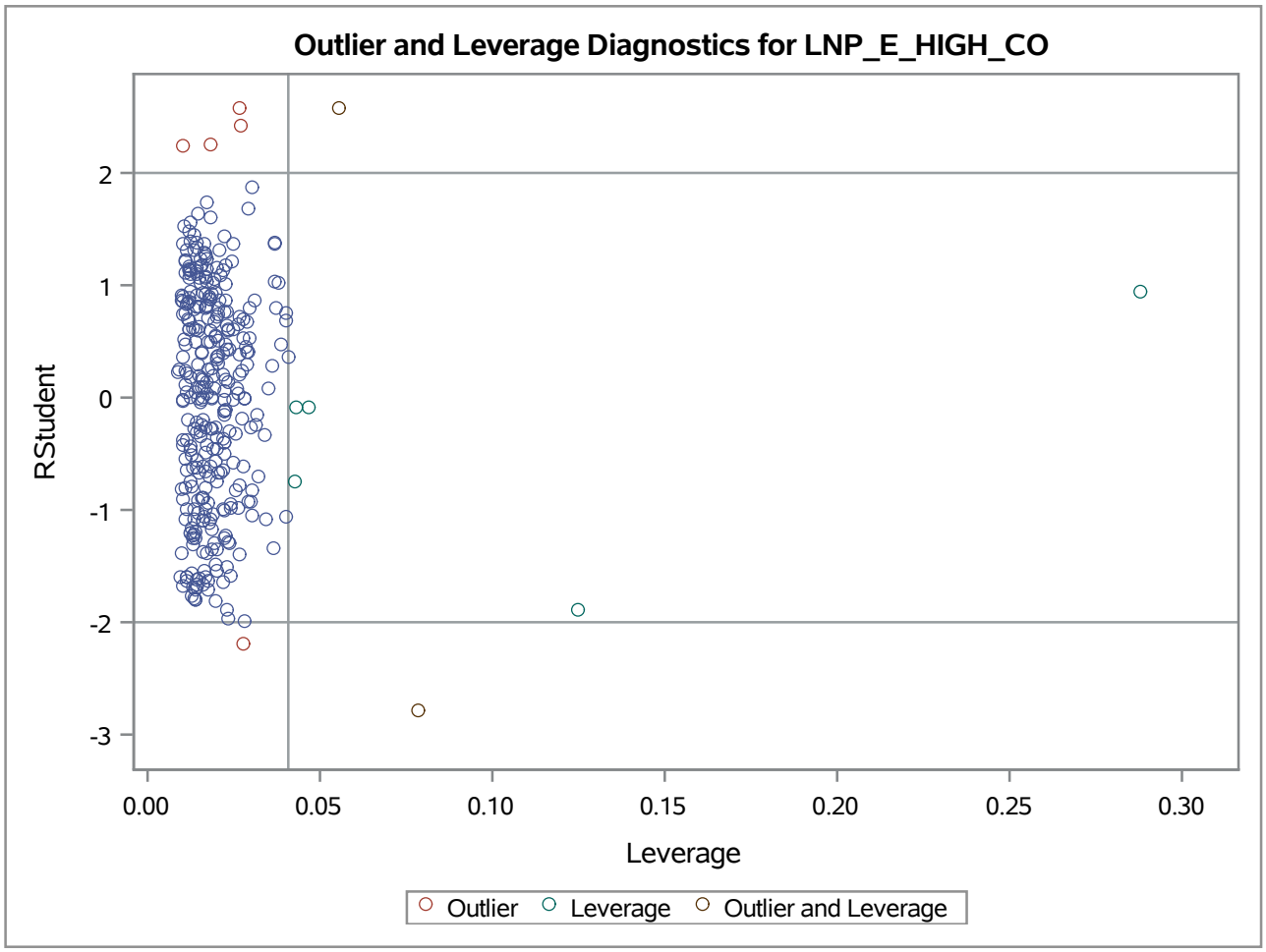
The REG Procedure
Model: MODEL1



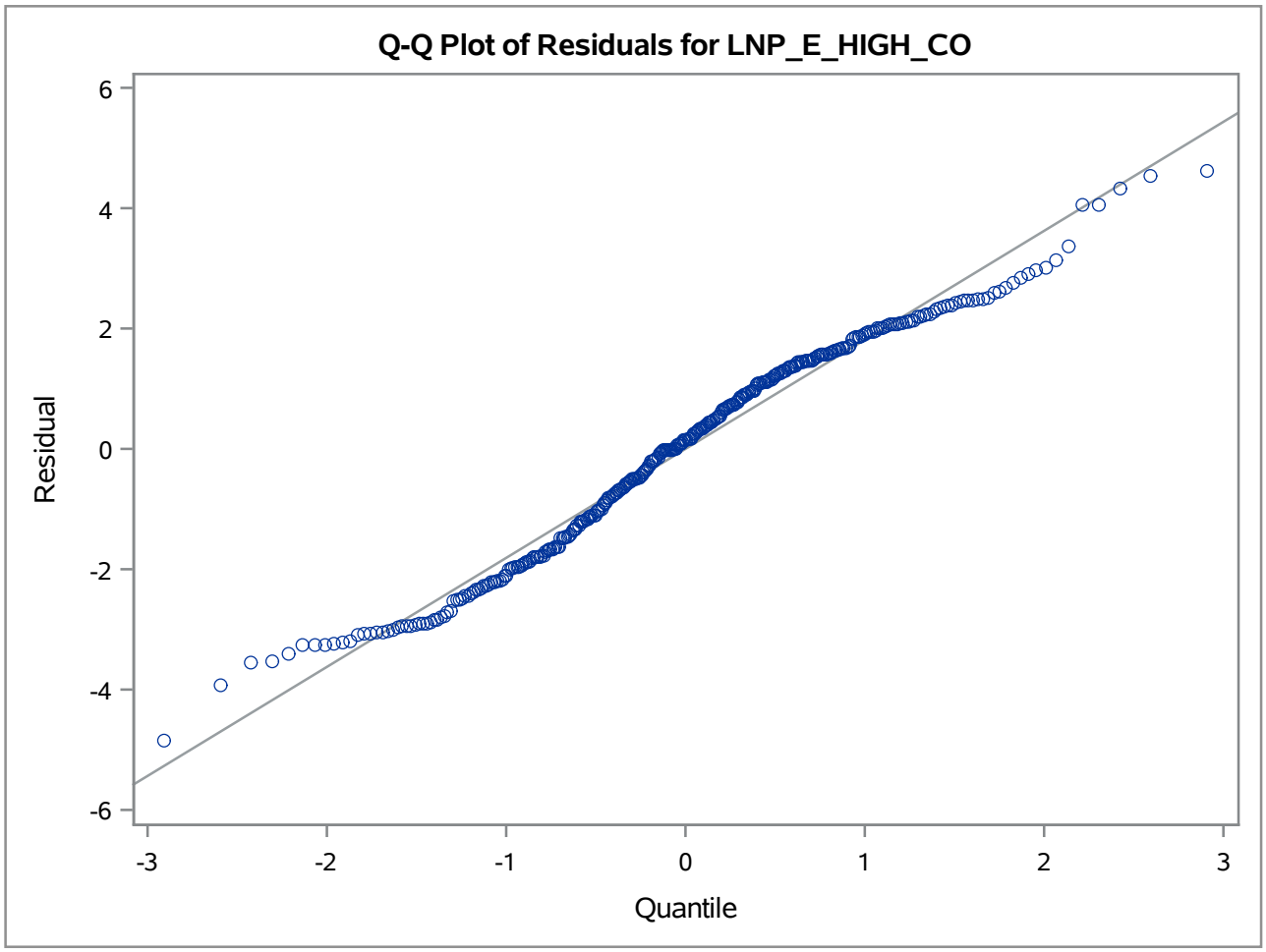
The REG Procedure
Model: MODEL1



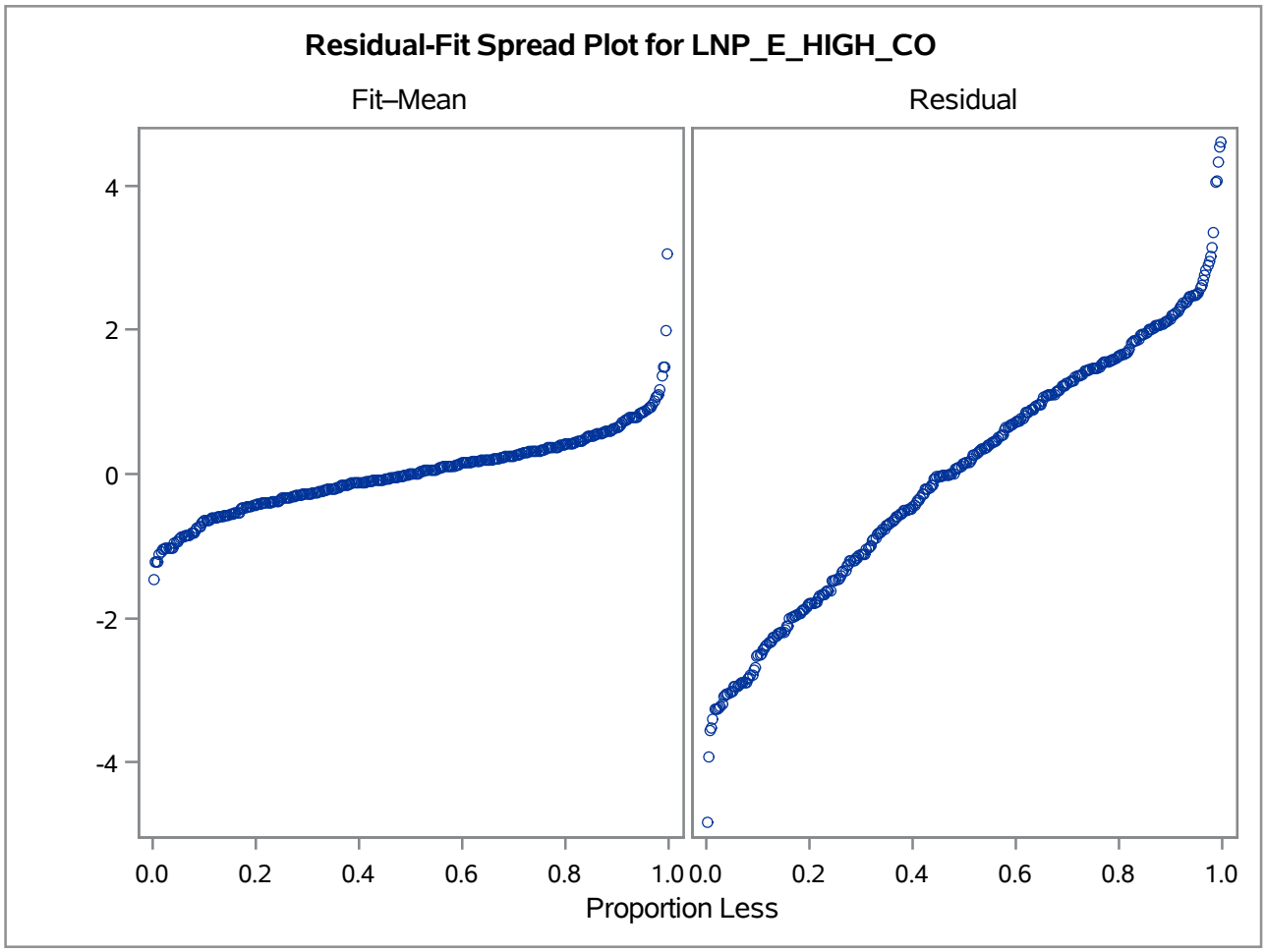
The REG Procedure
Model: MODEL1



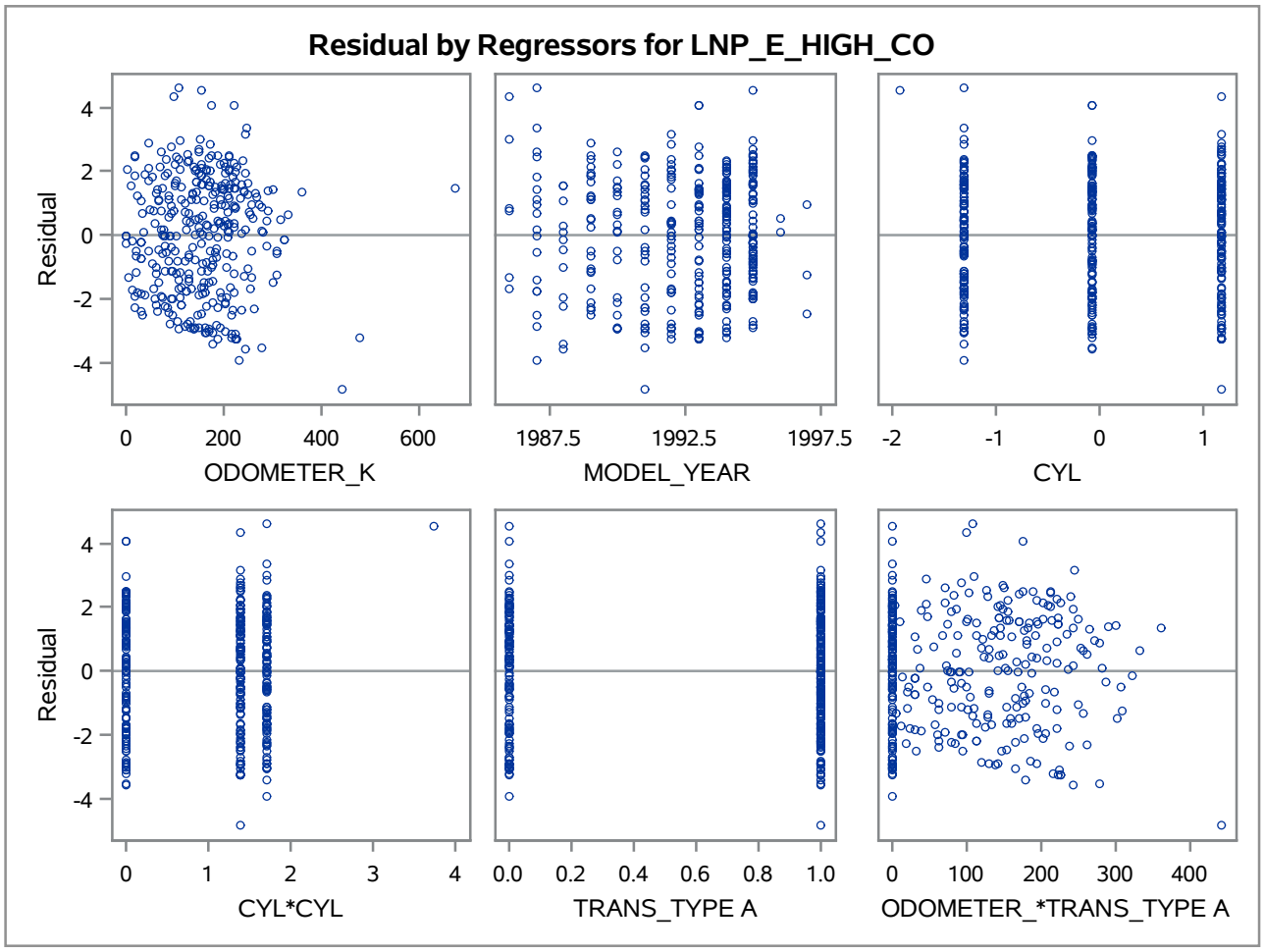
The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Number of Observations Read	343
Number of Observations Used	343

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	104.10936	17.35156	5.19	<.0001
Error	336	1122.68681	3.34133		
Corrected Total	342	1226.79617			

Root MSE	1.82793	**R-Square**	0.0849
Dependent Mean	-2.45480	**Adj R-Sq**	0.0685
Coeff Var	-74.46356		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	Intercept	1	167.89894	78.23668	2.15	0.0326
ODOMETER_K	ODOMETER_K	1	0.00504	0.00191	2.64	0.0086
MODEL_YEAR	MODEL_YEAR	1	-0.08590	0.03927	-2.19	0.0294
CYL	CYL	1	0.01591	0.10726	0.15	0.8822
CYL*CYL	CYL*CYL	1	0.16211	0.13211	1.23	0.2206
TRANS_TYPE A	TRANS_TYPE A	1	-0.43912	0.44488	-0.99	0.3243
ODOMETER_*TRANS_TYPE A	ODOMETER_*TRANS_TYPE A	1	0.00146	0.00245	0.59	0.5523

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
1	-0.02532	-2.3667	0.2355	2.3414	1.813	1.292	0.004
2	-0.57093	-2.4465	0.2397	1.8755	1.812	1.035	0.003
3	-4.19971	-2.2335	0.2473	-1.9662	1.811	-1.086	0.003
4	-1.80181	-3.2670	0.2231	1.4652	1.814	0.808	0.001
5	-5.29832	-2.5107	0.2590	-2.7876	1.809	-1.541	0.007
6	-5.29832	-2.7741	0.2994	-2.5242	1.803	-1.400	0.008
7	-2.25379	-2.7037	0.1751	0.4499	1.820	0.247	0.000
8	-3.35241	-2.7631	0.2920	-0.5893	1.804	-0.327	0.000
9	-5.29832	-2.2783	0.2328	-3.0200	1.813	-1.666	0.007
10	2.34132	-2.2698	0.2983	4.6111	1.803	2.557	0.026
11	-2.46510	-2.7213	0.2396	0.2562	1.812	0.141	0.000
12	-5.29832	-3.4108	0.3178	-1.8875	1.800	-1.049	0.005
13	-5.29832	-3.3917	0.3658	-1.9066	1.791	-1.065	0.007
14	-0.55339	-2.6957	0.2295	2.1424	1.813	1.181	0.003
15	0.05354	-1.3842	0.3136	1.4378	1.801	0.798	0.003
16	2.06496	0.6033	0.9810	1.4616	1.542	0.948	0.052
17	-0.55339	-2.6877	0.2745	2.1343	1.807	1.181	0.005
18	-0.62549	-2.8245	0.1901	2.1990	1.818	1.210	0.002
19	-0.60697	-2.1847	0.2453	1.5777	1.811	0.871	0.002
20	-1.15518	-1.5913	0.3018	0.4361	1.803	0.242	0.000
21	-3.68888	-3.1801	0.2113	-0.5087	1.816	-0.280	0.000
22	1.43865	-2.6095	0.1854	4.0481	1.819	2.226	0.007
23	-1.03564	-1.5357	0.3484	0.5001	1.794	0.279	0.000
24	-4.19971	-2.0931	0.2067	-2.1066	1.816	-1.160	0.002
25	-4.19971	-2.9981	0.2669	-1.2016	1.808	-0.664	0.001
26	-0.02532	-2.7060	0.1994	2.6807	1.817	1.475	0.004
27	-0.68320	-2.1453	0.2175	1.4621	1.815	0.806	0.001
28	2.07756	-2.2572	0.3001	4.3348	1.803	2.404	0.023
29	-1.06421	-2.6578	0.2478	1.5935	1.811	0.880	0.002
30	-0.76572	-2.7082	0.1994	1.9425	1.817	1.069	0.002
31	-1.80181	-1.8963	0.2161	0.0945	1.815	0.052	0.000
32	-3.35241	-2.9909	0.1988	-0.3615	1.817	-0.199	0.000
33	-3.68888	-2.4889	0.2364	-1.2000	1.813	-0.662	0.001

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
34	-2.00248	-2.9287	0.2615	0.9262	1.809	0.512	0.001
35	-0.72361	-1.5728	0.3592	0.8492	1.792	0.474	0.001
36	-0.78746	-2.1678	0.2731	1.3803	1.807	0.764	0.002
37	-1.00786	-2.5651	0.2020	1.5573	1.817	0.857	0.001
38	-5.29832	-0.4604	0.5117	-4.8379	1.755	-2.757	0.092
39	-4.19971	-2.8445	0.2024	-1.3553	1.817	-0.746	0.001
40	-1.44817	-2.8022	0.1836	1.3540	1.819	0.744	0.001
41	-5.29832	-3.3044	0.2310	-1.9939	1.813	-1.100	0.003
42	-3.10109	-3.0664	0.2735	-0.0347	1.807	-0.019	0.000
43	-1.53712	-2.6175	0.2472	1.0804	1.811	0.597	0.001
44	-3.35241	-2.2389	0.3040	-1.1135	1.802	-0.618	0.002
45	-0.09982	-2.5641	0.2880	2.4643	1.805	1.365	0.007
46	-0.57093	-3.0450	0.3517	2.4741	1.794	1.379	0.010
47	-5.29832	-2.0336	0.2166	-3.2647	1.815	-1.799	0.007
48	-5.29832	-2.0335	0.2166	-3.2648	1.815	-1.799	0.007
49	-5.29832	-1.7679	0.2803	-3.5305	1.806	-1.955	0.013
50	-1.18744	-2.2941	0.2144	1.1067	1.815	0.610	0.001
51	-3.35241	-2.0055	0.2597	-1.3469	1.809	-0.744	0.002
52	-5.29832	-2.0315	0.2564	-3.2668	1.810	-1.805	0.009
53	-0.95451	-1.8480	0.2155	0.8935	1.815	0.492	0.000
54	-2.90042	-2.2461	0.2596	-0.6543	1.809	-0.362	0.000
55	-5.29832	-3.0923	0.2119	-2.2060	1.816	-1.215	0.003
56	-3.35241	-2.5920	0.1861	-0.7604	1.818	-0.418	0.000
57	-2.46510	-2.6664	0.1925	0.2013	1.818	0.111	0.000
58	-2.25379	-2.4052	0.3417	0.1514	1.796	0.084	0.000
59	-5.29832	-2.3832	0.2243	-2.9151	1.814	-1.607	0.006
60	-2.25379	-2.7922	0.2221	0.5384	1.814	0.297	0.000
61	-2.59027	-2.1917	0.2187	-0.3986	1.815	-0.220	0.000
62	-1.49165	-2.7842	0.2431	1.2925	1.812	0.713	0.001
63	-2.00248	-2.4009	0.1954	0.3984	1.817	0.219	0.000
64	-1.49165	-3.4044	0.2539	1.9128	1.810	1.057	0.003
65	-3.10109	-3.0876	0.2201	-0.0135	1.815	-0.007	0.000
66	-1.93102	-2.2752	0.2523	0.3442	1.810	0.190	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
67	-1.74297	-2.8412	0.2004	1.0982	1.817	0.604	0.001
68	-3.68888	-3.5001	0.2756	-0.1888	1.807	-0.104	0.000
69	-5.29832	-3.0990	0.2035	-2.1993	1.817	-1.211	0.003
70	-0.24207	-2.2707	0.2188	2.0287	1.815	1.118	0.003
71	-1.44817	-3.5320	0.2596	2.0838	1.809	1.152	0.004
72	-0.13353	-2.6090	0.1854	2.4754	1.819	1.361	0.003
73	-0.33547	-2.4484	0.2264	2.1130	1.814	1.165	0.003
74	-3.68888	-3.4773	0.2732	-0.2116	1.807	-0.117	0.000
75	-5.29832	-2.3486	0.2409	-2.9497	1.812	-1.628	0.007
76	-0.24207	-3.2014	0.2205	2.9594	1.815	1.631	0.006
77	-5.29832	-2.2572	0.1848	-3.0411	1.819	-1.672	0.004
78	-2.07944	-2.7629	0.2983	0.6835	1.803	0.379	0.001
79	-1.68740	-1.9696	0.2748	0.2822	1.807	0.156	0.000
80	-3.68888	-3.6728	0.3071	-0.0161	1.802	-0.009	0.000
81	-3.35241	-2.3381	0.2174	-1.0144	1.815	-0.559	0.001
82	-0.78746	-2.6424	0.2261	1.8549	1.814	1.023	0.002
83	-0.37834	-2.3449	0.2664	1.9666	1.808	1.087	0.004
84	-2.00248	-2.3464	0.2251	0.3439	1.814	0.190	0.000
85	-4.19971	-2.7170	0.1830	-1.4827	1.819	-0.815	0.001
86	-2.16282	-2.5693	0.1715	0.4065	1.820	0.223	0.000
87	-3.68888	-2.8901	0.2039	-0.7988	1.817	-0.440	0.000
88	-0.45413	-2.0282	0.2628	1.5741	1.809	0.870	0.002
89	-0.18032	-1.3588	0.2972	1.1784	1.804	0.653	0.002
90	-3.68888	-2.6659	0.2569	-1.0230	1.810	-0.565	0.001
91	-0.85567	-2.3031	0.2376	1.4474	1.812	0.799	0.002
92	-5.29832	-2.2362	0.2091	-3.0621	1.816	-1.686	0.005
93	-5.29832	-2.4632	0.2073	-2.8351	1.816	-1.561	0.005
94	-1.86433	-1.9336	0.2975	0.0693	1.804	0.038	0.000
95	-0.13353	-2.1385	0.2045	2.0049	1.816	1.104	0.002
96	-2.73337	-2.8305	0.2737	0.0971	1.807	0.054	0.000
97	-2.90042	-2.8887	0.2494	-0.0117	1.811	-0.006	0.000
98	-1.80181	-2.1385	0.2045	0.3366	1.816	0.185	0.000
99	-4.19971	-2.5299	0.3121	-1.6698	1.801	-0.927	0.004

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
100	-1.12393	-2.6367	0.1937	1.5128	1.818	0.832	0.001
101	-5.29832	-2.4060	0.1788	-2.8923	1.819	-1.590	0.003
102	-3.68888	-2.8642	0.2590	-0.8247	1.809	-0.456	0.001
103	-1.53712	-2.6661	0.2092	1.1290	1.816	0.622	0.001
104	-4.19971	-3.4773	0.2732	-0.7224	1.807	-0.400	0.001
105	-4.19971	-3.4773	0.2732	-0.7224	1.807	-0.400	0.001
106	-1.58475	-1.8943	0.2280	0.3095	1.814	0.171	0.000
107	-1.63476	-2.7347	0.1996	1.0999	1.817	0.605	0.001
108	-4.19971	-3.3061	0.2383	-0.8936	1.812	-0.493	0.001
109	-0.42312	-2.7380	0.2379	2.3149	1.812	1.277	0.004
110	-4.19971	-2.7380	0.2379	-1.4617	1.812	-0.807	0.002
111	-0.32158	-1.6658	0.2613	1.3442	1.809	0.743	0.002
112	0.21107	-2.1590	0.2635	2.3700	1.809	1.310	0.005
113	-1.74297	-2.3555	0.2589	0.6125	1.810	0.338	0.000
114	-5.29832	-2.2828	0.2190	-3.0155	1.815	-1.662	0.006
115	-5.29832	-3.5047	0.2711	-1.7936	1.808	-0.992	0.003
116	-2.16282	-1.5732	0.3375	-0.5897	1.797	-0.328	0.001
117	-4.19971	-1.8593	0.2815	-2.3404	1.806	-1.296	0.006
118	-5.29832	-2.9194	0.2097	-2.3790	1.816	-1.310	0.003
119	-3.35241	-2.8547	0.2473	-0.4977	1.811	-0.275	0.000
120	-3.68888	-2.9912	0.1957	-0.6977	1.817	-0.384	0.000
121	-3.68888	-3.3189	0.2326	-0.3700	1.813	-0.204	0.000
122	-1.58475	-1.7281	0.2953	0.1434	1.804	0.079	0.000
123	-1.15518	-2.3034	0.2236	1.1482	1.814	0.633	0.001
124	-5.29832	-2.7877	0.1834	-2.5106	1.819	-1.380	0.003
125	2.07380	-1.2826	0.3189	3.3564	1.800	1.865	0.016
126	-4.19971	-2.4195	0.2846	-1.7802	1.806	-0.986	0.003
127	-1.68740	-3.2479	0.3217	1.5605	1.799	0.867	0.003
128	-4.19971	-2.2375	0.2132	-1.9622	1.815	-1.081	0.002
129	-0.33547	-2.8505	0.2027	2.5150	1.817	1.384	0.003
130	-0.90387	-2.5131	0.2017	1.6092	1.817	0.886	0.001
131	-1.12393	-0.9619	0.3948	-0.1621	1.785	-0.091	0.000
132	-1.15518	-2.4251	0.1983	1.2699	1.817	0.699	0.001

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
133	-2.59027	-2.5639	0.1859	-0.0264	1.818	-0.015	0.000
134	-4.19971	-2.3966	0.2127	-1.8031	1.816	-0.993	0.002
135	-1.74297	-1.5928	0.3791	-0.1502	1.788	-0.084	0.000
136	0.02469	-2.2121	0.2404	2.2368	1.812	1.234	0.004
137	-4.19971	-0.9766	0.6462	-3.2231	1.710	-1.885	0.072
138	-5.29832	-2.3987	0.1932	-2.8996	1.818	-1.595	0.004
139	-0.11093	-2.3030	0.2869	2.1921	1.805	1.214	0.005
140	-1.49165	-2.5841	0.2220	1.0925	1.814	0.602	0.001
141	-0.92887	-1.6700	0.3105	0.7412	1.801	0.411	0.001
142	-2.16282	-2.2549	0.1963	0.0921	1.817	0.051	0.000
143	-2.90042	-2.9038	0.2046	0.003382	1.816	0.002	0.000
144	-3.68888	-2.7558	0.2056	-0.9331	1.816	-0.514	0.000
145	-4.19971	-2.7558	0.2056	-1.4439	1.816	-0.795	0.001
146	-3.68888	-3.1894	0.2500	-0.4995	1.811	-0.276	0.000
147	-0.66359	-2.5990	0.2230	1.9355	1.814	1.067	0.002
148	-2.73337	-3.0986	0.2995	0.3652	1.803	0.203	0.000
149	-3.68888	-2.0600	0.2305	-1.6289	1.813	-0.898	0.002
150	-0.92887	-2.0805	0.2775	1.1516	1.807	0.637	0.001
151	-1.53712	-1.9095	0.2703	0.3724	1.808	0.206	0.000
152	-0.05657	-1.8813	0.2746	1.8247	1.807	1.010	0.003
153	-0.43850	-1.0883	0.3692	0.6498	1.790	0.363	0.001
154	-0.13353	-1.4882	0.3667	1.3546	1.791	0.756	0.003
155	-0.92887	-2.6117	0.2576	1.6828	1.810	0.930	0.003
156	-5.29832	-2.4020	0.2373	-2.8964	1.812	-1.598	0.006
157	1.31775	-1.8237	0.2390	3.1414	1.812	1.733	0.007
158	-2.90042	-2.4616	0.2292	-0.4388	1.814	-0.242	0.000
159	-0.43850	-2.5312	0.2184	2.0927	1.815	1.153	0.003
160	-3.68888	-3.1361	0.2253	-0.5528	1.814	-0.305	0.000
161	-2.59027	-2.1031	0.2380	-0.4872	1.812	-0.269	0.000
162	-1.22078	-2.8481	0.1842	1.6273	1.819	0.895	0.001
163	-0.92887	-1.4489	0.3110	0.5200	1.801	0.289	0.000
164	-4.19971	-2.7291	0.1906	-1.4706	1.818	-0.809	0.001
165	-1.86433	-1.5346	0.3020	-0.3297	1.803	-0.183	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
166	-0.07796	-2.1382	0.2024	2.0603	1.817	1.134	0.002
167	-4.19971	-2.0289	0.2144	-2.1708	1.815	-1.196	0.003
168	-0.66359	-2.1372	0.2186	1.4736	1.815	0.812	0.001
169	-1.03564	-2.5692	0.1976	1.5335	1.817	0.844	0.001
170	-3.35241	-3.3238	0.2285	-0.0286	1.814	-0.016	0.000
171	-5.29832	-2.6057	0.2564	-2.6926	1.810	-1.488	0.006
172	-3.68888	-2.6883	0.1917	-1.0006	1.818	-0.550	0.000
173	-4.19971	-2.8564	0.3777	-1.3433	1.788	-0.751	0.004
174	-0.68320	-2.1567	0.2384	1.4735	1.812	0.813	0.002
175	-5.29832	-3.5771	0.2841	-1.7212	1.806	-0.953	0.003
176	-0.60697	-2.0339	0.2139	1.4269	1.815	0.786	0.001
177	-4.19971	-3.0742	0.2101	-1.1255	1.816	-0.620	0.001
178	-1.00786	-2.4968	0.2401	1.4889	1.812	0.822	0.002
179	-3.10109	-2.4763	0.2263	-0.6248	1.814	-0.344	0.000
180	0.55101	-1.9333	0.2352	2.4843	1.813	1.370	0.005
181	-2.16282	-1.6151	0.2827	-0.5477	1.806	-0.303	0.000
182	-5.29832	-1.7359	0.3060	-3.5625	1.802	-1.977	0.016
183	-2.16282	-1.6760	0.3163	-0.4868	1.800	-0.270	0.000
184	-5.29832	-2.0546	0.2136	-3.2437	1.815	-1.787	0.006
185	-0.06721	-2.1287	0.2042	2.0615	1.816	1.135	0.002
186	-2.16282	-2.0856	0.2276	-0.0772	1.814	-0.043	0.000
187	-1.86433	-2.8688	0.2567	1.0045	1.810	0.555	0.001
188	-2.25379	-2.9287	0.2615	0.6749	1.809	0.373	0.000
189	-3.68888	-3.0247	0.2700	-0.6642	1.808	-0.367	0.000
190	-5.29832	-3.0739	0.2101	-2.2245	1.816	-1.225	0.003
191	-3.68888	-2.4828	0.2229	-1.2061	1.814	-0.665	0.001
192	-2.07944	-2.7447	0.1841	0.6652	1.819	0.366	0.000
193	-1.12393	-2.0794	0.3054	0.9555	1.802	0.530	0.001
194	-3.10109	-2.3326	0.2401	-0.7685	1.812	-0.424	0.000
195	-1.80181	-2.5379	0.2289	0.7361	1.814	0.406	0.000
196	-4.19971	-3.0246	0.2700	-1.1751	1.808	-0.650	0.001
197	-4.19971	-2.7150	0.2927	-1.4847	1.804	-0.823	0.003
198	-1.44817	-1.7042	0.2790	0.2560	1.807	0.142	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
199	-0.40797	-2.1287	0.2042	1.7207	1.816	0.947	0.002
200	-2.35388	-2.2880	0.1861	-0.0659	1.818	-0.036	0.000
201	-3.10109	-1.8297	0.2443	-1.2714	1.812	-0.702	0.001
202	-1.44817	-2.7377	0.2988	1.2895	1.803	0.715	0.002
203	-1.63476	-2.5758	0.1869	0.9410	1.818	0.517	0.000
204	-5.29832	-3.3157	0.2323	-1.9826	1.813	-1.093	0.003
205	-2.59027	-2.5641	0.2880	-0.0262	1.805	-0.015	0.000
206	-4.19971	-1.8747	0.2786	-2.3250	1.807	-1.287	0.006
207	0.03440	-2.8608	0.2480	2.8952	1.811	1.599	0.007
208	-5.29832	-2.2036	0.2160	-3.0947	1.815	-1.705	0.006
209	-1.18744	-3.0449	0.3517	1.8575	1.794	1.036	0.006
210	-1.80181	-3.0269	0.3657	1.2251	1.791	0.684	0.003
211	1.87103	-2.1909	0.2464	4.0619	1.811	2.243	0.013
212	-0.05657	-2.0072	0.2372	1.9507	1.812	1.076	0.003
213	-0.85567	-1.8114	0.3140	0.9557	1.801	0.531	0.001
214	-0.53614	-2.2092	0.2503	1.6731	1.811	0.924	0.002
215	-5.29832	-2.2436	0.2187	-3.0547	1.815	-1.683	0.006
216	-5.29832	-2.4010	0.1954	-2.8973	1.817	-1.594	0.004
217	-4.19971	-2.4010	0.1954	-1.7987	1.817	-0.990	0.002
218	-5.29832	-3.3664	0.2343	-1.9319	1.813	-1.066	0.003
219	-5.29832	-2.9028	0.3494	-2.3955	1.794	-1.335	0.010
220	-2.59027	-1.5387	0.2877	-1.0516	1.805	-0.583	0.001
221	-0.78746	-2.0032	0.2553	1.2158	1.810	0.672	0.001
222	-1.36649	-2.0123	0.2587	0.6458	1.810	0.357	0.000
223	-4.19971	-2.4979	0.2419	-1.7018	1.812	-0.939	0.002
224	-4.19971	-2.5747	0.2323	-1.6250	1.813	-0.896	0.002
225	-3.68888	-2.5747	0.2323	-1.1142	1.813	-0.615	0.001
226	-1.86433	-2.0031	0.2553	0.1387	1.810	0.077	0.000
227	-1.80181	-2.5728	0.2776	0.7709	1.807	0.427	0.001
228	-1.12393	-2.6833	0.1862	1.5593	1.818	0.858	0.001
229	-0.58879	-3.0449	0.3517	2.4561	1.794	1.369	0.010
230	-1.06421	-2.2796	0.3102	1.2154	1.801	0.675	0.002
231	-2.73337	-2.4618	0.2721	-0.2715	1.808	-0.150	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
232	-5.29832	-3.0989	0.2035	-2.1994	1.817	-1.211	0.003
233	-3.35241	-1.6772	0.3162	-1.6752	1.800	-0.930	0.004
234	-1.80181	-2.5398	0.3128	0.7380	1.801	0.410	0.001
235	-0.90387	-2.9149	0.1921	2.0110	1.818	1.106	0.002
236	-4.19971	-3.0714	0.2185	-1.1283	1.815	-0.622	0.001
237	-2.00248	-2.4436	0.1922	0.4411	1.818	0.243	0.000
238	-1.03564	-2.4701	0.3534	1.4344	1.793	0.800	0.004
239	-4.19971	-2.2574	0.3381	-1.9423	1.796	-1.081	0.006
240	-0.74444	-3.1217	0.2129	2.3773	1.815	1.309	0.003
241	-4.19971	-2.9934	0.2622	-1.2063	1.809	-0.667	0.001
242	-3.68888	-3.6728	0.3071	-0.0161	1.802	-0.009	0.000
243	-2.90042	-2.3381	0.2174	-0.5624	1.815	-0.310	0.000
244	-3.68888	-3.6728	0.3071	-0.0161	1.802	-0.009	0.000
245	-4.19971	-1.8566	0.2553	-2.3431	1.810	-1.295	0.005
246	-1.15518	-2.0539	0.2428	0.8987	1.812	0.496	0.001
247	-5.29832	-2.3446	0.1936	-2.9537	1.818	-1.625	0.004
248	-1.80181	-2.8719	0.2786	1.0701	1.807	0.592	0.001
249	-1.80181	-2.6556	0.1929	0.8537	1.818	0.470	0.000
250	-4.19971	-3.0296	0.1961	-1.1701	1.817	-0.644	0.001
251	-1.29098	-2.6503	0.1931	1.3593	1.818	0.748	0.001
252	-0.68320	-2.7506	0.2386	2.0674	1.812	1.141	0.003
253	-3.68888	-3.4773	0.2732	-0.2116	1.807	-0.117	0.000
254	-5.29832	-3.4773	0.2732	-1.8210	1.807	-1.008	0.003
255	1.33632	-1.6776	0.3118	3.0140	1.801	1.673	0.012
256	-2.07944	-2.8908	0.3091	0.8113	1.802	0.450	0.001
257	-3.68888	-2.2697	0.2983	-1.4192	1.803	-0.787	0.002
258	-1.53712	-2.7880	0.2005	1.2509	1.817	0.688	0.001
259	-3.35241	-2.0887	0.3275	-1.2637	1.798	-0.703	0.002
260	-0.72361	-2.3052	0.1821	1.5816	1.819	0.870	0.001
261	-5.29832	-2.8642	0.2590	-2.4341	1.809	-1.345	0.005
262	-5.29832	-2.7819	0.2404	-2.5164	1.812	-1.389	0.005
263	-2.35388	-2.5169	0.2356	0.1630	1.813	0.090	0.000
264	-1.18744	-1.8943	0.2280	0.7068	1.814	0.390	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
265	-5.29832	-2.5753	0.2775	-2.7231	1.807	-1.507	0.008
266	-4.19971	-3.9161	0.3264	-0.2836	1.799	-0.158	0.000
267	-0.66359	-2.7347	0.1996	2.0711	1.817	1.140	0.002
268	-0.39304	-1.9529	0.2755	1.5598	1.807	0.863	0.002
269	-5.29832	-1.9009	0.2780	-3.3974	1.807	-1.880	0.012
270	-0.04604	-2.5395	0.2178	2.4935	1.815	1.374	0.004
271	-0.11093	-2.5395	0.2178	2.4286	1.815	1.338	0.004
272	-1.44817	-2.5482	0.2796	1.1001	1.806	0.609	0.001
273	-4.19971	-2.2352	0.1912	-1.9645	1.818	-1.081	0.002
274	-0.48613	-1.8621	0.2781	1.3760	1.807	0.762	0.002
275	-0.66359	-2.2974	0.2442	1.6338	1.812	0.902	0.002
276	-4.19971	-1.7073	0.2326	-2.4924	1.813	-1.375	0.004
277	-5.29832	-2.4466	0.2849	-2.8517	1.806	-1.579	0.009
278	-5.29832	-2.5022	0.2339	-2.7961	1.813	-1.542	0.006
279	-4.19971	-2.0860	0.2503	-2.1137	1.811	-1.167	0.004
280	-0.28104	-2.1396	0.2510	1.8586	1.811	1.026	0.003
281	-3.68888	-2.8709	0.2516	-0.8180	1.811	-0.452	0.001
282	-3.68888	-1.9126	0.2955	-1.7763	1.804	-0.985	0.004
283	-1.74297	-2.2022	0.2411	0.4592	1.812	0.253	0.000
284	-0.43850	-2.3707	0.2382	1.9321	1.812	1.066	0.003
285	-0.62549	-2.0683	0.2620	1.4428	1.809	0.798	0.002
286	-0.07796	-2.4704	0.1961	2.3924	1.817	1.316	0.003
287	-0.53614	-2.5393	0.2179	2.0032	1.815	1.104	0.003
288	-3.68888	-3.4773	0.2732	-0.2116	1.807	-0.117	0.000
289	-5.29832	-1.3696	0.3048	-3.9287	1.802	-2.180	0.019
290	-4.19971	-2.5762	0.2310	-1.6235	1.813	-0.895	0.002
291	-4.19971	-2.3443	0.2215	-1.8554	1.814	-1.023	0.002
292	-4.19971	-1.9259	0.2093	-2.2738	1.816	-1.252	0.003
293	-1.00786	-2.6577	0.1824	1.6498	1.819	0.907	0.001
294	-2.00248	-2.2913	0.2311	0.2888	1.813	0.159	0.000
295	-1.25527	-3.3104	0.2711	2.0551	1.808	1.137	0.004
296	-0.39304	-2.5138	0.2016	2.1208	1.817	1.167	0.002
297	-2.07944	-2.1449	0.2397	0.0654	1.812	0.036	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

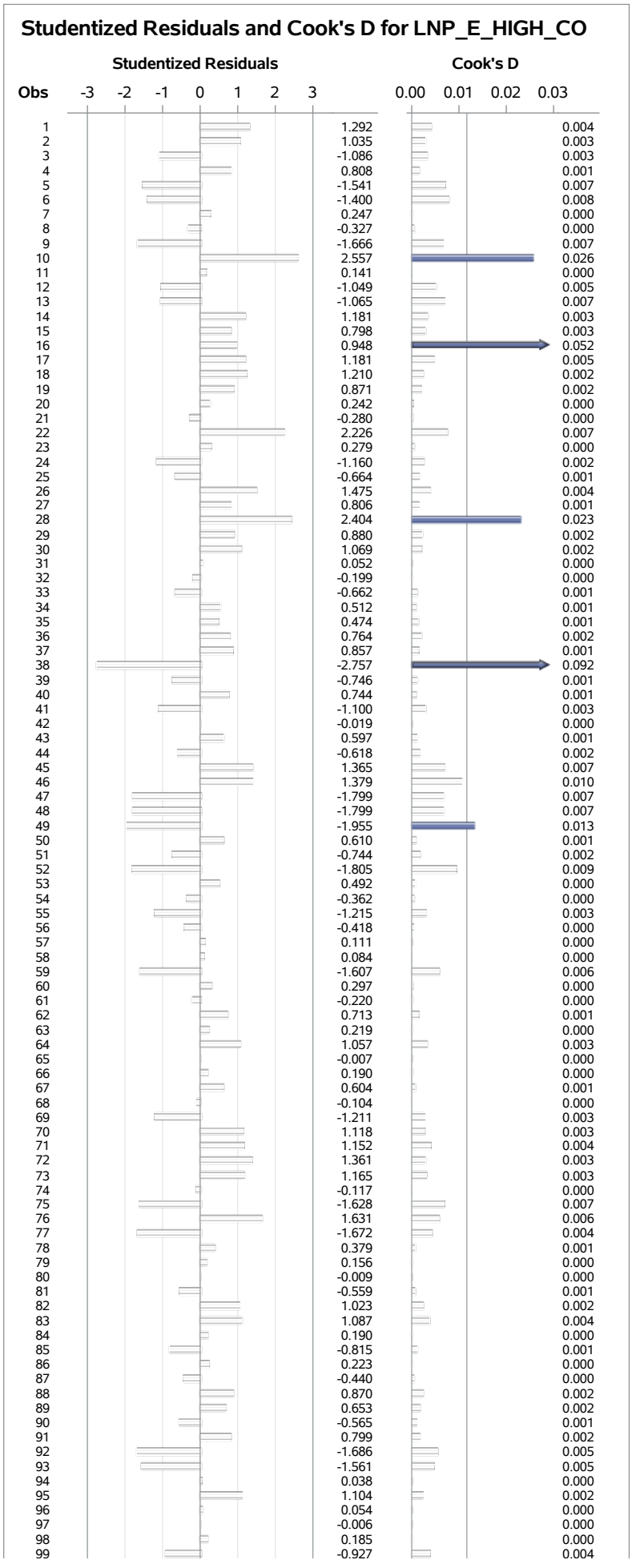
Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
298	-1.29098	-2.1828	0.2478	0.8919	1.811	0.492	0.001
299	-3.68888	-2.8426	0.2043	-0.8463	1.816	-0.466	0.000
300	-5.29832	-3.0206	0.2161	-2.2778	1.815	-1.255	0.003
301	0.57942	-2.0116	0.2728	2.5910	1.807	1.434	0.007
302	-0.42312	-2.2559	0.3569	1.8328	1.793	1.022	0.006
303	-0.13353	-2.9007	0.1890	2.7672	1.818	1.522	0.004
304	-3.35241	-3.3495	0.2319	-0.002884	1.813	-0.002	0.000
305	0.00499	-2.2406	0.2277	2.2456	1.814	1.238	0.003
306	-3.10109	-1.6118	0.3179	-1.4893	1.800	-0.827	0.003
307	-4.19971	-2.5506	0.1836	-1.6491	1.819	-0.907	0.001
308	-1.22078	-1.9331	0.2711	0.7123	1.808	0.394	0.000
309	-5.29832	-3.0415	0.2725	-2.2568	1.808	-1.249	0.005
310	-0.92887	-1.7857	0.2742	0.8569	1.807	0.474	0.001
311	-2.00248	-2.1656	0.2283	0.1632	1.814	0.090	0.000
312	-1.74297	-2.2167	0.2503	0.4737	1.811	0.262	0.000
313	-0.16842	-2.7807	0.2138	2.6123	1.815	1.439	0.004
314	-0.55339	-1.8061	0.3051	1.2527	1.802	0.695	0.002
315	-2.90042	-2.2173	0.1858	-0.6831	1.818	-0.376	0.000
316	-4.19971	-1.9833	0.2742	-2.2164	1.807	-1.226	0.005
317	-2.46510	-3.0113	0.2604	0.5462	1.809	0.302	0.000
318	-5.29832	-2.8455	0.2486	-2.4528	1.811	-1.354	0.005
319	-5.29832	-2.3415	0.2711	-2.9568	1.808	-1.636	0.009
320	-3.35241	-2.4487	0.2719	-0.9037	1.808	-0.500	0.001
321	-5.29832	-2.0952	0.2080	-3.2032	1.816	-1.764	0.006
322	-5.29832	-2.2171	0.2419	-3.0812	1.812	-1.701	0.007
323	-5.29832	-2.3604	0.2187	-2.9380	1.815	-1.619	0.005
324	0.73955	-2.0935	0.2036	2.8331	1.817	1.560	0.004
325	-4.19971	-2.4020	0.2373	-1.7977	1.812	-0.992	0.002
326	-5.29832	-3.2836	0.2438	-2.0147	1.812	-1.112	0.003
327	-1.44817	-2.5372	0.2887	1.0890	1.805	0.603	0.001
328	-2.73337	-2.7423	0.2502	0.008883	1.811	0.005	0.000
329	-0.70320	-1.6721	0.2573	0.9689	1.810	0.535	0.001
330	-2.16282	-1.6720	0.2574	-0.4908	1.810	-0.271	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
331	-3.10109	-3.2734	0.2240	0.1723	1.814	0.095	0.000
332	-3.68888	-2.5746	0.2471	-1.1143	1.811	-0.615	0.001
333	-4.19971	-2.3132	0.2523	-1.8865	1.810	-1.042	0.003
334	0.05354	-2.1581	0.1918	2.2117	1.818	1.217	0.002
335	-0.57093	-1.8670	0.2600	1.2961	1.809	0.716	0.002
336	2.41189	-2.1310	0.4304	4.5429	1.777	2.557	0.055
337	-1.25527	-2.9414	0.2329	1.6861	1.813	0.930	0.002
338	-0.68320	-2.3465	0.2359	1.6633	1.813	0.918	0.002
339	-0.48613	-2.1372	0.2185	1.6510	1.815	0.910	0.002
340	-2.25379	-3.0220	0.2812	0.7682	1.806	0.425	0.001
341	-0.21691	-2.5005	0.2381	2.2836	1.812	1.260	0.004
342	-2.73337	-2.2867	0.3248	-0.4467	1.799	-0.248	0.000
343	-4.19971	-2.5307	0.2221	-1.6690	1.814	-0.920	0.002

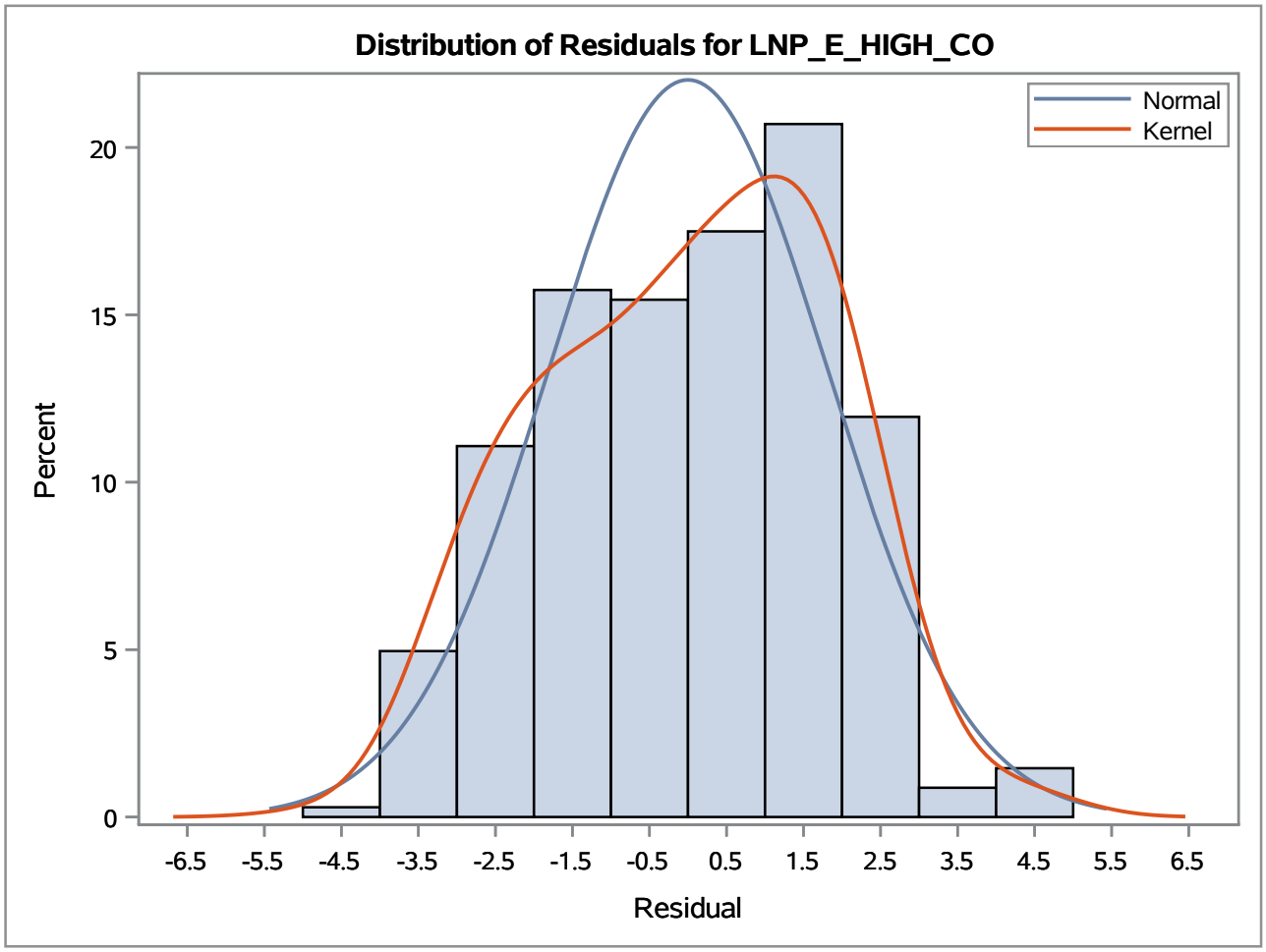
The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

Continuing contents of page 40, which would not fit on a single physical page

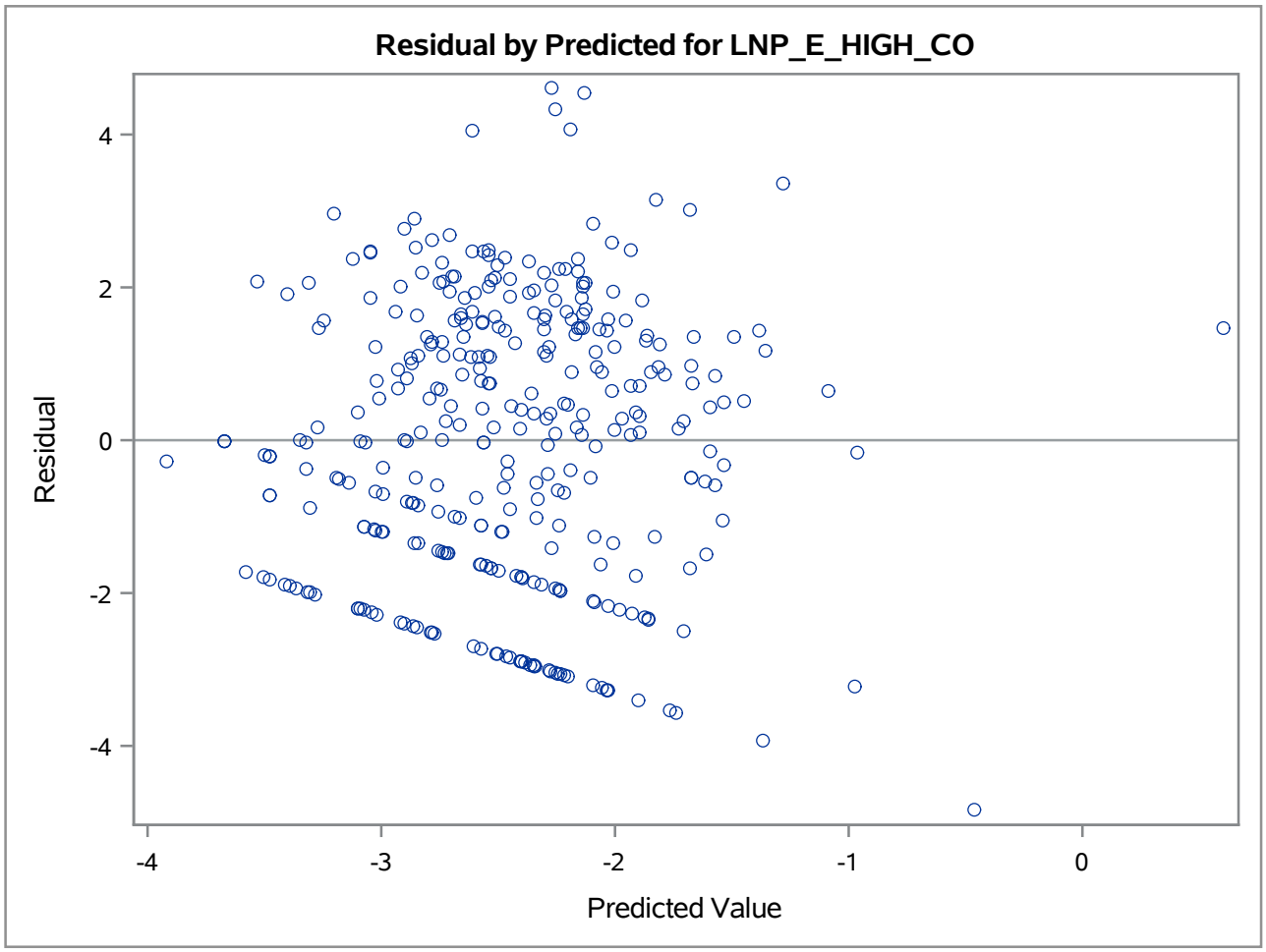


The REG Procedure
Model: MODEL1
Dependent Variable: LNP_E_HIGH_CO

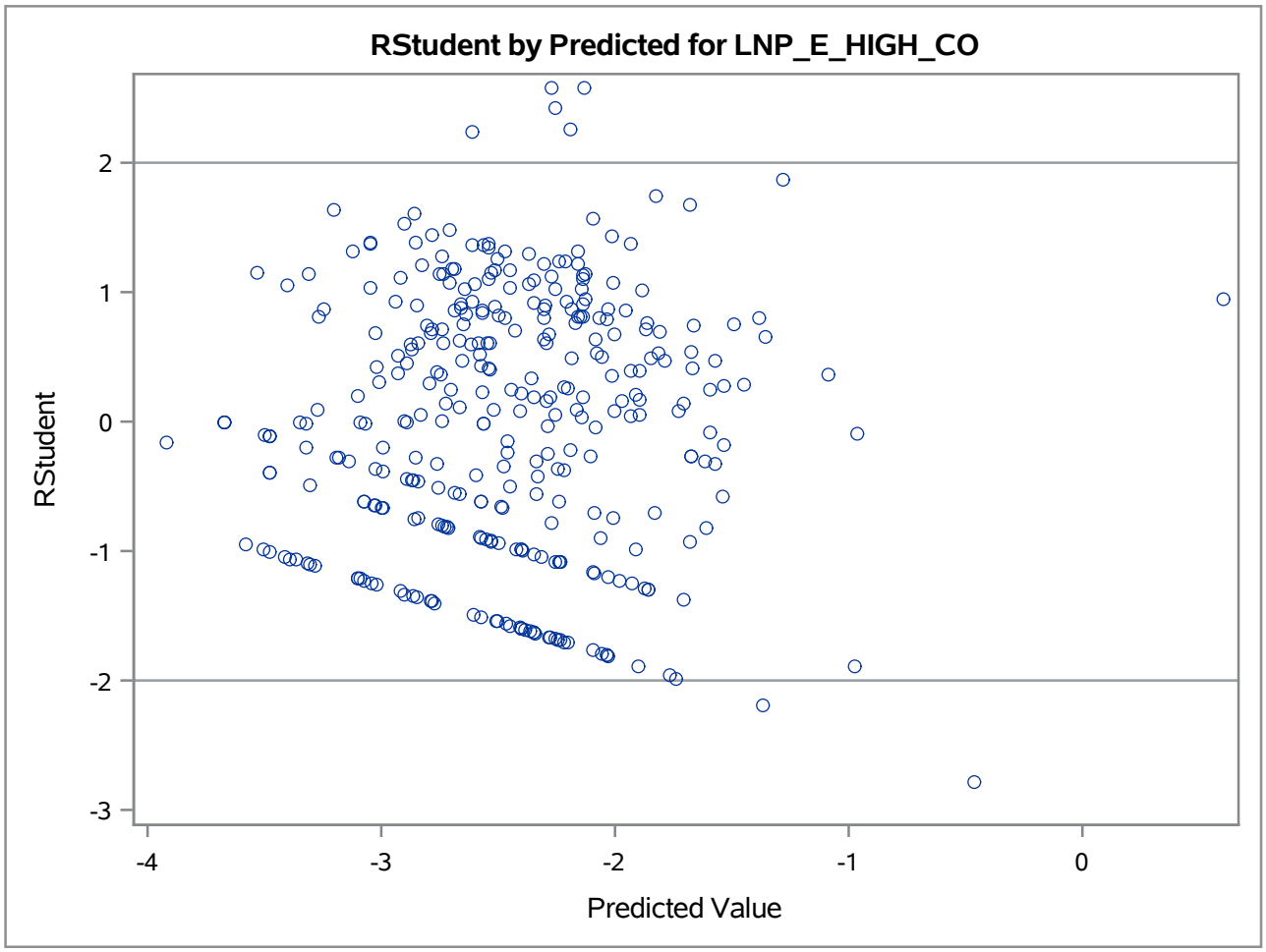
Sum of Residuals	0
Sum of Squared Residuals	1122.68681
Predicted Residual SS (PRESS)	1174.97865



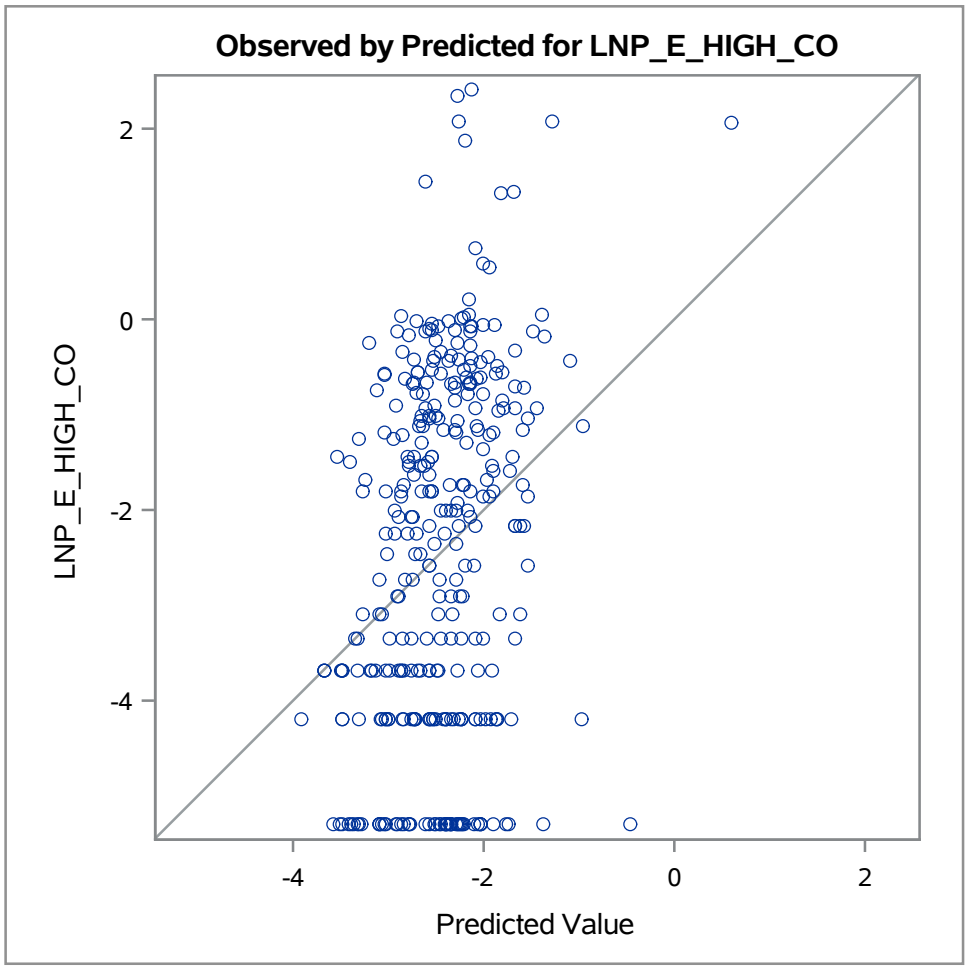
The REG Procedure
Model: MODEL1



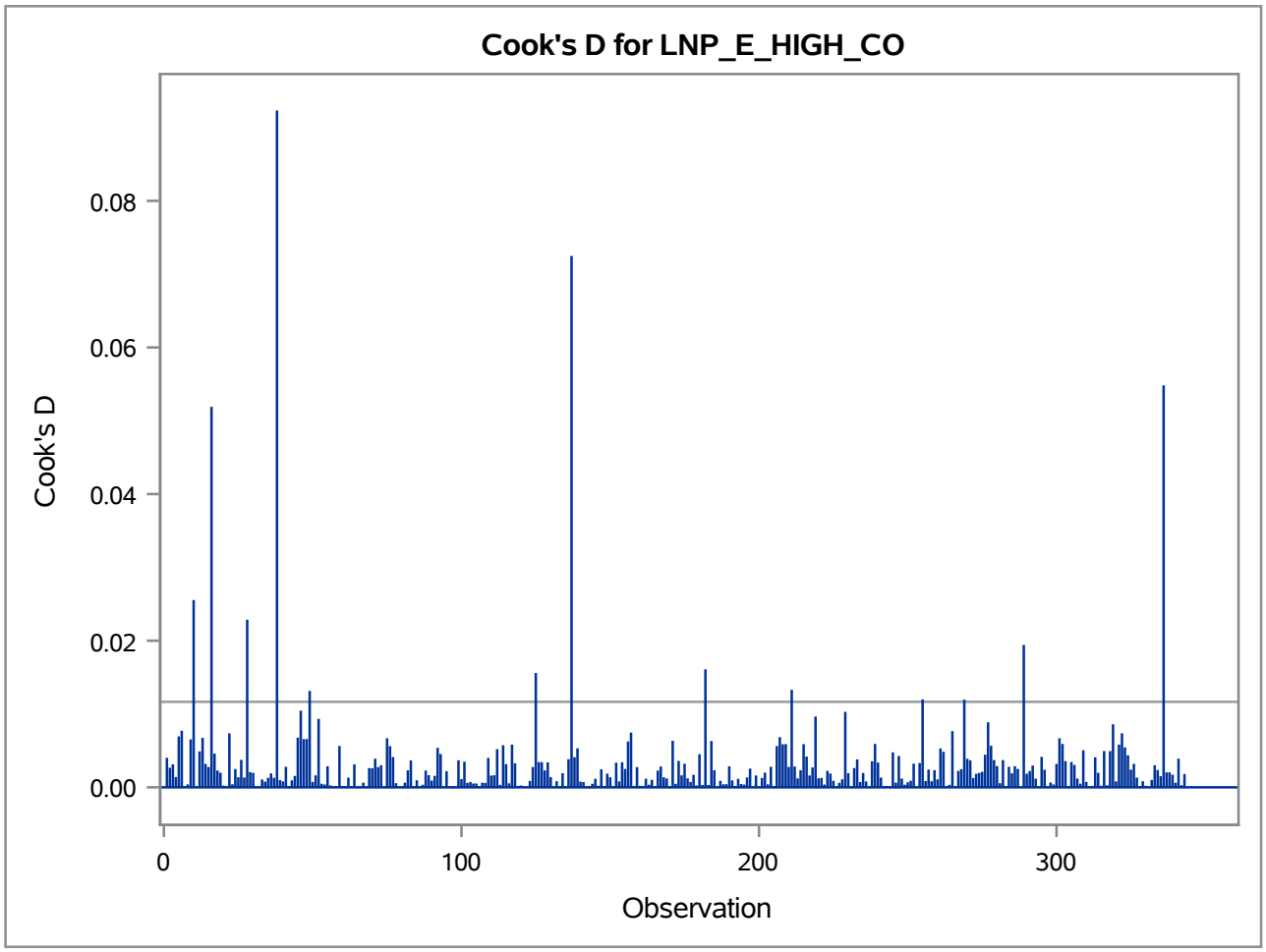
The REG Procedure
Model: MODEL1



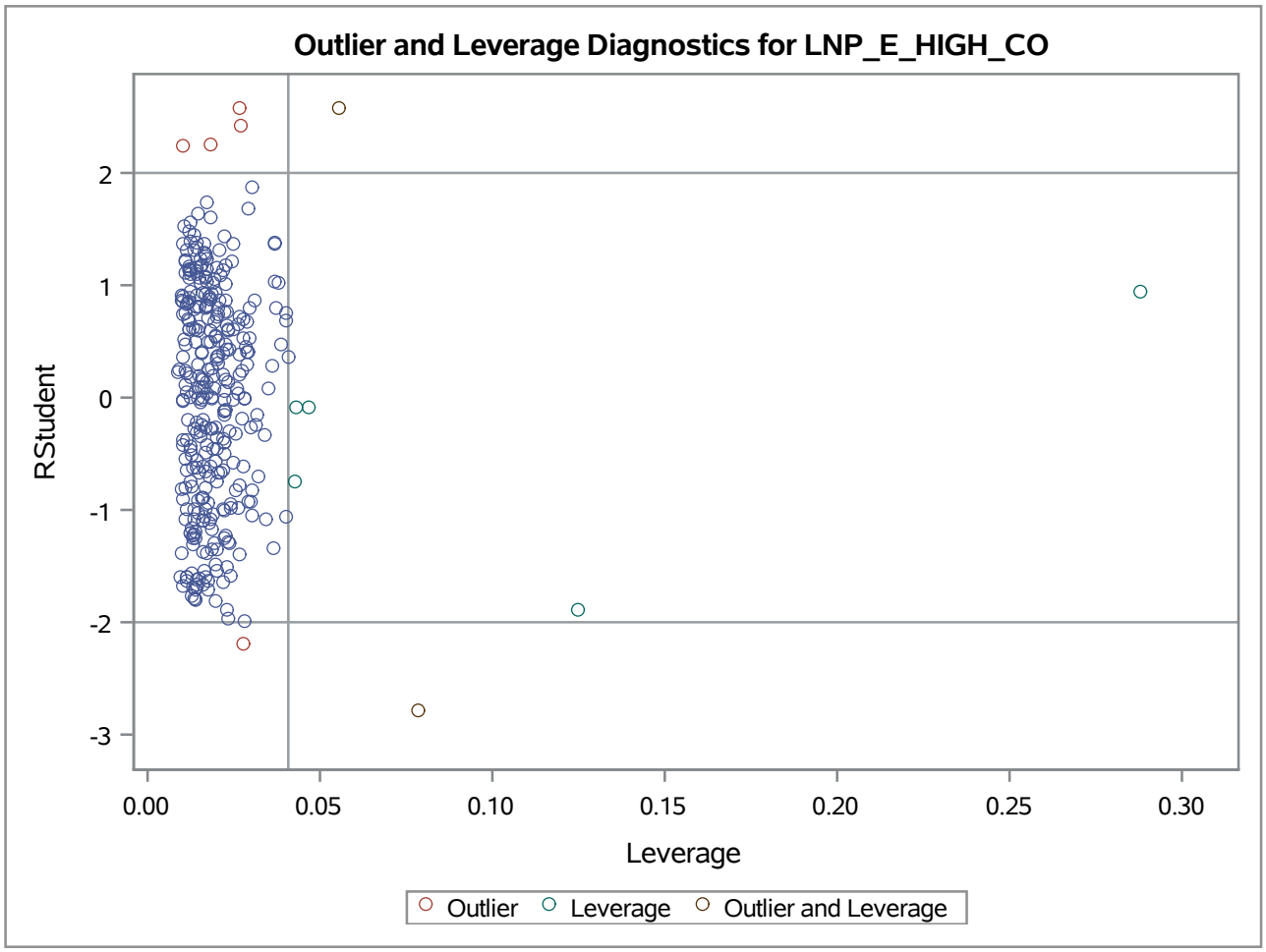
The REG Procedure
Model: MODEL1



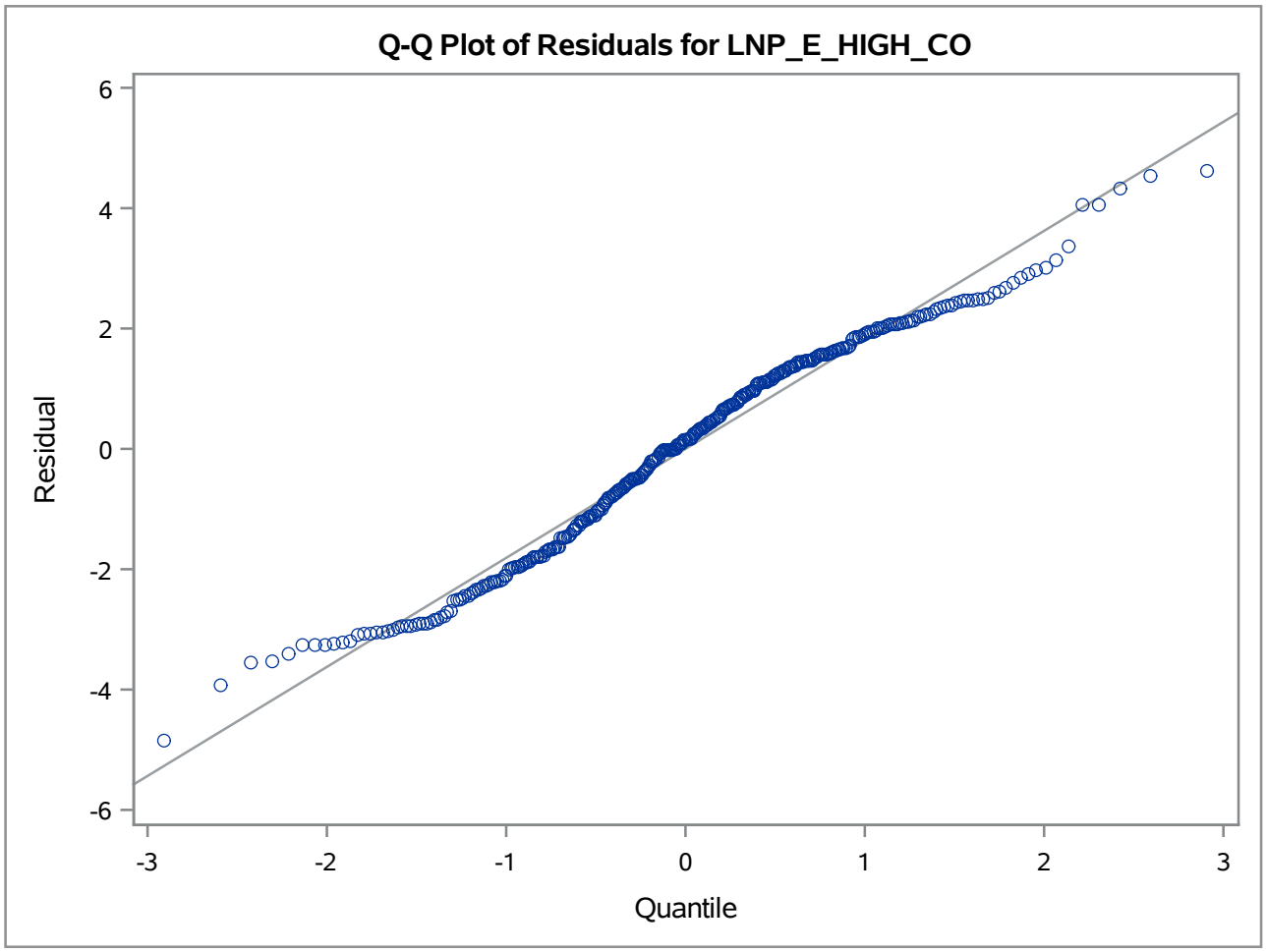
The REG Procedure
Model: MODEL1



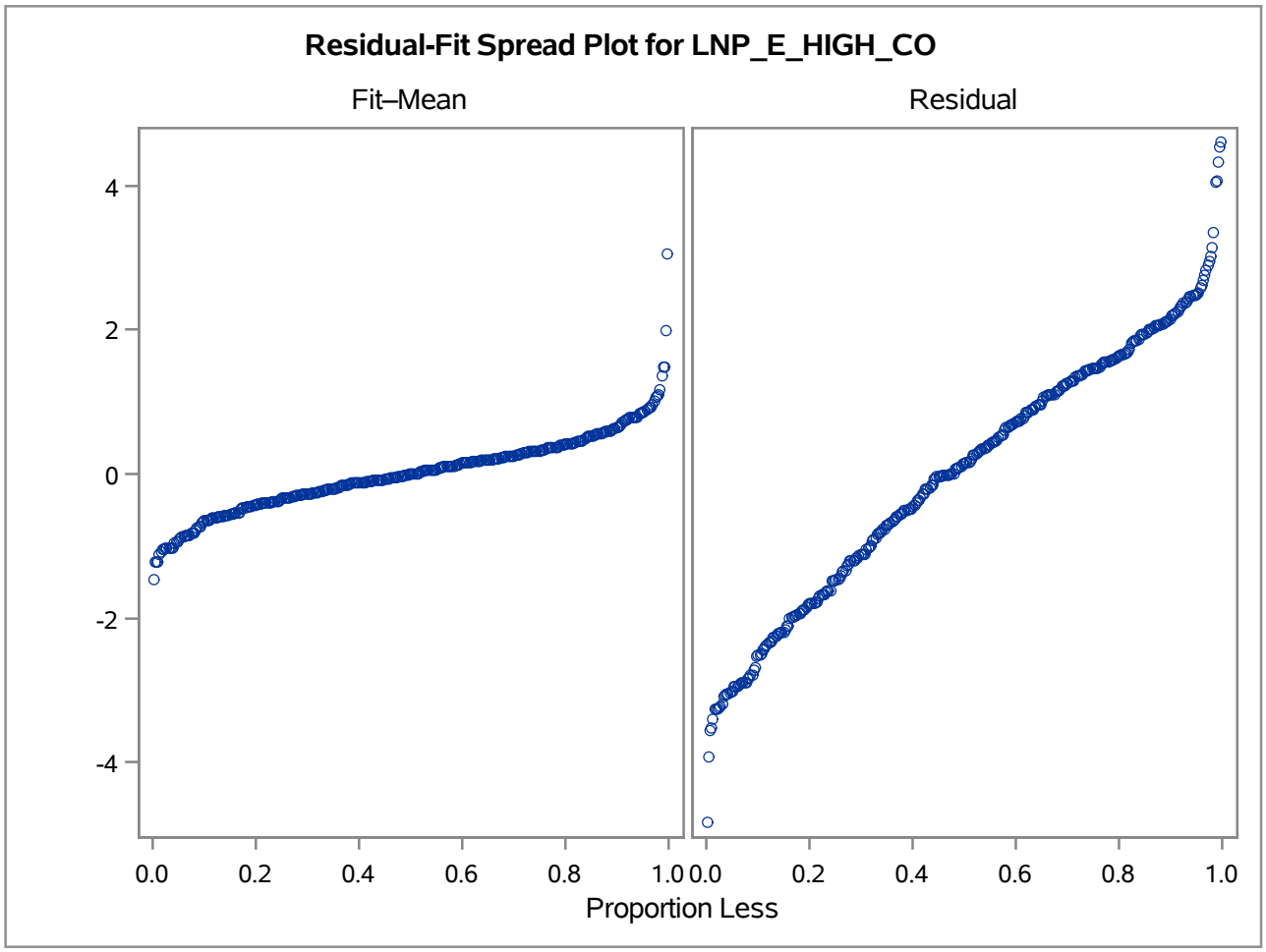
The REG Procedure
Model: MODEL1



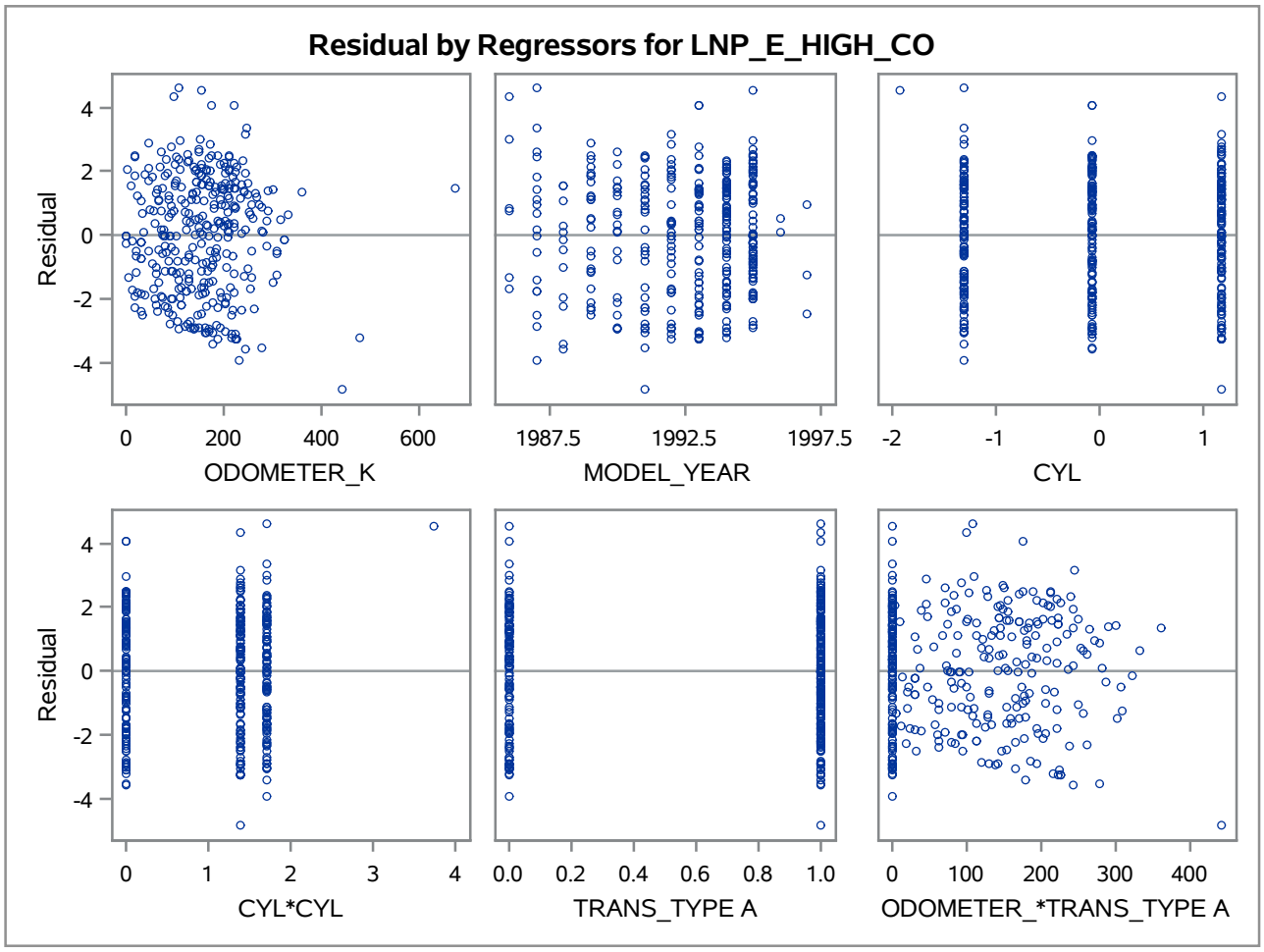
The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1



Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Data Set	WORK.EMISSIONS_HIGHSTD
Dependent Variable	LNP_E_HIGH_CO
Selection Method	Stepwise
Select Criterion	Significance Level
Stop Criterion	Significance Level
Entry Significance Level (SLE)	0.005
Stay Significance Level (SLS)	0.005
Effect Hierarchy Enforced	Single

Number of Observations Read	343
Number of Observations Used	343

Class Level Information		
Class	**Levels**	**Values**
TRANS_TYPE	2	A M
DUAL_EXHAUST	2	N Y

Dimensions	
Number of Effects	14
Number of Parameters	14

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Stepwise Selection: Step 0

Effect Entered: Intercept

Analysis of Variance				
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**
Model	0	0	.	.
Error	342	1226.79617	3.58712	
Corrected Total	342	1226.79617		

Root MSE	1.89397
Dependent Mean	-2.45480
R-Square	0.0000
Adj R-Sq	0.0000
AIC	784.12979
AICC	784.16508
SBC	442.96752

Parameter Estimates				
Parameter	**DF**	**Estimate**	**Standard Error**	**t Value**
Intercept	1	-2.454799	0.102265	-24.00

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Stepwise Selection: Step 1

Effect Entered: E_HIGH_HC

Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	1	218.77115	218.77115	74.01
Error	341	1008.02501	2.95609	
Corrected Total	342	1226.79617		

Root MSE	1.71933
Dependent Mean	-2.45480
R-Square	0.1783
Adj R-Sq	0.1759
AIC	718.76011
AICC	718.83091
SBC	381.43557

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	-2.884785	0.105435	-27.36
E_HIGH_HC	1	0.008441	0.000981	8.60

Best 10 Entry Candidates			
Rank	Effect	Log pValue	Pr > F
1	E_HIGH_HC	-35.7818	<.0001
2	ODOMETER_K	-12.8589	<.0001
3	E_HIGH_CO2	-8.2091	0.0003
4	E_HIGH_O2	-3.4241	0.0326
5	E_HIGH_DCF	-3.2233	0.0398
6	DUAL_EXHAUST	-2.5957	0.0746
7	TRANS_TYPE	-2.1659	0.1146
8	MODEL_YEAR	-2.1642	0.1148
9	CYL	-1.5080	0.2213
10	E_HIGH_HC_LIMIT	-1.2508	0.2863

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Stepwise Selection: Step 2

Effect Entered: ODOMETER_K

Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	2	243.28185	121.64093	42.05
Error	340	983.51431	2.89269	
Corrected Total	342	1226.79617		

Root MSE	1.70079
Dependent Mean	-2.45480
R-Square	0.1983
Adj R-Sq	0.1936
AIC	712.31680
AICC	712.43514
SBC	378.82999

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	-3.357054	0.192874	-17.41
ODOMETER_K	1	0.003327	0.001143	2.91
E_HIGH_HC	1	0.007645	0.001008	7.58

Entry Candidates			
Rank	Effect	Log pValue	Pr > F
1	ODOMETER_K	-5.5619	0.0038
2	E_HIGH_CO2	-3.6673	0.0255
3	E_HIGH_DCF	-3.5518	0.0287
4	E_HIGH_O2	-3.0790	0.0460
5	DUAL_EXHAUST	-2.3942	0.0912
6	TRANS_TYPE	-1.2827	0.2773
7	CYL	-1.2585	0.2841
8	E_HIGH_RPM	-0.5790	0.5604
9	MODEL_YEAR	-0.2559	0.7742
10	E_HIGH_HC_LIMIT	-0.2302	0.7943

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Stepwise Selection Summary					
Step	**Effect Entered**	**Effect Removed**	**Number Effects In**	**F Value**	**Pr > F**
0	**Intercept**		1	0.00	1.0000
1	**E_HIGH_HC**		2	74.01	<.0001
2	**ODOMETER_K**		3	8.47	0.0038

Selection stopped because the candidate for entry has SLE > 0.005 and the candidate for removal has SLS < 0.005.

Stop Details					
Candidate For	**Effect**	**Candidate Significance**		**Compare Significance**	
Entry	E_HIGH_O2	0.0262	>	0.0050	(SLE)
Removal	ODOMETER_K	0.0038	<	0.0050	(SLS)

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Selected Model

The selected model is the model at the last step (Step 2).

Effects:	Intercept ODOMETER_K E_HIGH_HC

Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	2	243.28185	121.64093	42.05
Error	340	983.51431	2.89269	
Corrected Total	342	1226.79617		

Root MSE	1.70079
Dependent Mean	-2.45480
R-Square	0.1983
Adj R-Sq	0.1936
AIC	712.31680
AICC	712.43514
SBC	378.82999

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	-3.357054	0.192874	-17.41
ODOMETER_K	1	0.003327	0.001143	2.91
E_HIGH_HC	1	0.007645	0.001008	7.58

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Data Set	WORK.EMISSIONS_HIGHSTD
Dependent Variable	LNP_E_HIGH_CO
Selection Method	None

Number of Observations Read	343
Number of Observations Used	343

Class Level Information		
Class	**Levels**	**Values**
TRANS_TYPE	2	A M
DUAL_EXHAUST	2	N Y

Dimensions	
Number of Effects	14
Number of Parameters	14

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Least Squares Summary			
Step	Effect Entered	Number Effects In	SBC
0	Intercept	1	442.9675
1	ODOMETER_K	2	426.5542
2	MODEL_YEAR	3	427.0591
3	CYL	4	432.7881
4	CYL*CYL	5	437.1778
5	TRANS_TYPE	6	442.0997
6	ODOMETER_*TRANS_TYPE	7	447.5762
7	DUAL_EXHAUST	8	448.9198
8	E_HIGH_RPM	9	454.7481
9	E_HIGH_CO2	10	453.0027
10	E_HIGH_O2	11	423.1251
11	E_HIGH_HC	12	395.8006
12	E_HIGH_DCF	13	344.2310*
13	E_HIGH_HC_LIMIT	14	348.1073
* Optimal Value of Criterion			

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Least Squares Model (No Selection)

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	13	481.07937	37.00611	16.33	<.0001
Error	329	745.71680	2.26662		
Corrected Total	342	1226.79617			

Root MSE	1.50553
Dependent Mean	-2.45480
R-Square	0.3921
Adj R-Sq	0.3681
AIC	639.37910
AICC	640.84699
SBC	348.10733

Parameter Estimates					
Parameter	DF	Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	10.766133	72.009655	0.15	0.8812
ODOMETER_K	1	-0.000964	0.001654	-0.58	0.5606
MODEL_YEAR	1	0.004556	0.036125	0.13	0.8997
CYL	1	0.000782	0.098638	0.01	0.9937
CYL*CYL	1	-0.015505	0.113677	-0.14	0.8916
TRANS_TYPE A	1	-0.974522	0.374294	-2.60	0.0096
ODOMETER_*TRANS_TYPE A	1	0.005524	0.002059	2.68	0.0077
DUAL_EXHAUST Y	1	-1.859609	0.891682	-2.09	0.0378
E_HIGH_RPM	1	0.000448	0.000751	0.60	0.5510
E_HIGH_CO2	1	-0.977405	0.106196	-9.20	<.0001
E_HIGH_O2	1	-0.066191	0.047241	-1.40	0.1621
E_HIGH_HC	1	0.004196	0.000985	4.26	<.0001
E_HIGH_DCF	1	-9.586772	1.217634	-7.87	<.0001
E_HIGH_HC_LIMIT	1	0.004441	0.003233	1.37	0.1705

Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO

R-Square Selection Method

Number of Observations Read	343
Number of Observations Used	343

Number in Model	R-Square	Variables in Model
1	0.1783	E_HIGH_HC
1	0.0628	ODOMETER_K
1	0.0382	E_HIGH_CO2
2	0.3079	E_HIGH_CO2 E_HIGH_DCF
2	0.1983	ODOMETER_K E_HIGH_HC
2	0.1903	E_HIGH_CO2 E_HIGH_HC
3	0.3558	E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
3	0.3260	ODOMETER_K E_HIGH_CO2 E_HIGH_DCF
3	0.3165	DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_DCF
4	0.3642	ODOMETER_K E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
4	0.3629	DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
4	0.3607	ODOMETER_*TRANS_TYPE A E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
5	0.3741	TRANS_TYPE A ODOMETER_*TRANS_TYPE A E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
5	0.3713	ODOMETER_K DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
5	0.3683	ODOMETER_K E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF
6	0.3826	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
6	0.3787	TRANS_TYPE A ODOMETER_*TRANS_TYPE A E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
6	0.3786	TRANS_TYPE A ODOMETER_*TRANS_TYPE A E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF
7	0.3870	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
7	0.3867	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF
7	0.3833	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
8	0.3908	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
8	0.3878	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
8	0.3875	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
9	0.3915	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
9	0.3914	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
9	0.3909	CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT

Stepwise Selection Analysis of Variance and Regression Table

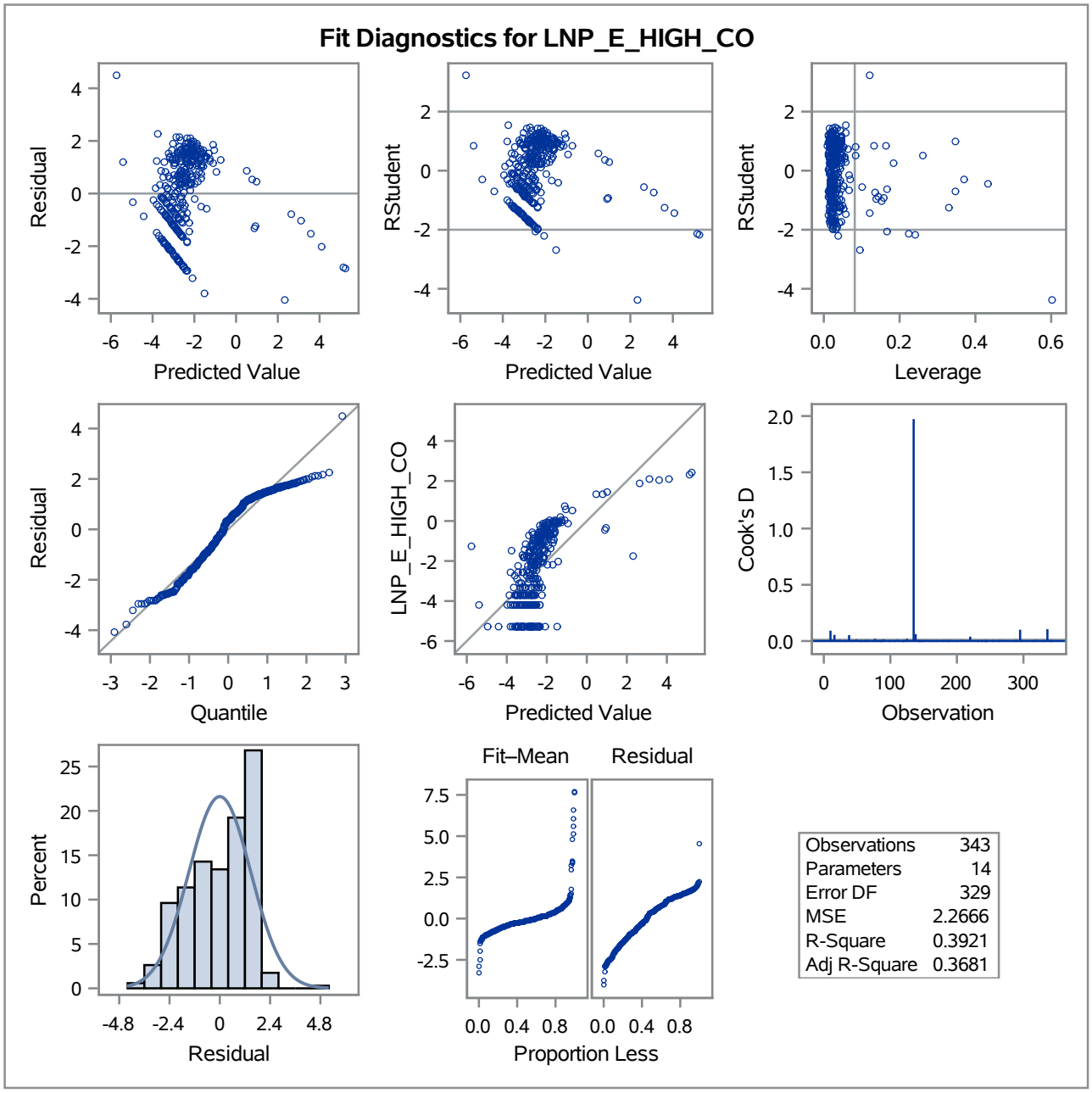
The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO

R-Square Selection Method

Number in Model	R-Square	Variables in Model
10	0.3921	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
10	0.3915	CYL*CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
10	0.3915	CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
11	0.3921	ODOMETER_K CYL*CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
11	0.3921	ODOMETER_K MODEL_YEAR TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
11	0.3921	ODOMETER_K CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
12	0.3921	ODOMETER_K MODEL_YEAR CYL*CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
12	0.3921	ODOMETER_K CYL CYL*CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
12	0.3921	ODOMETER_K MODEL_YEAR CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
13	0.3921	ODOMETER_K MODEL_YEAR CYL CYL*CYL TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT

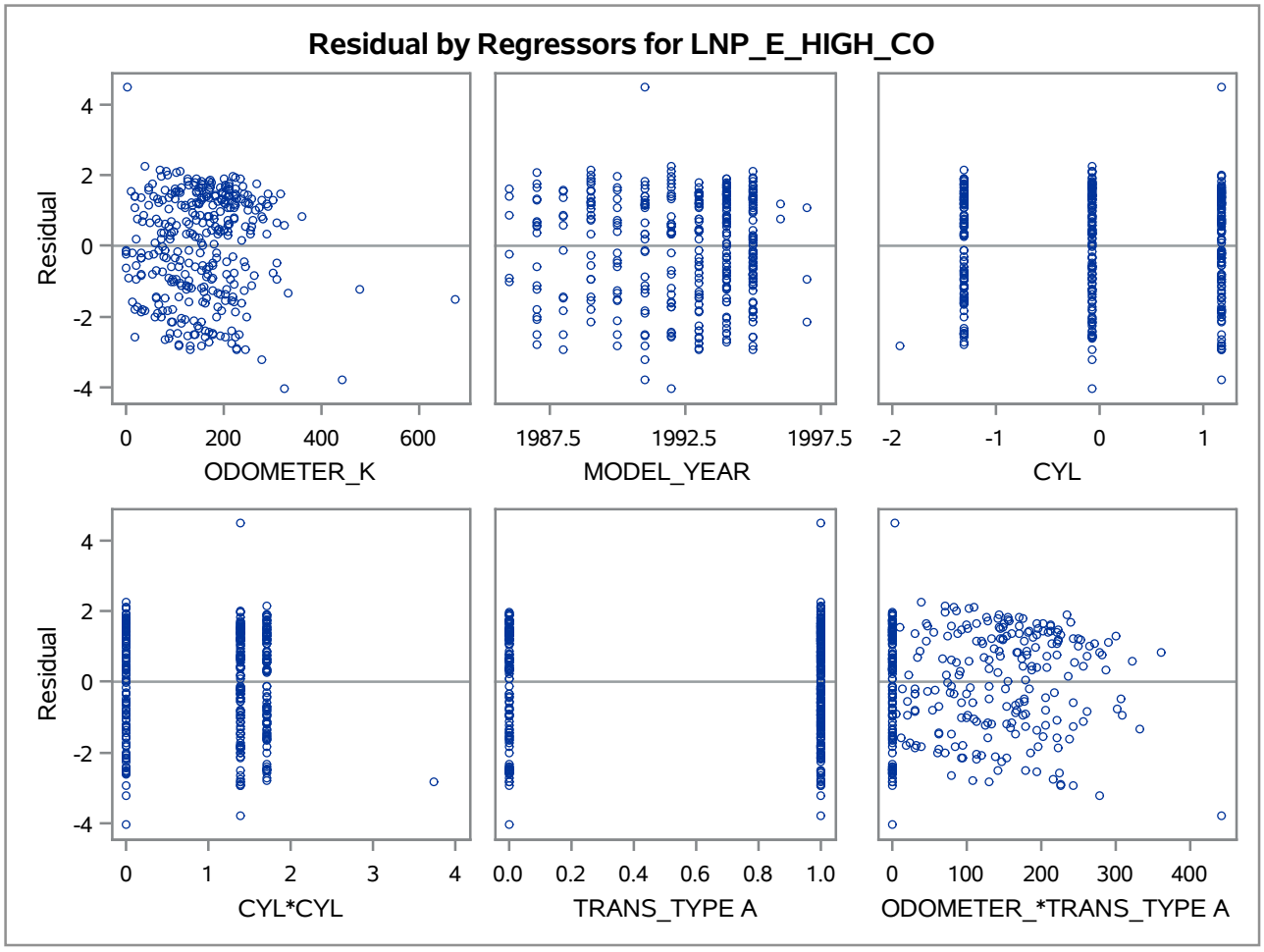
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO



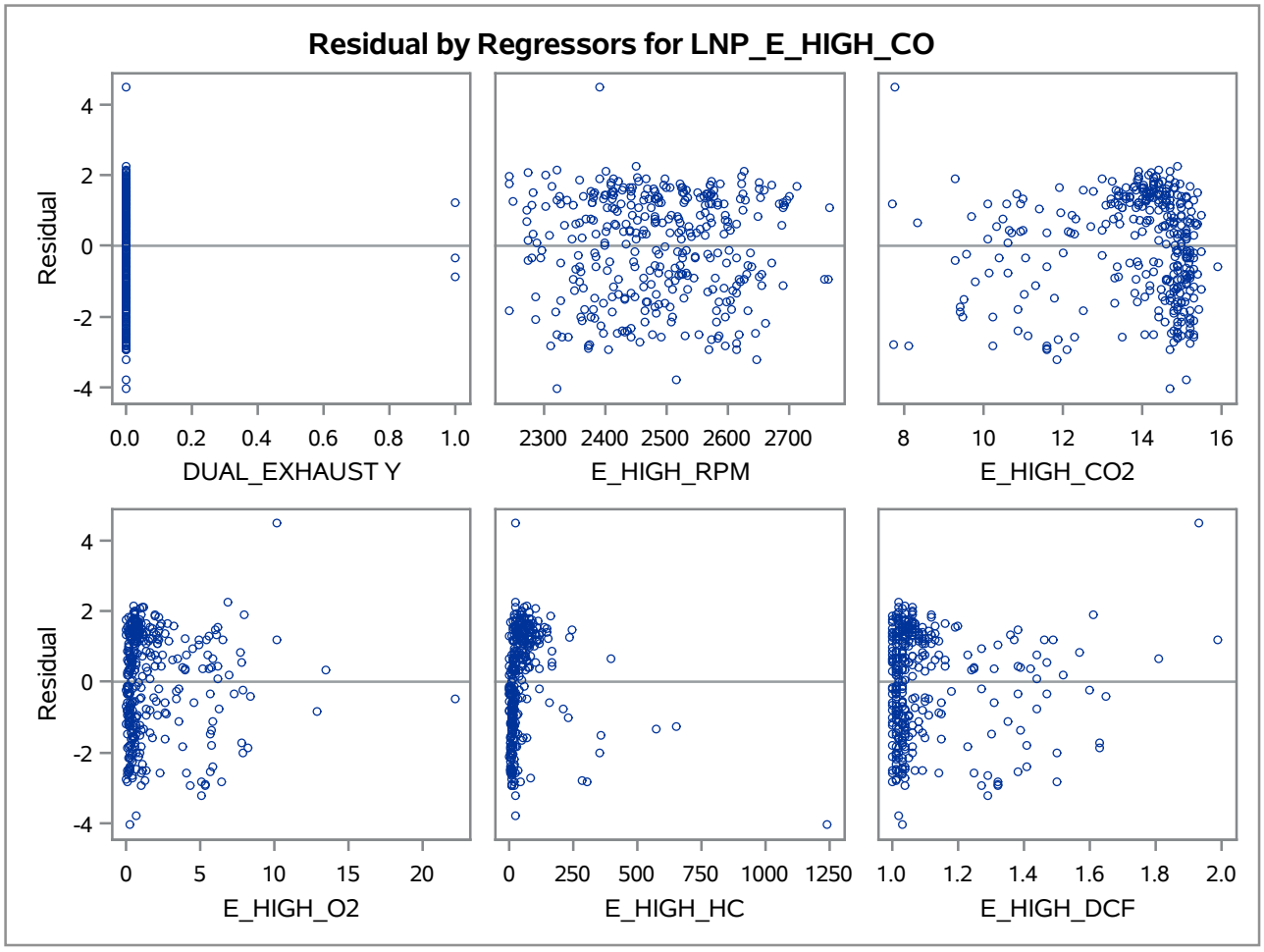
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO



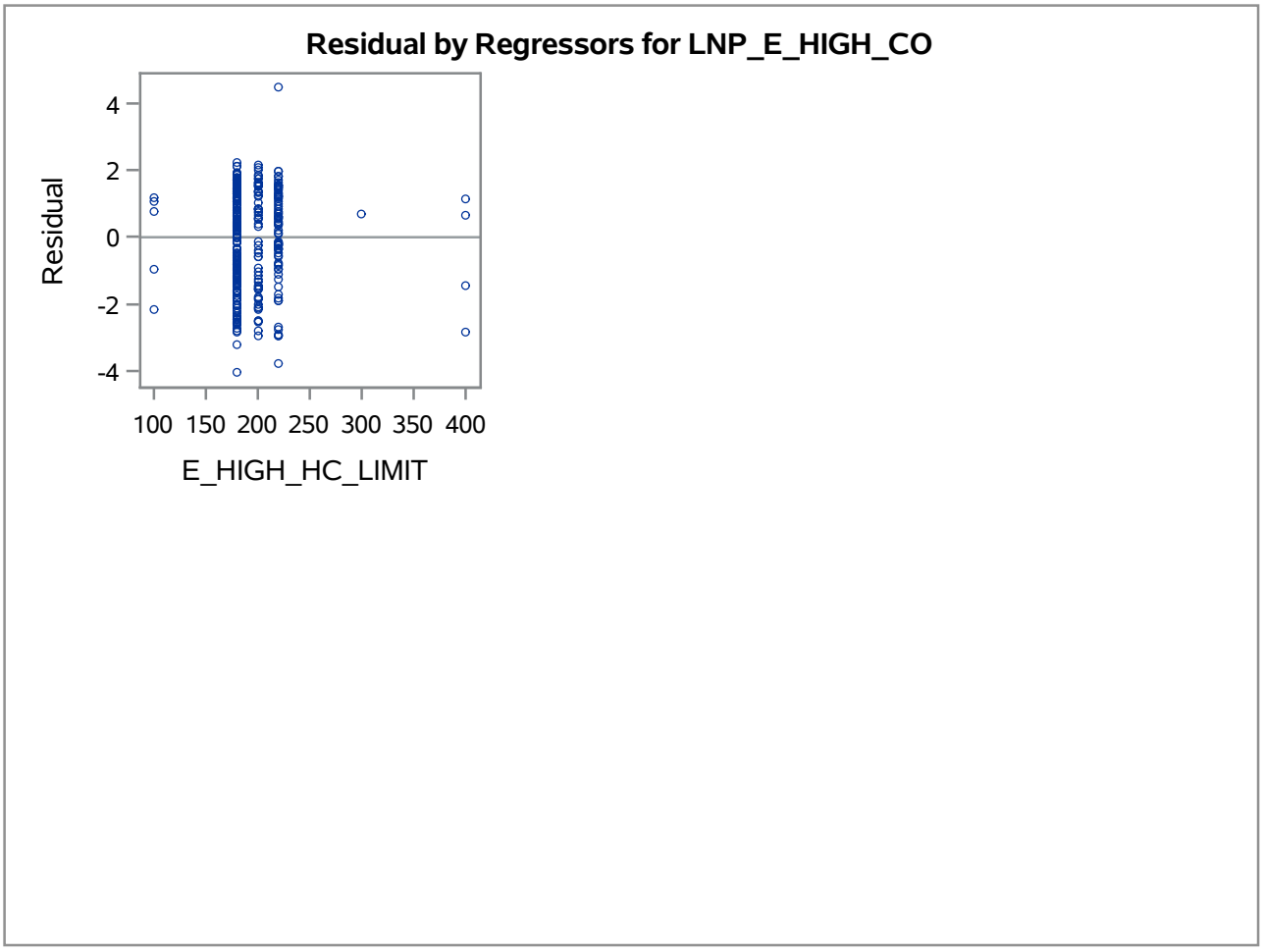
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: R2
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: AR2
Dependent Variable: LNP_E_HIGH_CO

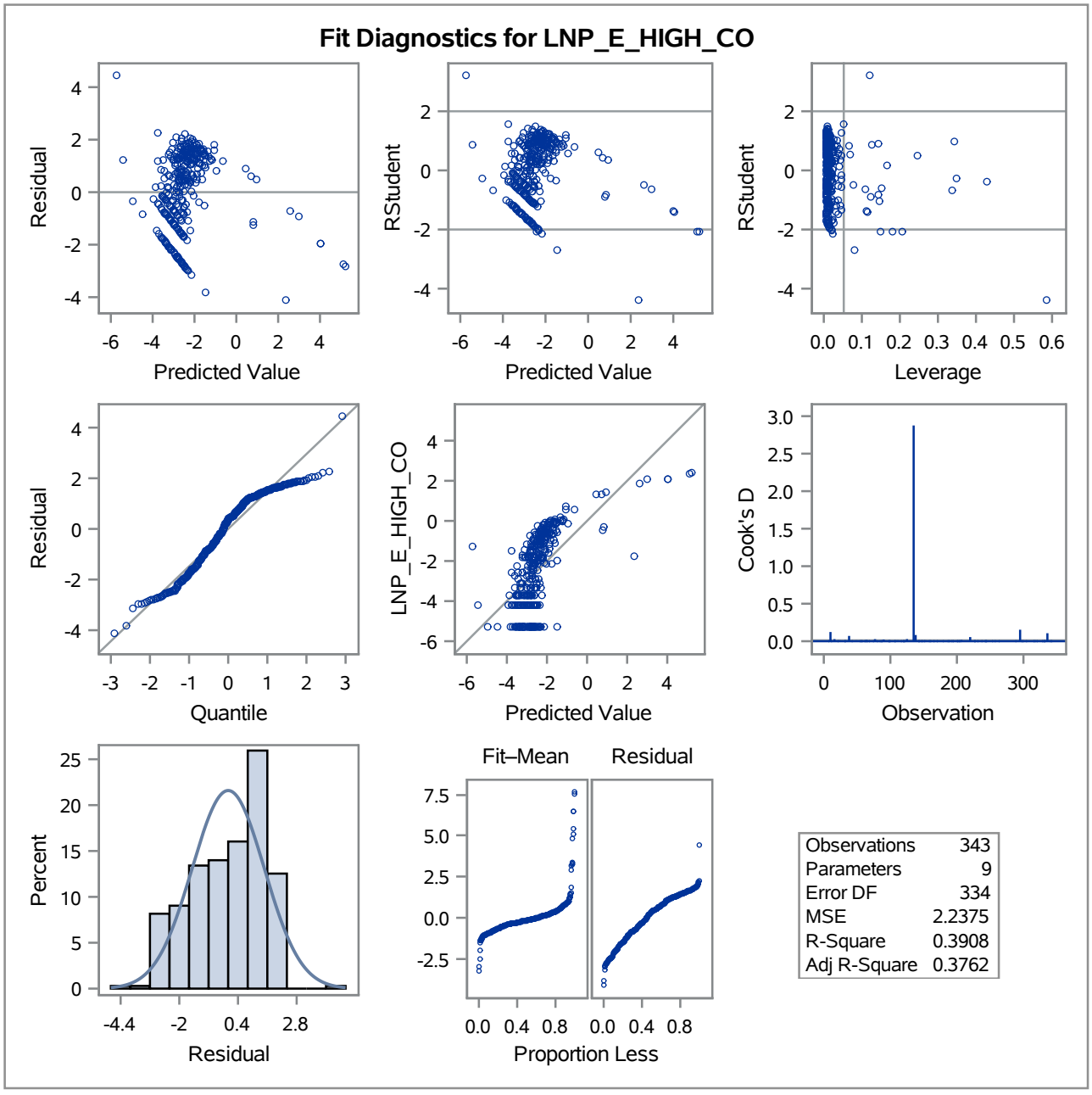
Adjusted R-Square Selection Method

Number of Observations Read	343
Number of Observations Used	343

Number in Model	Adjusted R-Square	R-Square	Variables in Model
8	0.3762	0.3908	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
9	0.3750	0.3915	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_RPM E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
9	0.3750	0.3914	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT

Stepwise Selection Analysis of Variance and Regression Table

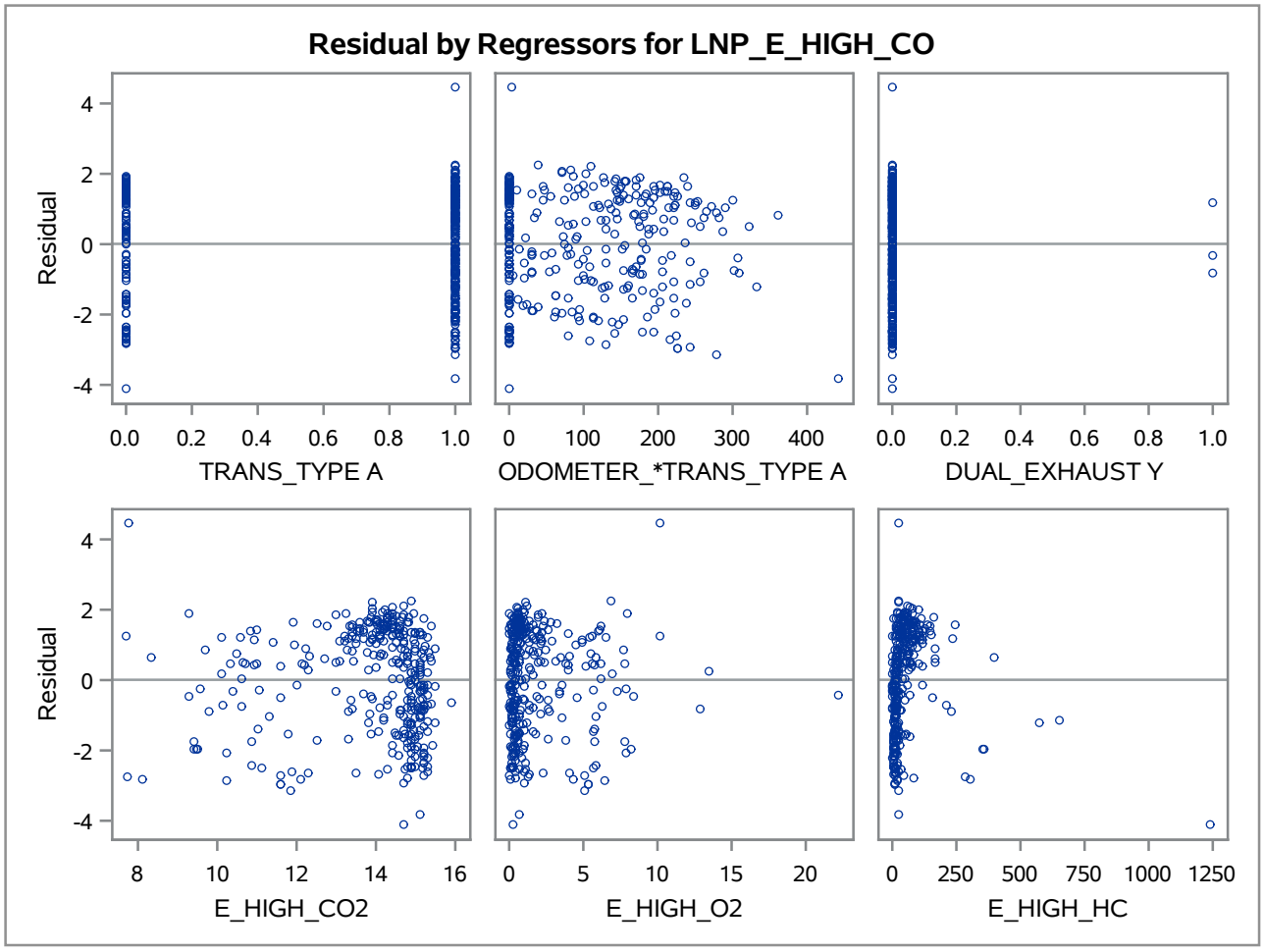
The REG Procedure
Model: AR2
Dependent Variable: LNP_E_HIGH_CO



Observations	343
Parameters	9
Error DF	334
MSE	2.2375
R-Square	0.3908
Adj R-Square	0.3762

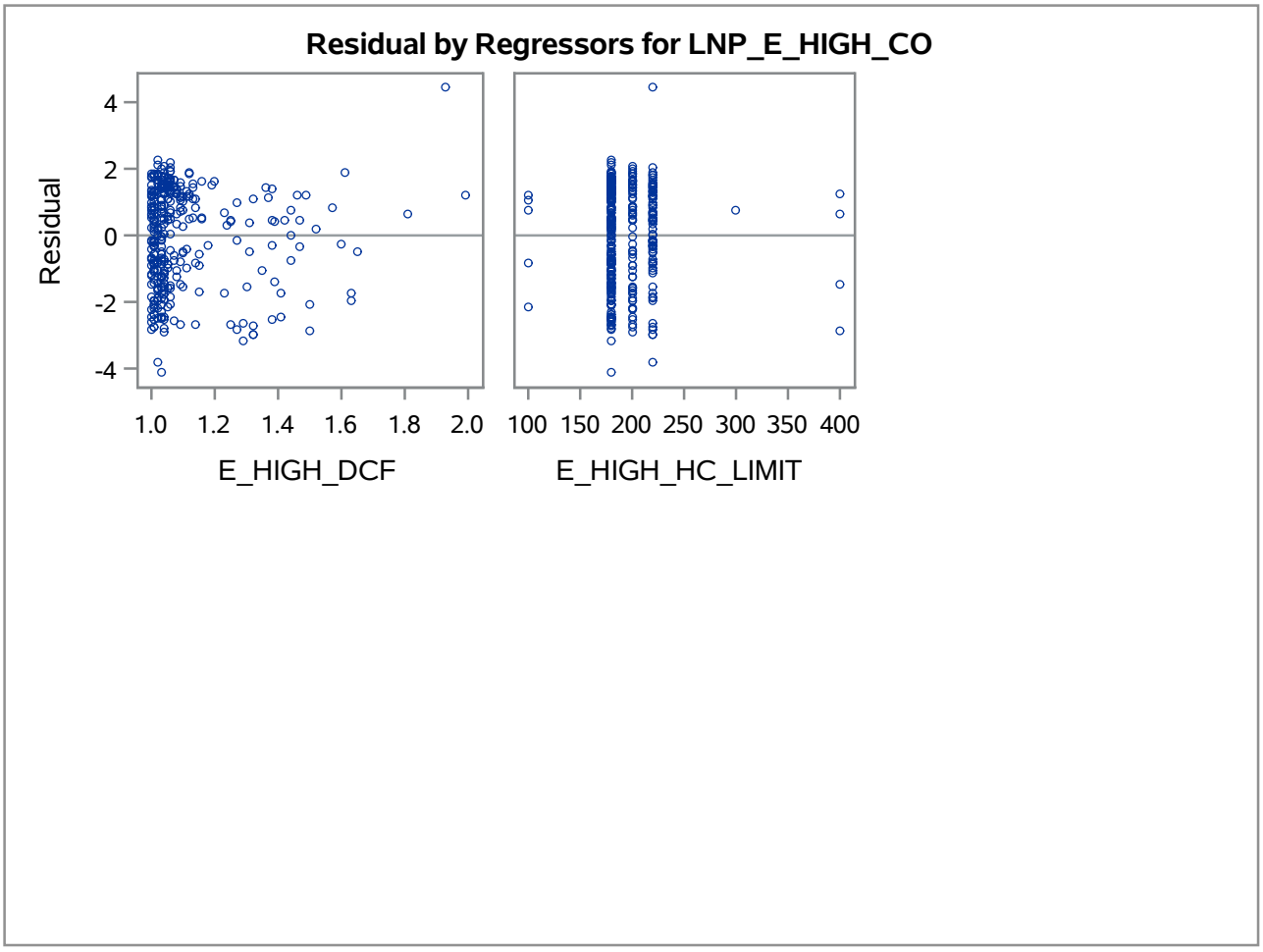
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: AR2
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: AR2
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: Cp
Dependent Variable: LNP_E_HIGH_CO

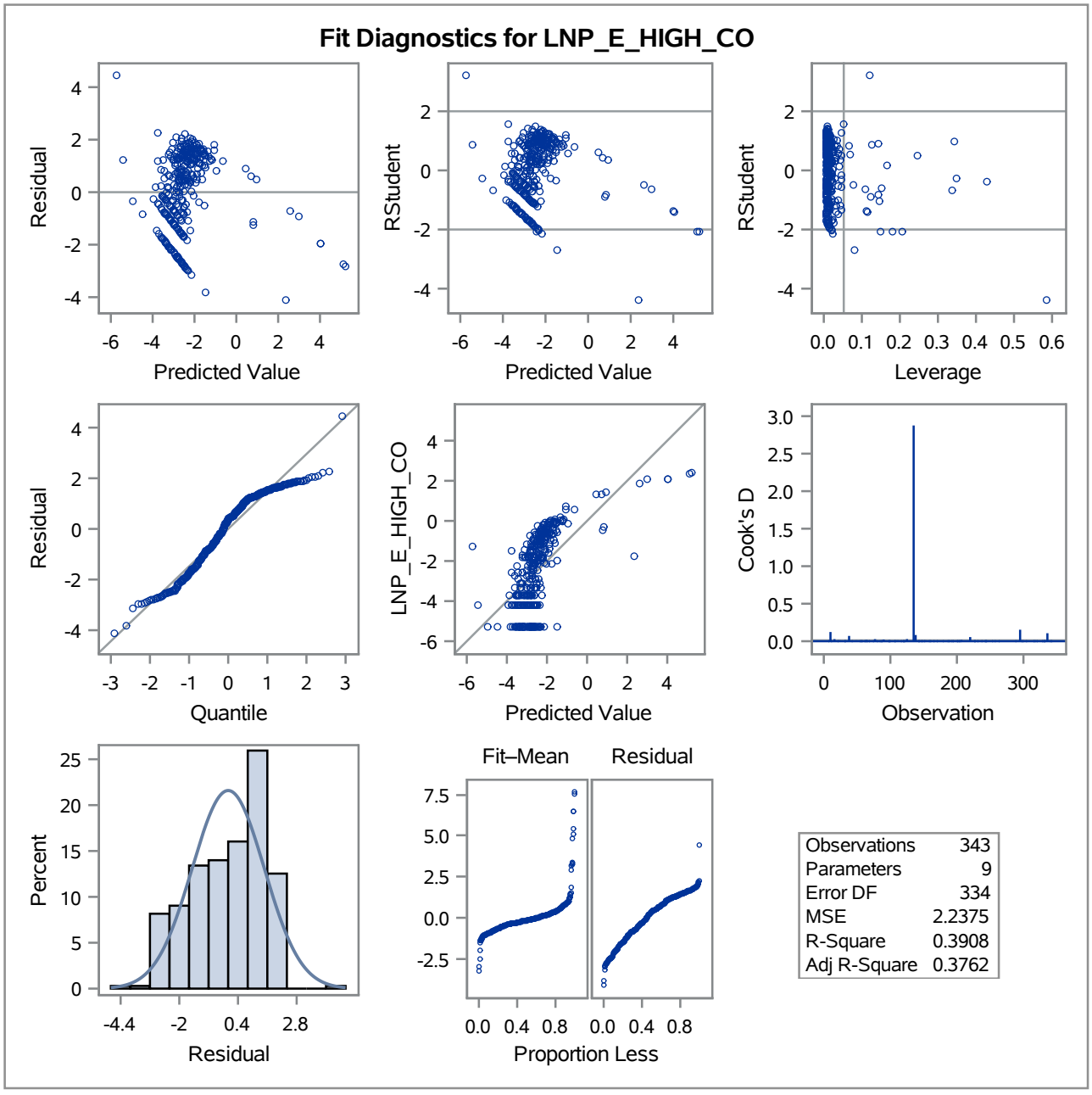
C(p) Selection Method

Number of Observations Read	343
Number of Observations Used	343

Number in Model	C(p)	R-Square	Variables in Model
8	4.7069	0.3908	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
7	4.7668	0.3870	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT
7	4.9466	0.3867	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_O2 E_HIGH_HC E_HIGH_DCF
6	5.1905	0.3826	TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF
8	6.3632	0.3878	ODOMETER_K TRANS_TYPE A ODOMETER_*TRANS_TYPE A DUAL_EXHAUST Y E_HIGH_CO2 E_HIGH_HC E_HIGH_DCF E_HIGH_HC_LIMIT

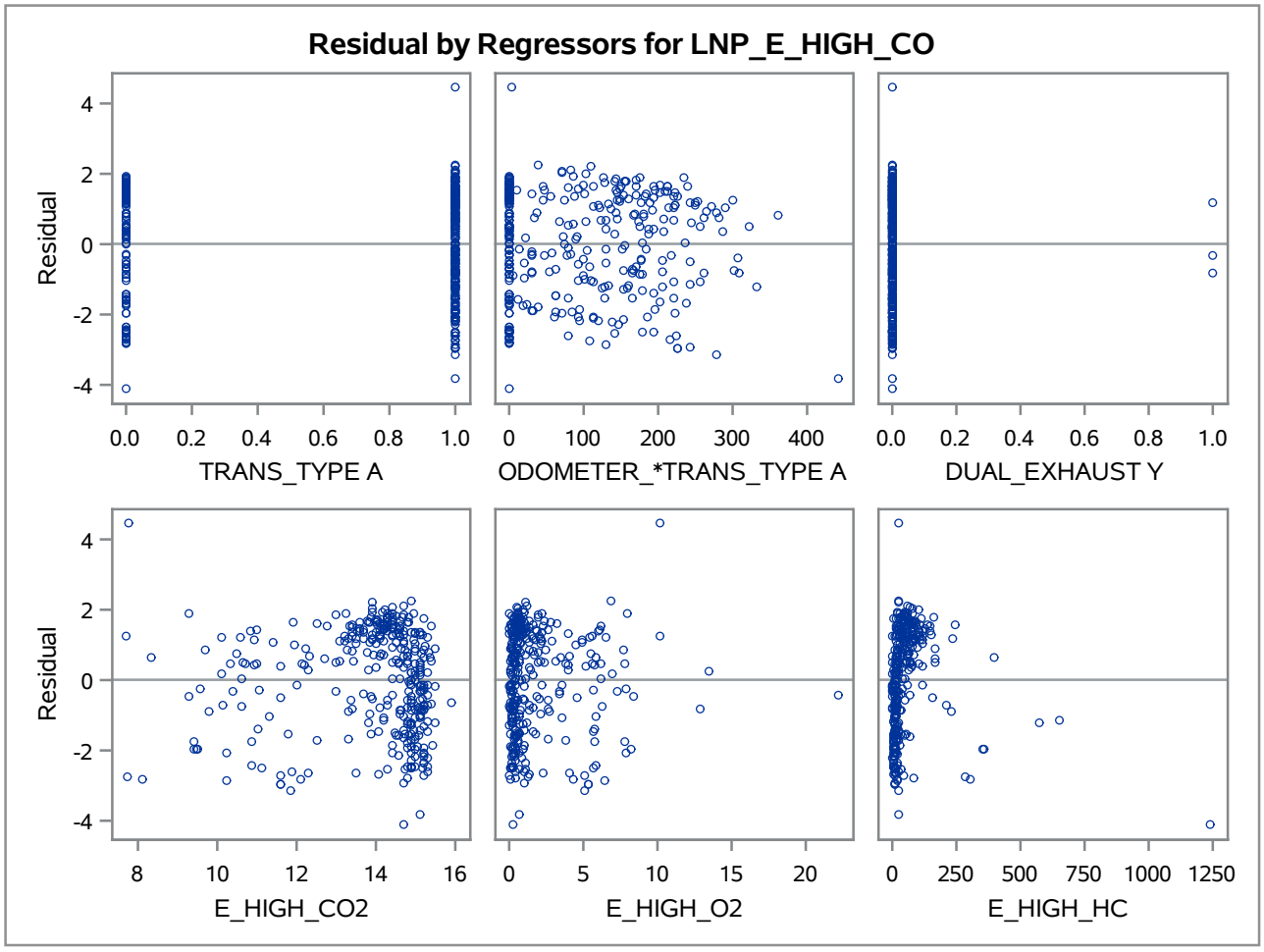
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: Cp
Dependent Variable: LNP_E_HIGH_CO



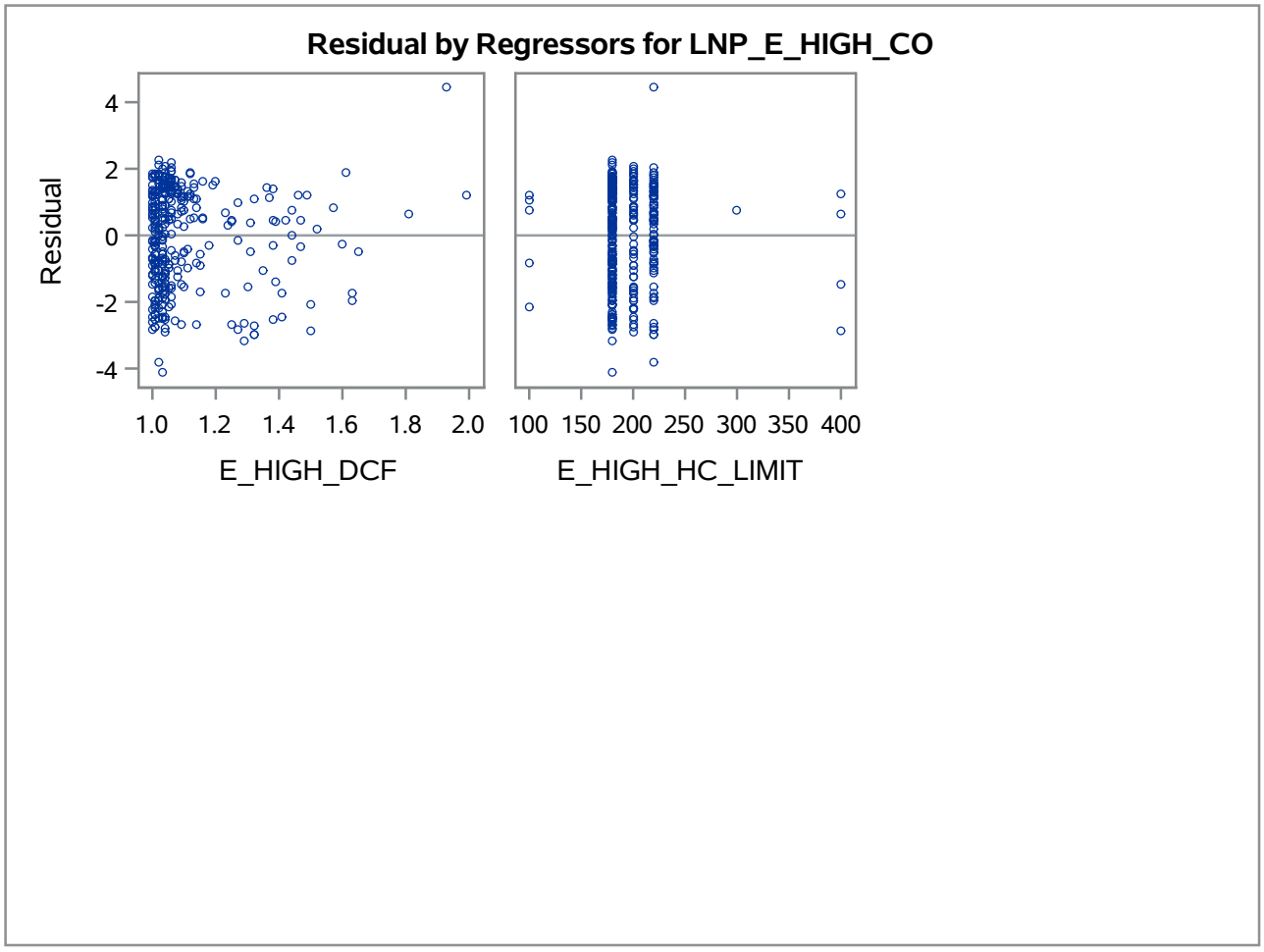
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: Cp
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: Cp
Dependent Variable: LNP_E_HIGH_CO



Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Data Set	WORK.EMISSIONS_HIGHSTD
Dependent Variable	LNP_E_HIGH_CO
Selection Method	None

Number of Observations Read	343
Number of Observations Used	343

Class Level Information		
Class	**Levels**	**Values**
TRANS_TYPE	2	A M
DUAL_EXHAUST	2	N Y

Dimensions	
Number of Effects	9
Number of Parameters	9

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure

Least Squares Summary			
Step	Effect Entered	Number Effects In	SBC
0	Intercept	1	442.9675
1	TRANS_TYPE	2	446.2979
2	ODOMETER_*TRANS_TYPE	3	445.3910
3	DUAL_EXHAUST	4	448.6642
4	E_HIGH_CO2	5	441.9902
5	E_HIGH_O2	6	416.5058
6	E_HIGH_HC	7	380.5824
7	E_HIGH_DCF	8	326.8390*
8	E_HIGH_HC_LIMIT	9	332.1166
* Optimal Value of Criterion			

Stepwise Selection Analysis of Variance and Regression Table

The GLMSELECT Procedure
Least Squares Model (No Selection)

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	8	451.82645	56.47831	24.34	<.0001
Error	334	774.96971	2.32027		
Corrected Total	342	1226.79617			

Root MSE	1.52324
Dependent Mean	-2.45480
R-Square	0.3683
Adj R-Sq	0.3532
AIC	642.57707
AICC	643.23972
SBC	332.11665

Parameter Estimates					
Parameter	**DF**	**Estimate**	**Standard Error**	**t Value**	**Pr > |t|**
Intercept	1	19.616308	2.788038	7.04	<.0001
TRANS_TYPE M	1	0.311240	0.321791	0.97	0.3341
ODOMETER_*TRANS_TYPE M	1	-0.001174	0.001653	-0.71	0.4780
DUAL_EXHAUST N	1	1.714373	0.890668	1.92	0.0551
E_HIGH_CO2	1	-0.987752	0.105308	-9.38	<.0001
E_HIGH_O2	1	-0.054006	0.047164	-1.15	0.2530
E_HIGH_HC	1	0.004674	0.000977	4.78	<.0001
E_HIGH_DCF	1	-9.700178	1.212607	-8.00	<.0001
E_HIGH_HC_LIMIT	1	0.002073	0.002806	0.74	0.4606

Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: MODEL1
Dependent Variable: close

Number of Observations Read	295
Number of Observations Used	295

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	239.81300	239.81300	3.00	0.0845
Error	293	23455	80.05011		
Corrected Total	294	23694			

Root MSE	8.94707	**R-Square**	0.0101
Dependent Mean	120.00758	**Adj R-Sq**	0.0067
Coeff Var	7.45542		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	121.57454	1.04449	116.40	<.0001
day	1	-0.01059	0.00612	-1.73	0.0845

Stepwise Selection Analysis of Variance and Regression Table

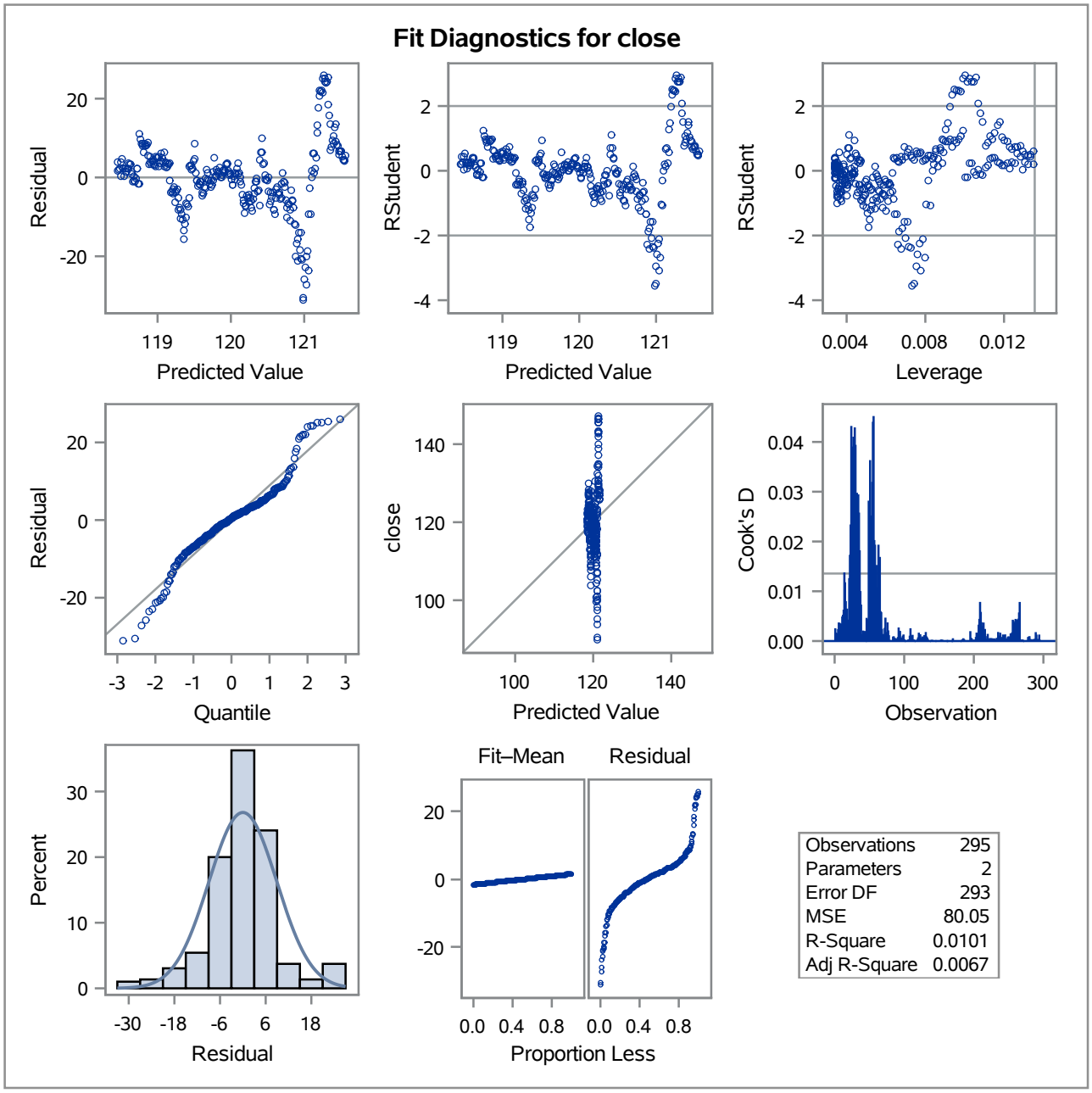
The REG Procedure
Model: MODEL1
Dependent Variable: close

Durbin-Watson D	0.103
Pr < DW	<.0001
Pr > DW	1.0000
Number of Observations	295
1st Order Autocorrelation	0.948

Note: Pr<DW is the p-value for testing positive autocorrelation, and Pr>DW is the p-value for testing negative autocorrelation.

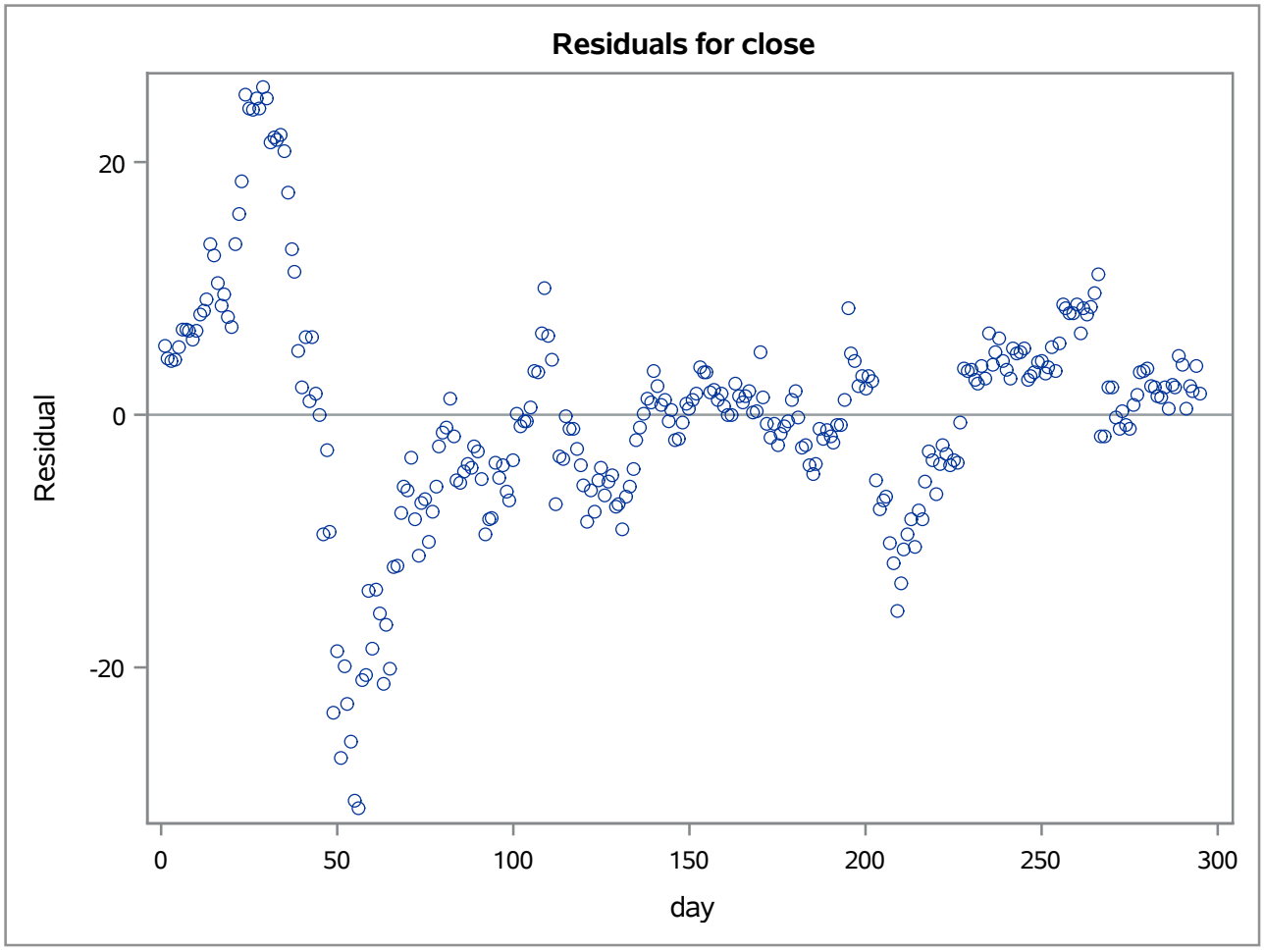
Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: MODEL1
Dependent Variable: close



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: MODEL1
Dependent Variable: close



Stepwise Selection Analysis of Variance and Regression Table

The REG Procedure
Model: MODEL1
Dependent Variable: close