

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Number of Observations Read	331
Number of Observations Used	331

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	22987	7662.44024	273.77	<.0001
Error	327	9152.39529	27.98898		
Corrected Total	330	32140			

Root MSE	5.29046	R-Square	0.7152
Dependent Mean	7.44411	Adj R-Sq	0.7126
Coeff Var	71.06910		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.83338	0.45072	-4.07	<.0001
doubles	1	0.27673	0.07010	3.95	<.0001
strikeouts	1	0.12456	0.01628	7.65	<.0001
at_bats	1	0.00185	0.00505	0.37	0.7146

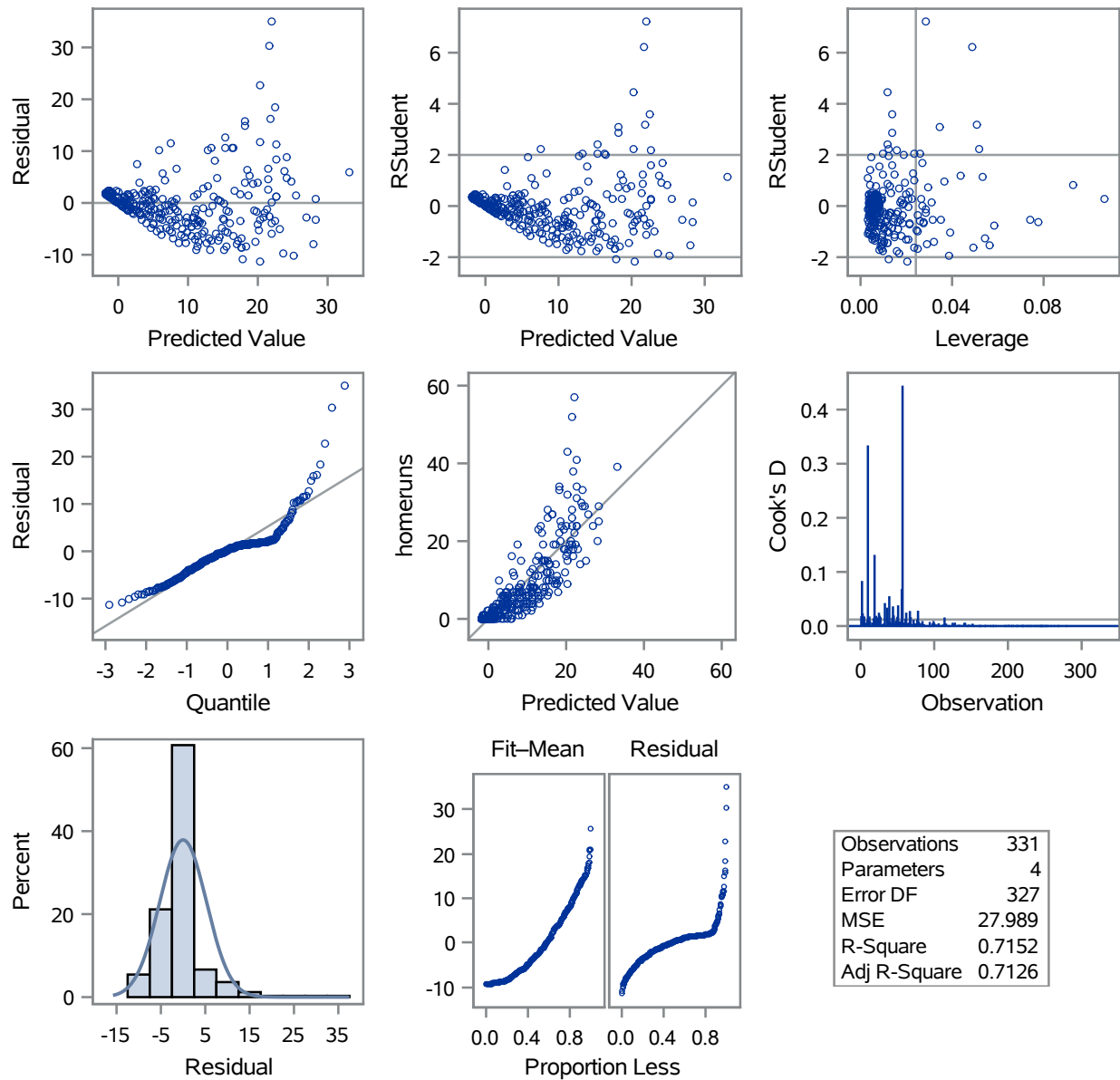
The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Durbin-Watson D	2.150
Pr < DW	0.9050
Pr > DW	0.0950
Number of Observations	331
1st Order Autocorrelation	-0.077

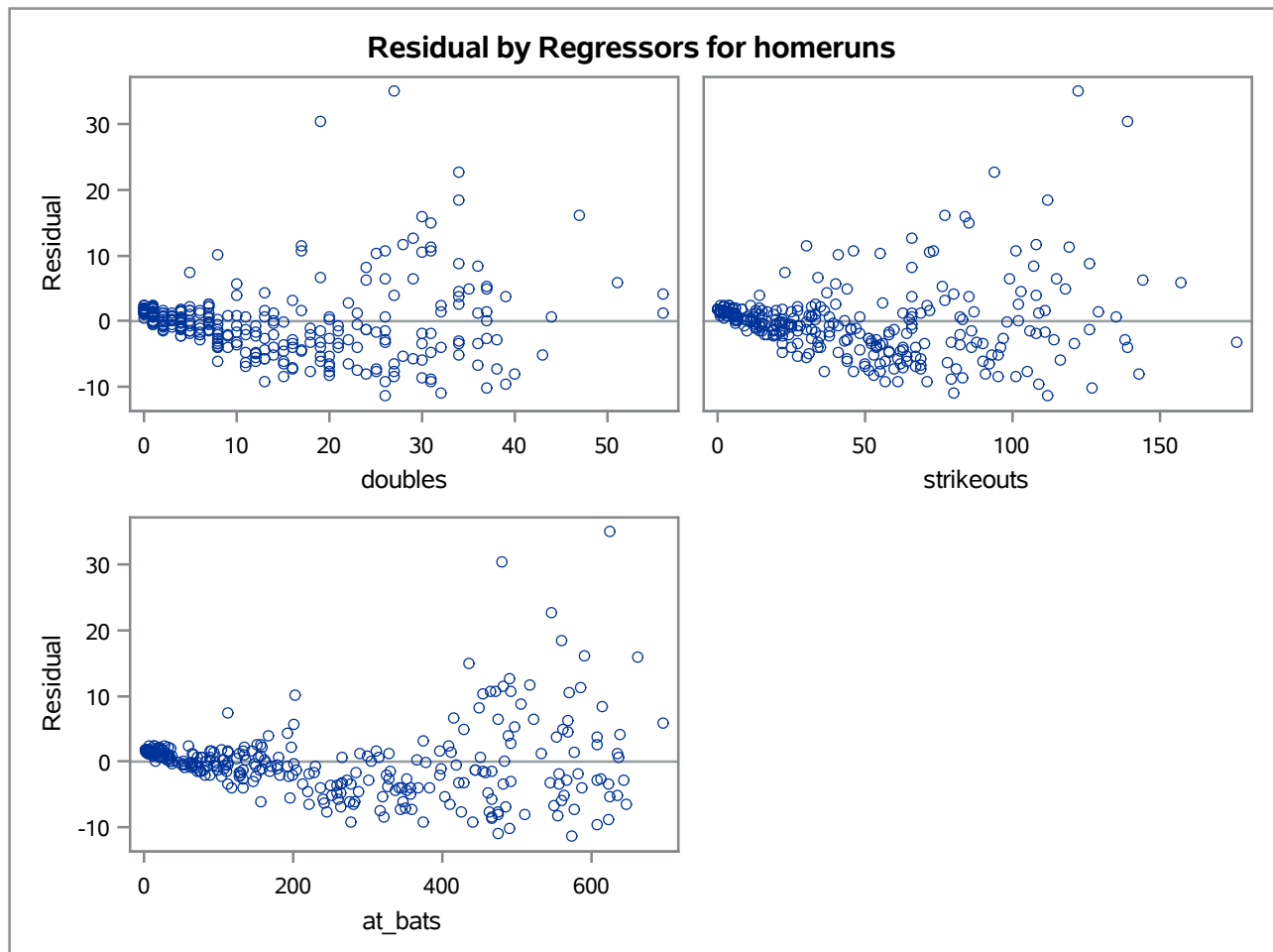
Note: Pr<DW is the p-value for testing positive autocorrelation, and Pr>DW is the p-value for testing negative autocorrelation.

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Fit Diagnostics for homeruns



The REG Procedure
Model: MODEL1
Dependent Variable: homeruns



The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Number of Observations Read	330
Number of Observations Used	330

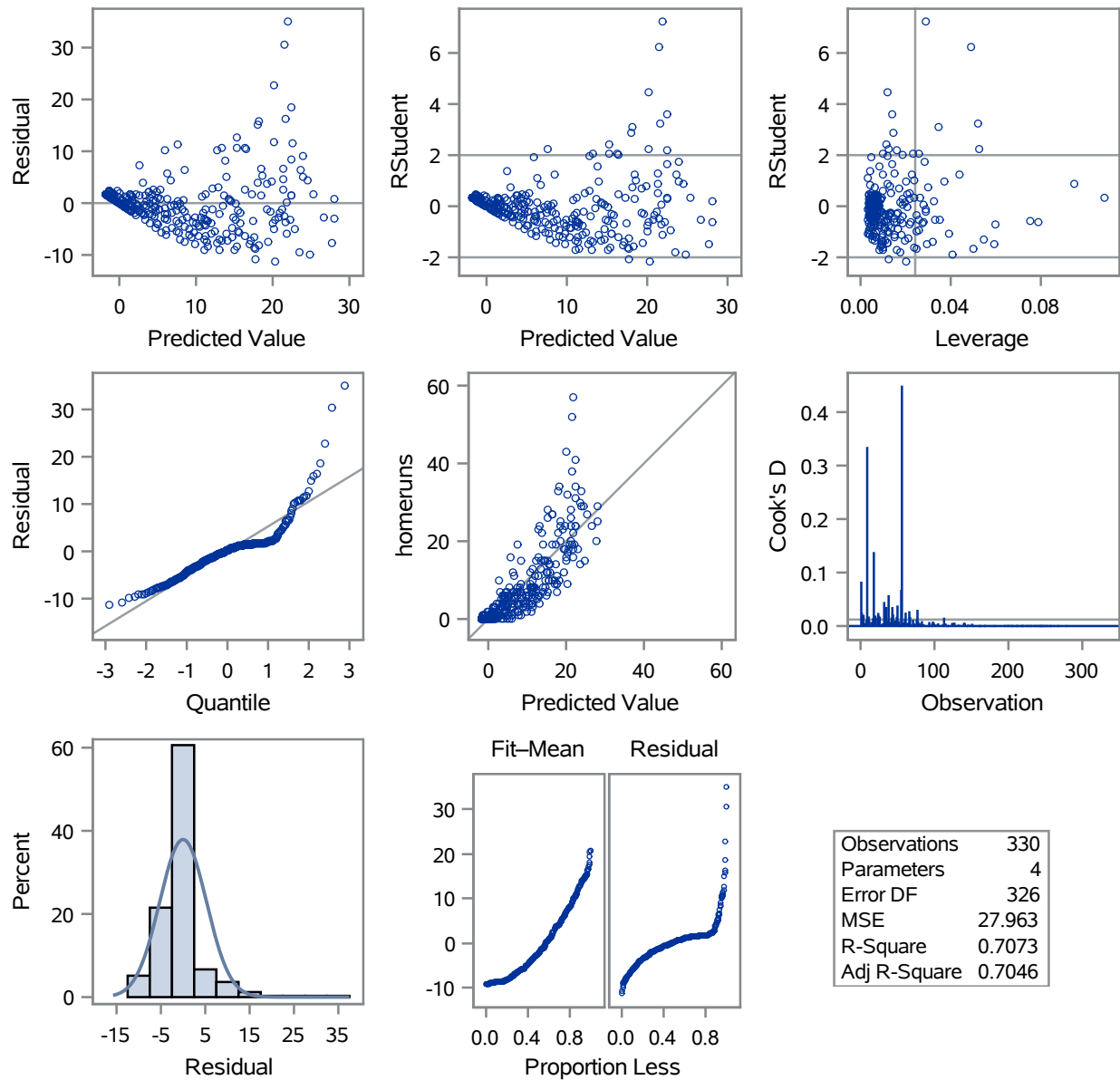
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	22025	7341.67413	262.55	<.0001
Error	326	9115.90185	27.96289		
Corrected Total	329	31141			

Root MSE	5.28799	R-Square	0.7073
Dependent Mean	7.34848	Adj R-Sq	0.7046
Coeff Var	71.96034		

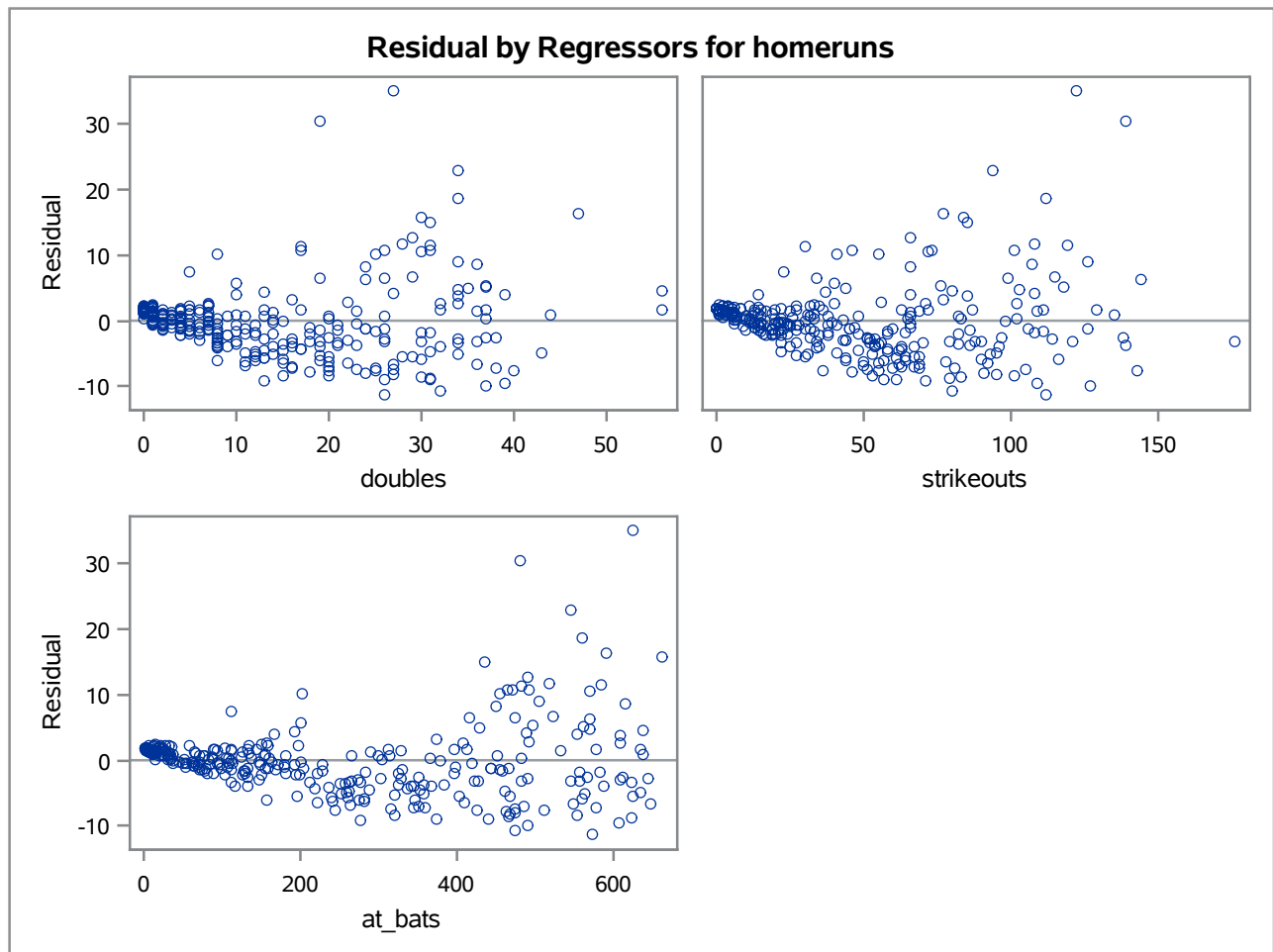
Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.80735	0.45109	-4.01	<.0001
doubles	1	0.26464	0.07086	3.73	0.0002
strikeouts	1	0.12245	0.01637	7.48	<.0001
at_bats	1	0.00270	0.00510	0.53	0.5971

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Fit Diagnostics for homeruns



The REG Procedure
Model: MODEL1
Dependent Variable: homeruns



Regression of Log_pct_over on Log_population

21:02 Thursday, April 9, 2020 8

Obs	firstname	lastname	age	team	games	at_bats	runs	hits	doubles	triples	homeruns	RBI	walks
1	Alfonso	Soriano	24	NY	156	696	128	209	51	2	39	102	23

Obs	strikeouts	bat_ave	on_base_pct	slugging_pct	stolen_bases	caught_stealing	MODEL1
1	157	0.3	0.332	0.547	41	13	32.7919

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Number of Observations Read	331
Number of Observations Used	331

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	22987	7662.44024	273.77	<.0001
Error	327	9152.39529	27.98898		
Corrected Total	330	32140			

Root MSE	5.29046	R-Square	0.7152
Dependent Mean	7.44411	Adj R-Sq	0.7126
Coeff Var	71.06910		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-1.83338	0.45072	-4.07	<.0001
doubles	1	0.27673	0.07010	3.95	<.0001
strikeouts	1	0.12456	0.01628	7.65	<.0001
at_bats	1	0.00185	0.00505	0.37	0.7146

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
1	39	33.1217	1.2193	5.8783	5.148	1.142	0.018
2	34	18.1547	0.9839	15.8453	5.198	3.048	0.083
3	8	14.5565	1.2329	-6.5565	5.145	-1.274	0.023
4	18	20.7513	0.9915	-2.7513	5.197	-0.529	0.003
5	29	24.8070	1.6121	4.1930	5.039	0.832	0.018
6	29	28.3352	0.9291	0.6648	5.208	0.128	0.000
7	24	22.6839	1.7273	1.3161	5.001	0.263	0.002
8	18	23.0705	0.8394	-5.0705	5.223	-0.971	0.006
9	10	15.4153	1.0458	-5.4153	5.186	-1.044	0.011
10	57	21.9876	0.8972	35.0124	5.214	6.715	0.334
11	14	17.4457	0.8767	-3.4457	5.217	-0.660	0.003
12	9	17.7365	0.8321	-8.7365	5.225	-1.672	0.018
13	31	22.5931	0.6183	8.4069	5.254	1.600	0.009
14	19	21.6187	0.6464	-2.6187	5.251	-0.499	0.001
15	24	21.4039	0.6081	2.5961	5.255	0.494	0.001
16	8	10.8587	1.4410	-2.8587	5.090	-0.562	0.006
17	23	19.2864	0.6878	3.7136	5.246	0.708	0.002
18	14	23.6576	0.6844	-9.6576	5.246	-1.841	0.014
19	38	21.8541	1.1933	16.1459	5.154	3.133	0.132
20	16	20.0643	0.5928	-4.0643	5.257	-0.773	0.002
21	34	22.6487	0.6653	11.3513	5.248	2.163	0.019
22	14	15.7924	0.8368	-1.7924	5.224	-0.343	0.001
23	27	25.5399	0.7925	1.4601	5.231	0.279	0.000
24	10	17.2220	0.9444	-7.2220	5.205	-1.387	0.016
25	9	20.3710	0.7562	-11.3710	5.236	-2.172	0.025
26	27	16.4900	0.7231	10.5100	5.241	2.005	0.019
27	30	23.7961	1.1034	6.2039	5.174	1.199	0.016
28	26	21.4564	0.5745	4.5436	5.259	0.864	0.002
29	24	26.9174	0.9416	-2.9174	5.206	-0.560	0.003
30	15	20.2015	0.5747	-5.2015	5.259	-0.989	0.003
31	29	24.1402	0.7353	4.8598	5.239	0.928	0.004
32	16	21.9521	0.6409	-5.9521	5.252	-1.133	0.005
33	41	22.5608	0.6171	18.4392	5.254	3.509	0.042

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
34	19	20.9501	0.5852	-1.9501	5.258	-0.371	0.000
35	17	20.3665	0.6364	-3.3665	5.252	-0.641	0.002
36	3	11.3265	1.1777	-8.3265	5.158	-1.614	0.034
37	22	18.2017	0.9105	3.7983	5.212	0.729	0.004
38	11	17.7378	0.7695	-6.7378	5.234	-1.287	0.009
39	43	20.2928	0.5720	22.7072	5.259	4.317	0.055
40	25	28.2912	1.4762	-3.2912	5.080	-0.648	0.009
41	24	22.6888	0.7080	1.3112	5.243	0.250	0.000
42	28	21.4825	0.6400	6.5175	5.252	1.241	0.006
43	32	20.3246	0.5849	11.6754	5.258	2.220	0.015
44	20	27.9920	1.2591	-7.9920	5.138	-1.555	0.036
45	33	24.2030	0.8671	8.7970	5.219	1.686	0.020
46	24	18.7904	0.8070	5.2096	5.229	0.996	0.006
47	15	12.1391	0.7775	2.8609	5.233	0.547	0.002
48	26	15.3635	0.5244	10.6365	5.264	2.020	0.010
49	12	14.9597	0.8499	-2.9597	5.222	-0.567	0.002
50	28	15.3181	0.5709	12.6819	5.260	2.411	0.017
51	15	25.1300	1.0395	-10.1300	5.187	-1.953	0.038
52	24	19.9924	0.5971	4.0076	5.257	0.762	0.002
53	6	12.9428	0.7421	-6.9428	5.238	-1.325	0.009
54	22	22.0031	0.8660	-0.003099	5.219	-0.001	0.000
55	19	22.4308	0.7765	-3.4308	5.233	-0.656	0.002
56	19	7.4984	1.2067	11.5016	5.151	2.233	0.068
57	52	21.6252	1.1685	30.3748	5.160	5.887	0.444
58	9	17.0207	0.5083	-8.0207	5.266	-1.523	0.005
59	12	19.5947	0.5756	-7.5947	5.259	-1.444	0.006
60	25	18.5688	0.5237	6.4312	5.264	1.222	0.004
61	7	17.8625	0.5831	-10.8625	5.258	-2.066	0.013
62	24	13.3452	0.8073	10.6548	5.229	2.038	0.025
63	10	15.6492	0.5222	-5.6492	5.265	-1.073	0.003
64	10	18.3344	0.4936	-8.3344	5.267	-1.582	0.005
65	18	19.4260	0.5955	-1.4260	5.257	-0.271	0.000
66	9	17.6680	0.5119	-8.6680	5.266	-1.646	0.006

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
67	27	16.3108	0.8503	10.6892	5.222	2.047	0.028
68	2	9.7330	0.9025	-7.7330	5.213	-1.483	0.016
69	10	14.8214	0.6739	-4.8214	5.247	-0.919	0.003
70	18	19.7572	0.6667	-1.7572	5.248	-0.335	0.000
71	14	15.5308	0.5480	-1.5308	5.262	-0.291	0.000
72	23	12.7745	0.5826	10.2255	5.258	1.945	0.012
73	15	14.4158	0.4746	0.5842	5.269	0.111	0.000
74	22	13.8605	0.4779	8.1395	5.269	1.545	0.005
75	20	21.3231	0.8942	-1.3231	5.214	-0.254	0.000
76	10	11.2337	0.6771	-1.2337	5.247	-0.235	0.000
77	6	15.1563	0.6608	-9.1563	5.249	-1.744	0.012
78	33	18.1384	0.6246	14.8616	5.253	2.829	0.028
79	19	14.1254	1.0119	4.8746	5.193	0.939	0.008
80	5	8.1736	0.8769	-3.1736	5.217	-0.608	0.003
81	5	12.7227	0.5178	-7.7227	5.265	-1.467	0.005
82	12	15.1655	0.5653	-3.1655	5.260	-0.602	0.001
83	13	13.5265	0.4114	-0.5265	5.274	-0.100	0.000
84	15	8.4281	0.7973	6.5719	5.230	1.257	0.009
85	20	18.6199	0.7653	1.3801	5.235	0.264	0.000
86	10	16.4717	0.5087	-6.4717	5.266	-1.229	0.004
87	19	16.6195	0.7452	2.3805	5.238	0.454	0.001
88	7	12.4176	0.4311	-5.4176	5.273	-1.027	0.002
89	11	12.1041	0.4817	-1.1041	5.268	-0.210	0.000
90	11	12.9883	0.7185	-1.9883	5.241	-0.379	0.001
91	19	17.4307	0.8573	1.5693	5.221	0.301	0.001
92	12	15.9512	0.4800	-3.9512	5.269	-0.750	0.001
93	15	15.2229	0.7633	-0.2229	5.235	-0.043	0.000
94	4	13.1525	0.5259	-9.1525	5.264	-1.739	0.008
95	16	12.8764	0.5261	3.1236	5.264	0.593	0.001
96	8	11.9498	0.3626	-3.9498	5.278	-0.748	0.001
97	15	14.7159	0.4583	0.2841	5.271	0.054	0.000
98	6	13.3470	0.5298	-7.3470	5.264	-1.396	0.005
99	18	21.9533	1.2779	-3.9533	5.134	-0.770	0.009

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
100	1	6.0084	0.8241	-5.0084	5.226	-0.958	0.006
101	4	8.3952	0.6169	-4.3952	5.254	-0.836	0.002
102	8	10.7041	0.3840	-2.7041	5.277	-0.512	0.000
103	4	11.0901	0.4174	-7.0901	5.274	-1.344	0.003
104	6	12.0374	0.3352	-6.0374	5.280	-1.143	0.001
105	6	9.9580	0.4142	-3.9580	5.274	-0.750	0.001
106	7	14.3151	0.5400	-7.3151	5.263	-1.390	0.005
107	7	11.0183	0.4945	-4.0183	5.267	-0.763	0.001
108	7	11.3410	0.3515	-4.3410	5.279	-0.822	0.001
109	6	7.3973	0.6099	-1.3973	5.255	-0.266	0.000
110	6	8.7245	0.5011	-2.7245	5.267	-0.517	0.001
111	15	13.7320	0.4921	1.2680	5.268	0.241	0.000
112	4	7.7091	0.7767	-3.7091	5.233	-0.709	0.003
113	9	10.9727	0.3180	-1.9727	5.281	-0.374	0.000
114	7	15.4912	0.8095	-8.4912	5.228	-1.624	0.016
115	2	7.3788	0.5897	-5.3788	5.257	-1.023	0.003
116	4	11.4678	0.5056	-7.4678	5.266	-1.418	0.005
117	9	8.3232	0.4546	0.6768	5.271	0.128	0.000
118	13	11.3089	0.5115	1.6911	5.266	0.321	0.000
119	8	7.9586	0.4061	0.0414	5.275	0.008	0.000
120	7	9.8785	0.3100	-2.8785	5.281	-0.545	0.000
121	6	5.1974	0.6991	0.8026	5.244	0.153	0.000
122	12	10.7958	0.4049	1.2042	5.275	0.228	0.000
123	6	10.5724	0.3508	-4.5724	5.279	-0.866	0.001
124	5	6.7454	0.4430	-1.7454	5.272	-0.331	0.000
125	8	14.0490	0.7086	-6.0490	5.243	-1.154	0.006
126	4	10.4484	0.4362	-6.4484	5.272	-1.223	0.003
127	8	11.4651	0.5096	-3.4651	5.266	-0.658	0.001
128	2	11.1197	0.4844	-9.1197	5.268	-1.731	0.006
129	3	9.0954	0.3899	-6.0954	5.276	-1.155	0.002
130	3	5.8121	0.6996	-2.8121	5.244	-0.536	0.001
131	15	14.4047	0.7289	0.5953	5.240	0.114	0.000
132	8	11.2638	0.6738	-3.2638	5.247	-0.622	0.002

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
133	1	7.9264	0.3841	-6.9264	5.276	-1.313	0.002
134	4	7.3435	0.5437	-3.3435	5.262	-0.635	0.001
135	0	4.7136	0.5319	-4.7136	5.264	-0.896	0.002
136	2	7.7251	0.3091	-5.7251	5.281	-1.084	0.001
137	2	6.7961	0.3785	-4.7961	5.277	-0.909	0.001
138	6	9.6450	0.3279	-3.6450	5.280	-0.690	0.000
139	4	9.1081	0.3157	-5.1081	5.281	-0.967	0.001
140	8	11.6116	0.7176	-3.6116	5.242	-0.689	0.002
141	1	8.6380	0.5689	-7.6380	5.260	-1.452	0.006
142	5	11.3716	0.6491	-6.3716	5.250	-1.214	0.006
143	4	9.8057	0.4057	-5.8057	5.275	-1.101	0.002
144	1	5.0534	0.4709	-4.0534	5.269	-0.769	0.001
145	6	6.6438	0.2988	-0.6438	5.282	-0.122	0.000
146	7	8.5797	0.4309	-1.5797	5.273	-0.300	0.000
147	3	9.5785	0.4247	-6.5785	5.273	-1.247	0.003
148	4	5.9394	0.5872	-1.9394	5.258	-0.369	0.000
149	6	10.5001	0.5424	-4.5001	5.263	-0.855	0.002
150	3	6.3491	0.4787	-3.3491	5.269	-0.636	0.001
151	7	8.2310	0.5163	-1.2310	5.265	-0.234	0.000
152	16	5.8606	0.3620	10.1394	5.278	1.921	0.004
153	7	7.2700	0.3711	-0.2700	5.277	-0.051	0.000
154	12	6.2858	0.3037	5.7142	5.282	1.082	0.001
155	1	3.1424	0.4502	-2.1424	5.271	-0.406	0.000
156	7	4.8273	0.3873	2.1727	5.276	0.412	0.000
157	0	5.5863	0.3310	-5.5863	5.280	-1.058	0.001
158	4	6.2054	0.3177	-2.2054	5.281	-0.418	0.000
159	11	6.7294	0.3510	4.2706	5.279	0.809	0.001
160	4	4.6518	0.3288	-0.6518	5.280	-0.123	0.000
161	2	4.0381	0.3890	-2.0381	5.276	-0.386	0.000
162	7	6.2783	0.3222	0.7217	5.281	0.137	0.000
163	3	3.5485	0.3734	-0.5485	5.277	-0.104	0.000
164	5	6.0121	0.4506	-1.0121	5.271	-0.192	0.000
165	7	7.7815	0.8956	-0.7815	5.214	-0.150	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
166	0	1.3971	0.6019	-1.3971	5.256	-0.266	0.000
167	7	2.9863	0.4274	4.0137	5.273	0.761	0.001
168	2	2.1905	0.4696	-0.1905	5.270	-0.036	0.000
169	8	7.6674	0.7205	0.3326	5.241	0.063	0.000
170	6	3.7606	0.3275	2.2394	5.280	0.424	0.000
171	4	5.1707	0.5007	-1.1707	5.267	-0.222	0.000
172	0	6.1512	0.3880	-6.1512	5.276	-1.166	0.002
173	8	5.3762	0.3640	2.6238	5.278	0.497	0.000
174	6	5.0835	0.3372	0.9165	5.280	0.174	0.000
175	4	5.2338	0.3717	-1.2338	5.277	-0.234	0.000
176	5	4.3723	0.3243	0.6277	5.281	0.119	0.000
177	7	4.4932	0.3276	2.5068	5.280	0.475	0.000
178	2	4.2840	0.4430	-2.2840	5.272	-0.433	0.000
179	4	4.6558	0.4621	-0.6558	5.270	-0.124	0.000
180	3	3.2421	0.3305	-0.2421	5.280	-0.046	0.000
181	3	6.0081	0.3986	-3.0081	5.275	-0.570	0.000
182	6	4.3005	0.3886	1.6995	5.276	0.322	0.000
183	5	4.7441	0.3449	0.2559	5.279	0.048	0.000
184	5	3.9102	0.3695	1.0898	5.278	0.206	0.000
185	6	3.7838	0.3644	2.2162	5.278	0.420	0.000
186	2	4.6121	0.3489	-2.6121	5.279	-0.495	0.000
187	5	3.4340	0.3304	1.5660	5.280	0.297	0.000
188	1	4.9839	0.3683	-3.9839	5.278	-0.755	0.001
189	3	4.3335	0.3415	-1.3335	5.279	-0.253	0.000
190	1	2.9873	0.3555	-1.9873	5.279	-0.376	0.000
191	3	4.7311	0.3612	-1.7311	5.278	-0.328	0.000
192	1	2.6793	0.3359	-1.6793	5.280	-0.318	0.000
193	1	3.2585	0.3857	-2.2585	5.276	-0.428	0.000
194	3	1.6809	0.3813	1.3191	5.277	0.250	0.000
195	4	3.5732	0.3335	0.4268	5.280	0.081	0.000
196	0	3.9873	0.4002	-3.9873	5.275	-0.756	0.001
197	3	3.5787	0.3761	-0.5787	5.277	-0.110	0.000
198	4	2.5945	0.3601	1.4055	5.278	0.266	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
199	0	3.3277	0.3781	-3.3277	5.277	-0.631	0.001
200	4	4.0475	0.3733	-0.0475	5.277	-0.009	0.000
201	10	2.6221	0.3416	7.3779	5.279	1.397	0.002
202	3	1.3489	0.3752	1.6511	5.277	0.313	0.000
203	1	2.4957	0.3416	-1.4957	5.279	-0.283	0.000
204	2	2.5196	0.3446	-0.5196	5.279	-0.098	0.000
205	1	0.7187	0.4009	0.2813	5.275	0.053	0.000
206	0	1.0905	0.3794	-1.0905	5.277	-0.207	0.000
207	2	1.6544	0.4110	0.3456	5.274	0.066	0.000
208	0	2.2060	0.3544	-2.2060	5.279	-0.418	0.000
209	4	2.2042	0.3544	1.7958	5.279	0.340	0.000
210	0	1.2678	0.4005	-1.2678	5.275	-0.240	0.000
211	0	0.6431	0.4088	-0.6431	5.275	-0.122	0.000
212	2	2.1894	0.3569	-0.1894	5.278	-0.036	0.000
213	3	1.5647	0.3565	1.4353	5.278	0.272	0.000
214	0	0.5130	0.4072	-0.5130	5.275	-0.097	0.000
215	3	1.3358	0.3707	1.6642	5.277	0.315	0.000
216	3	1.3757	0.3914	1.6243	5.276	0.308	0.000
217	0	1.9844	0.3792	-1.9844	5.277	-0.376	0.000
218	2	1.6506	0.3685	0.3494	5.278	0.066	0.000
219	0	-0.6467	0.4645	0.6467	5.270	0.123	0.000
220	0	0.6210	0.3913	-0.6210	5.276	-0.118	0.000
221	1	0.9492	0.3895	0.0508	5.276	0.010	0.000
222	1	2.9661	0.4091	-1.9661	5.275	-0.373	0.000
223	1	2.2862	0.3775	-1.2862	5.277	-0.244	0.000
224	1	0.3589	0.3898	0.6411	5.276	0.122	0.000
225	0	1.5609	0.3812	-1.5609	5.277	-0.296	0.000
226	2	1.2824	0.3698	0.7176	5.278	0.136	0.000
227	0	1.4879	0.4572	-1.4879	5.271	-0.282	0.000
228	0	0.1957	0.4056	-0.1957	5.275	-0.037	0.000
229	0	1.4271	0.3914	-1.4271	5.276	-0.270	0.000
230	1	0.3754	0.3825	0.6246	5.277	0.118	0.000
231	0	0.9945	0.3730	-0.9945	5.277	-0.188	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
232	0	0.5657	0.4026	-0.5657	5.275	-0.107	0.000
233	2	0.9319	0.4068	1.0681	5.275	0.202	0.000
234	2	0.8466	0.5025	1.1534	5.267	0.219	0.000
235	1	1.5529	0.4299	-0.5529	5.273	-0.105	0.000
236	0	0.7895	0.4181	-0.7895	5.274	-0.150	0.000
237	1	1.1755	0.4149	-0.1755	5.274	-0.033	0.000
238	1	1.9505	0.4224	-0.9505	5.274	-0.180	0.000
239	1	1.2565	0.3913	-0.2565	5.276	-0.049	0.000
240	2	-0.3542	0.4229	2.3542	5.274	0.446	0.000
241	1	1.4375	0.4097	-0.4375	5.275	-0.083	0.000
242	0	0.9926	0.4070	-0.9926	5.275	-0.188	0.000
243	0	0.3955	0.4500	-0.3955	5.271	-0.075	0.000
244	0	-0.1598	0.4078	0.1598	5.275	0.030	0.000
245	1	1.5822	0.4157	-0.5822	5.274	-0.110	0.000
246	0	0.1752	0.3955	-0.1752	5.276	-0.033	0.000
247	0	0.3820	0.4118	-0.3820	5.274	-0.072	0.000
248	0	-0.8655	0.4115	0.8655	5.274	0.164	0.000
249	0	0.006434	0.4058	-0.006434	5.275	-0.001	0.000
250	2	-0.0230	0.4196	2.0230	5.274	0.384	0.000
251	0	-0.3985	0.4142	0.3985	5.274	0.076	0.000
252	0	-0.1237	0.4078	0.1237	5.275	0.023	0.000
253	0	-0.8158	0.4508	0.8158	5.271	0.155	0.000
254	0	-0.4164	0.4746	0.4164	5.269	0.079	0.000
255	1	-1.2484	0.4242	2.2484	5.273	0.426	0.000
256	1	-0.0304	0.4226	1.0304	5.274	0.195	0.000
257	0	-0.7520	0.4124	0.7520	5.274	0.143	0.000
258	0	-0.1986	0.4386	0.1986	5.272	0.038	0.000
259	1	-0.2004	0.4407	1.2004	5.272	0.228	0.000
260	0	-1.4098	0.4243	1.4098	5.273	0.267	0.000
261	1	-1.2853	0.4214	2.2853	5.274	0.433	0.000
262	0	-0.6367	0.4161	0.6367	5.274	0.121	0.000
263	1	-0.8877	0.4197	1.8877	5.274	0.358	0.000
264	0	-0.8638	0.4389	0.8638	5.272	0.164	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
265	0	-1.2650	0.4293	1.2650	5.273	0.240	0.000
266	1	-0.7944	0.4190	1.7944	5.274	0.340	0.000
267	0	-0.6165	0.4363	0.6165	5.272	0.117	0.000
268	1	-1.2687	0.4311	2.2687	5.273	0.430	0.000
269	0	-0.6478	0.4243	0.6478	5.273	0.123	0.000
270	0	-1.5473	0.4288	1.5473	5.273	0.293	0.000
271	1	-1.0491	0.4215	2.0491	5.274	0.389	0.000
272	1	-0.8987	0.4269	1.8987	5.273	0.360	0.000
273	1	-0.8018	0.4227	1.8018	5.274	0.342	0.000
274	0	-1.4264	0.4271	1.4264	5.273	0.271	0.000
275	0	-1.3037	0.4259	1.3037	5.273	0.247	0.000
276	0	-1.1792	0.4247	1.1792	5.273	0.224	0.000
277	0	-1.2780	0.4366	1.2780	5.272	0.242	0.000
278	0	-1.4301	0.4284	1.4301	5.273	0.271	0.000
279	0	-0.1036	0.4768	0.1036	5.269	0.020	0.000
280	0	-1.3093	0.4284	1.3093	5.273	0.248	0.000
281	1	-1.4062	0.4419	2.4062	5.272	0.456	0.000
282	0	-1.1314	0.4616	1.1314	5.270	0.215	0.000
283	0	-1.1590	0.4385	1.1590	5.272	0.220	0.000
284	1	-1.0344	0.4370	2.0344	5.272	0.386	0.000
285	1	-1.3111	0.4293	2.3111	5.273	0.438	0.000
286	0	-0.9117	0.4379	0.9117	5.272	0.173	0.000
287	0	-1.1332	0.4635	1.1332	5.270	0.215	0.000
288	0	-1.0638	0.4296	1.0638	5.273	0.202	0.000
289	0	-1.6885	0.4368	1.6885	5.272	0.320	0.000
290	0	-1.5639	0.4344	1.5639	5.273	0.297	0.000
291	0	-1.2891	0.4450	1.2891	5.272	0.245	0.000
292	0	-1.5658	0.4353	1.5658	5.273	0.297	0.000
293	0	-1.5658	0.4353	1.5658	5.273	0.297	0.000
294	0	-1.4173	0.4503	1.4173	5.271	0.269	0.000
295	1	-1.2946	0.4499	2.2946	5.271	0.435	0.000
296	0	-1.6959	0.4404	1.6959	5.272	0.322	0.000
297	0	-1.5713	0.4384	1.5713	5.272	0.298	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

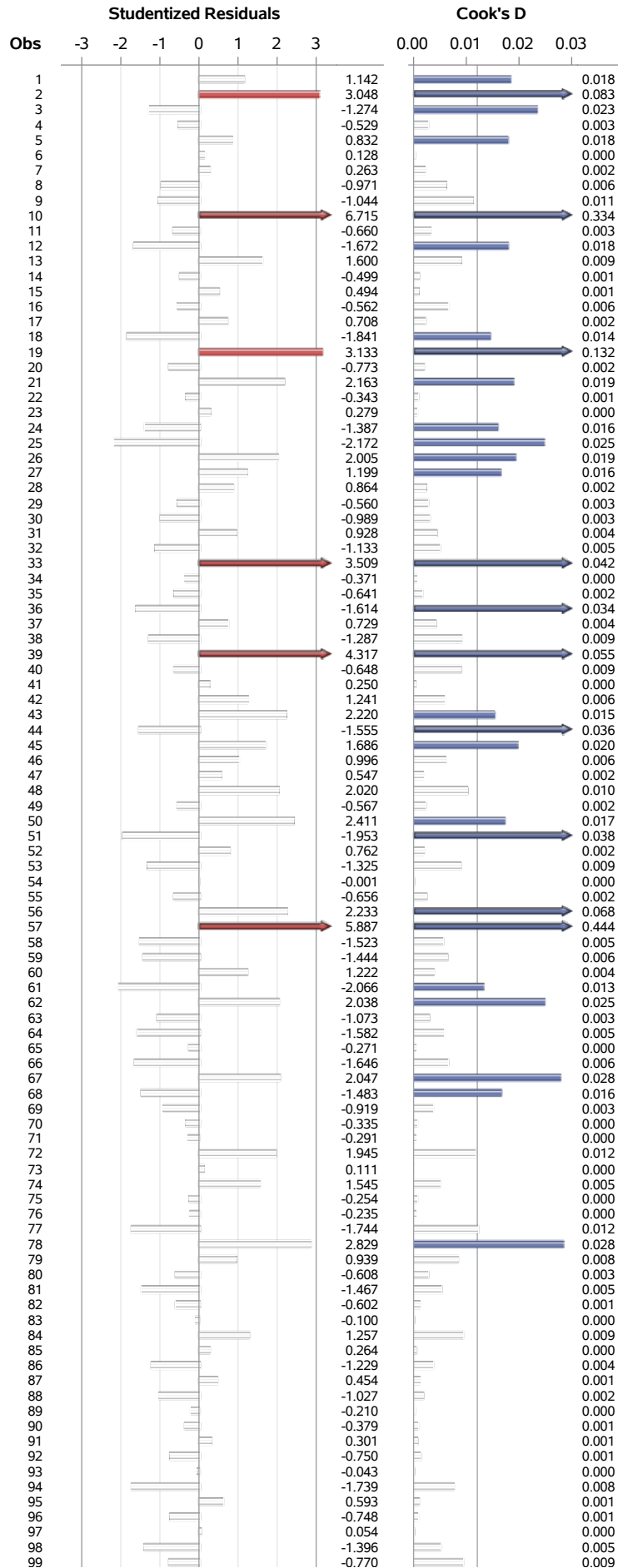
Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
298	0	-1.3222	0.4362	1.3222	5.272	0.251	0.000
299	0	-1.3241	0.4375	1.3241	5.272	0.251	0.000
300	0	-1.4486	0.4382	1.4486	5.272	0.275	0.000
301	0	-1.4210	0.4535	1.4210	5.271	0.270	0.000
302	0	-1.2965	0.4516	1.2965	5.271	0.246	0.000
303	0	-1.6977	0.4415	1.6977	5.272	0.322	0.000
304	0	-1.1995	0.4374	1.1995	5.272	0.228	0.000
305	0	-1.4505	0.4395	1.4505	5.272	0.275	0.000
306	0	-1.4229	0.4552	1.4229	5.271	0.270	0.000
307	0	-1.6996	0.4426	1.6996	5.272	0.322	0.000
308	0	-1.5750	0.4408	1.5750	5.272	0.299	0.000
309	0	-1.8241	0.4450	1.8241	5.272	0.346	0.000
310	0	-1.8241	0.4450	1.8241	5.272	0.346	0.000
311	0	-1.6996	0.4426	1.6996	5.272	0.322	0.000
312	0	-1.4505	0.4395	1.4505	5.272	0.275	0.000
313	0	-1.4229	0.4552	1.4229	5.271	0.270	0.000
314	0	-1.4247	0.4569	1.4247	5.271	0.270	0.000
315	0	-1.7014	0.4437	1.7014	5.272	0.323	0.000
316	0	-1.5769	0.4420	1.5769	5.272	0.299	0.000
317	0	-1.7014	0.4437	1.7014	5.272	0.323	0.000
318	0	-1.8260	0.4460	1.8260	5.272	0.346	0.000
319	0	-1.8260	0.4460	1.8260	5.272	0.346	0.000
320	0	-1.4266	0.4587	1.4266	5.271	0.271	0.000
321	0	-1.7033	0.4449	1.7033	5.272	0.323	0.000
322	0	-1.8278	0.4471	1.8278	5.272	0.347	0.000
323	0	-1.8278	0.4471	1.8278	5.272	0.347	0.000
324	0	-1.7033	0.4449	1.7033	5.272	0.323	0.000
325	0	-1.8278	0.4471	1.8278	5.272	0.347	0.000
326	0	-1.4266	0.4587	1.4266	5.271	0.271	0.000
327	0	-1.4266	0.4587	1.4266	5.271	0.271	0.000
328	0	-1.8278	0.4471	1.8278	5.272	0.347	0.000
329	0	-1.8297	0.4483	1.8297	5.271	0.347	0.000

The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Output Statistics							
Obs	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	Cook's D
330	0	-1.7051	0.4462	1.7051	5.272	0.323	0.000
331	0	-1.8315	0.4495	1.8315	5.271	0.347	0.000

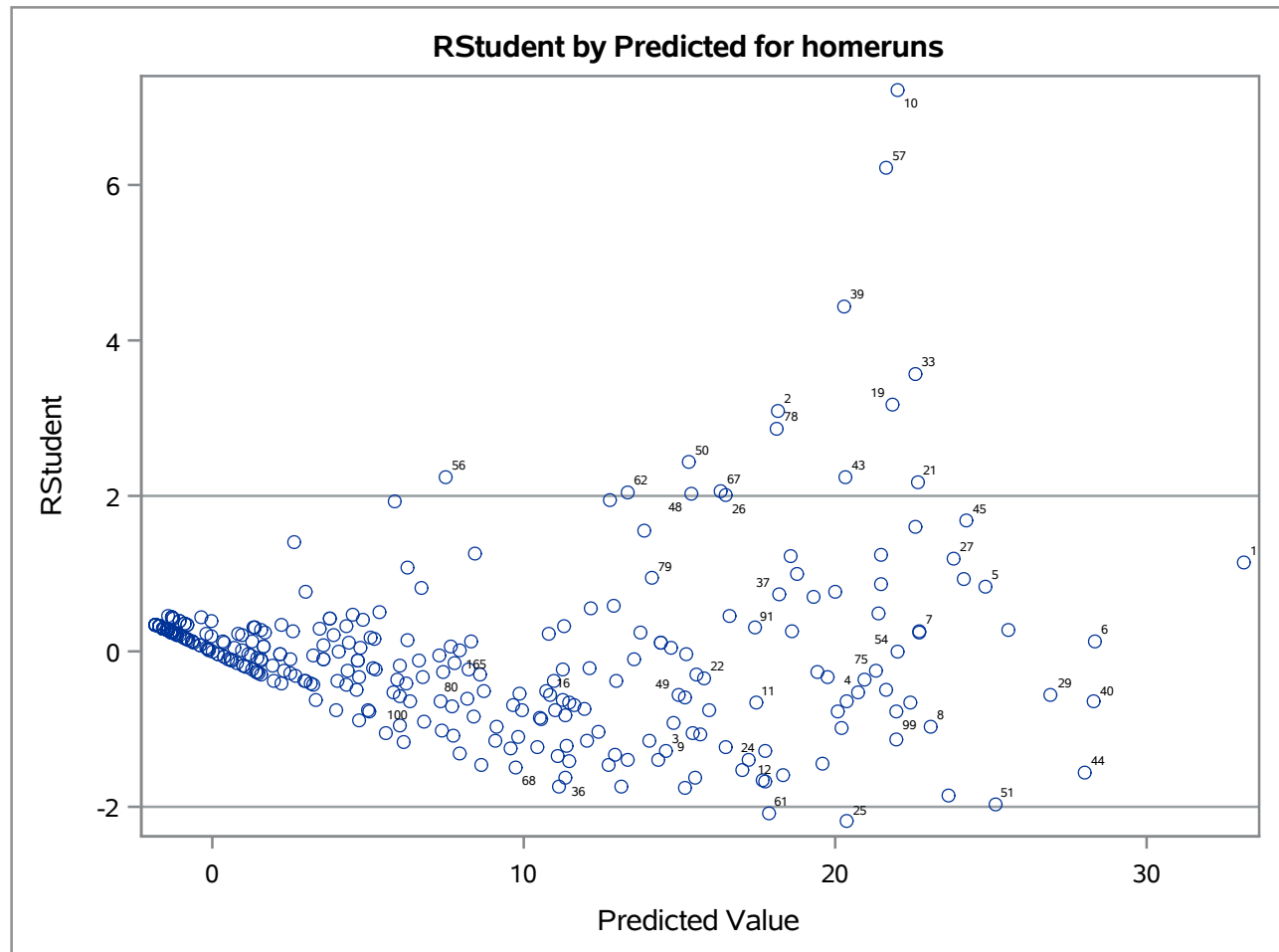
The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Studentized Residuals and Cook's D for homeruns

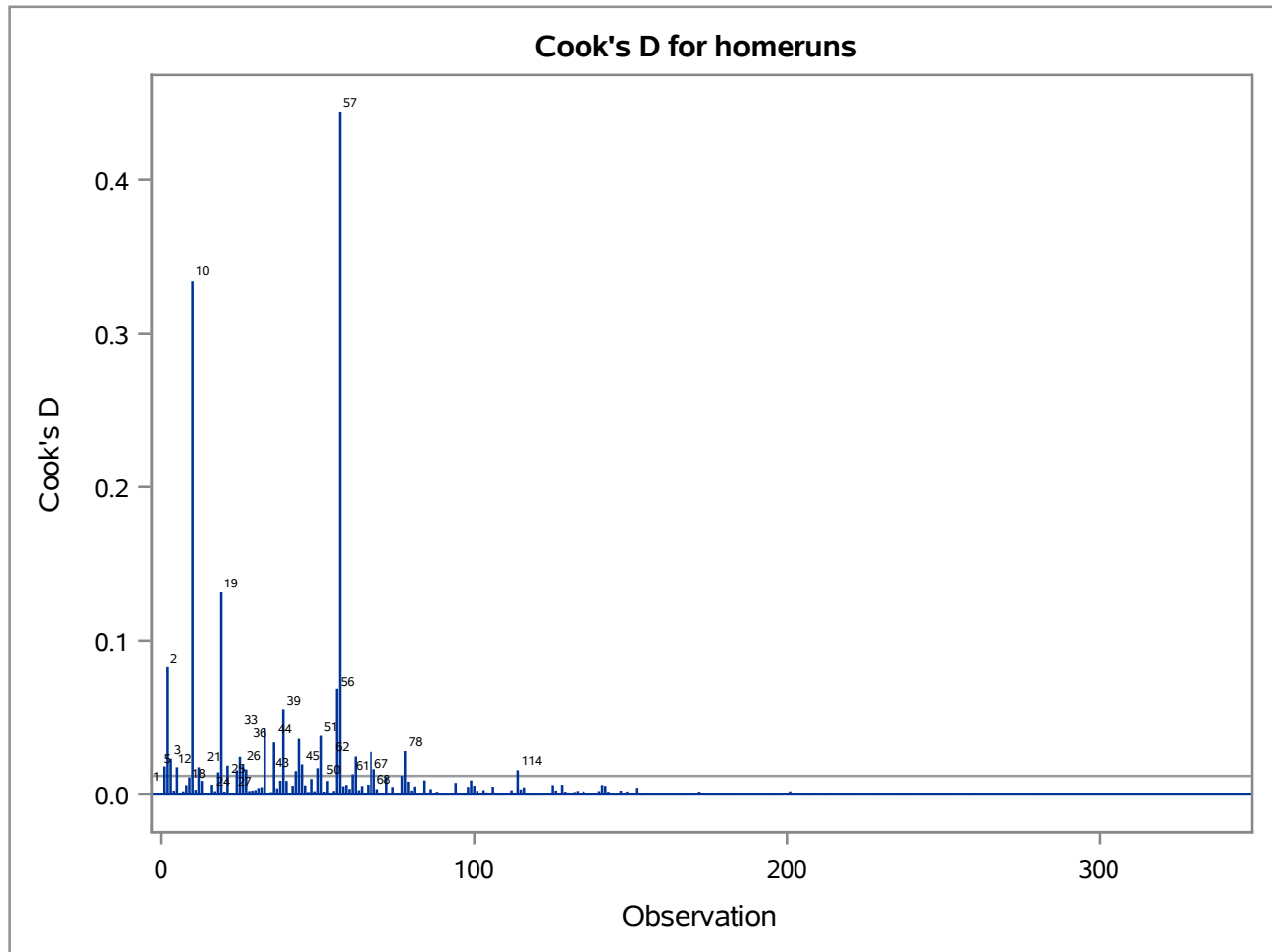


The REG Procedure
Model: MODEL1
Dependent Variable: homeruns

Sum of Residuals	0
Sum of Squared Residuals	9152.39529
Predicted Residual SS (PRESS)	9592.88937

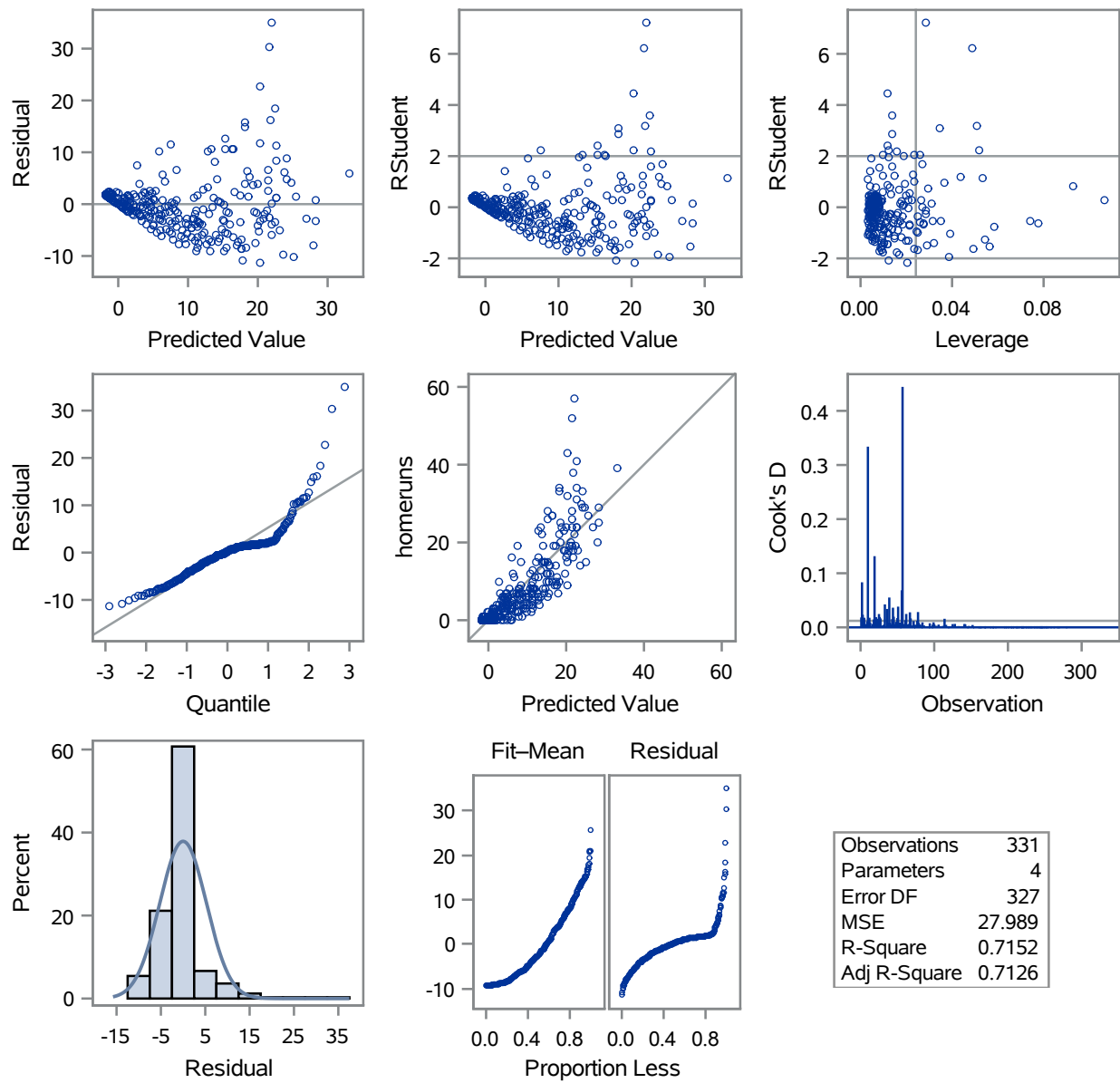


The REG Procedure
Model: MODEL1

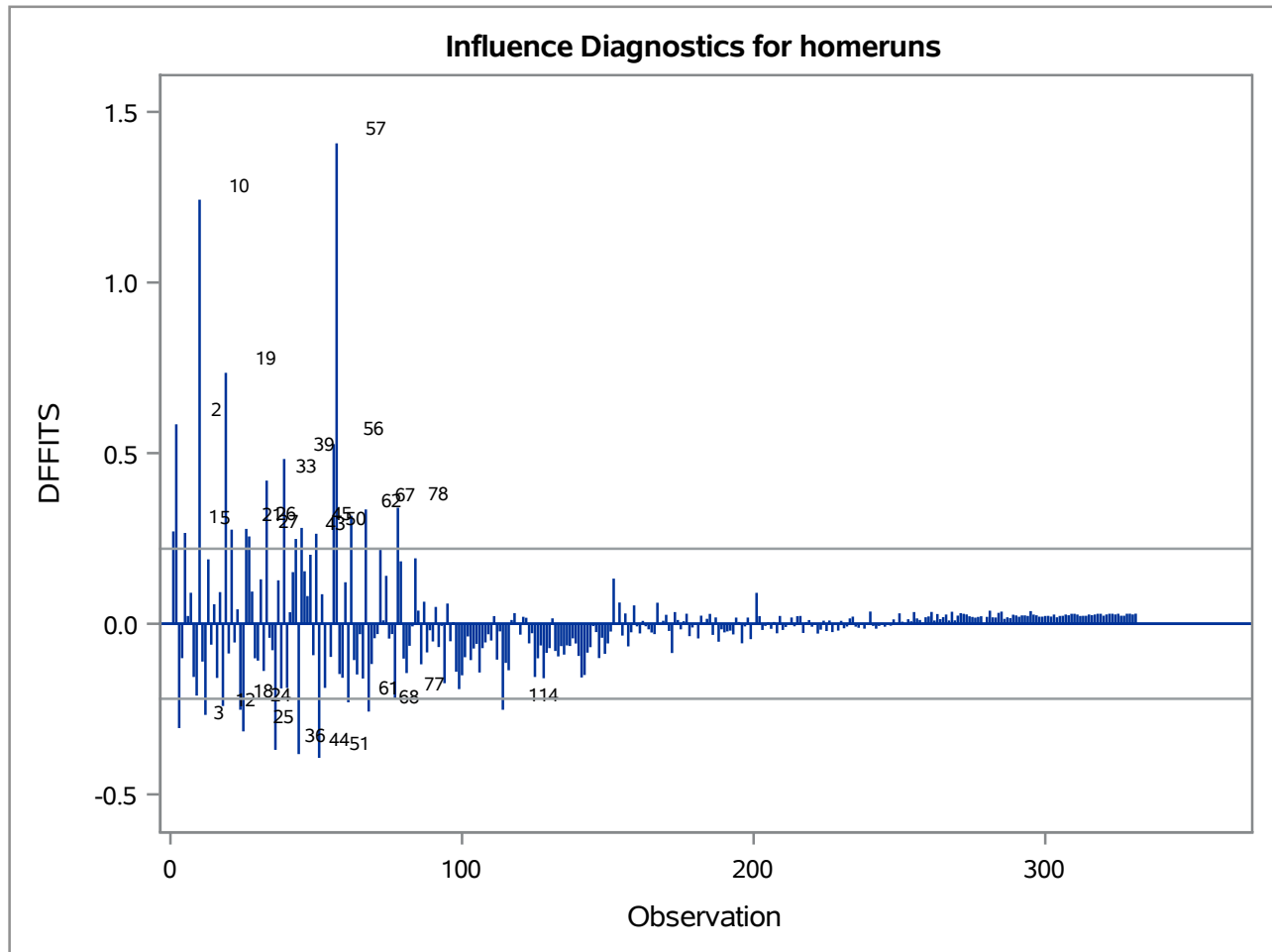


The REG Procedure
Model: MODEL1

Fit Diagnostics for homeruns



The REG Procedure
Model: MODEL1



The REG Procedure
Model: MODEL1

