

The SAS System

The REG Procedure

Model: MODEL1

Dependent Variable: H

Number of Observations Read	37
Number of Observations Used	37

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	713520	356760	16.48	<.0001
Error	34	736024	21648		
Corrected Total	36	1449544			

Root MSE	147.13176	R-Square	0.4922
Dependent Mean	3015.70270	Adj R-Sq	0.4624
Coeff Var	4.87885		

Parameter Estimates						
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	1	977.42536	376.05311	2.60	0.0137	0
M	1	17.77770	4.94281	3.60	0.0010	1.00965
W	1	6.24364	1.52213	4.10	0.0002	1.00965

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Output Statistics								
Obs	Residual	RStudent	Hat Diag H	Cov Ratio	DFFITS	DFBETAS		
						Intercept	M	W
1	86.9116	0.6352	0.1505	1.2413	0.2673	-0.2278	0.1692	0.1558
2	30.6256	0.2137	0.0779	1.1812	0.0621	0.0014	0.0276	-0.0444
3	-57.0960	-0.3910	0.0395	1.1230	-0.0793	0.0310	-0.0152	-0.0402
4	-117.8746	-0.8719	0.1616	1.2184	-0.3829	-0.2390	0.3347	-0.1323
5	-281.9845	-2.0961	0.0806	0.8176	-0.6205	0.4795	-0.4506	-0.1846
6	131.6324	0.9058	0.0296	1.0470	0.1583	0.0078	0.0268	-0.0412
7	164.7929	1.1476	0.0385	1.0115	0.2297	-0.0743	0.0250	0.1200
8	-30.4228	-0.2201	0.1422	1.2694	-0.0896	-0.0164	0.0542	-0.0647
9	139.1880	0.9590	0.0293	1.0375	0.1666	0.0138	0.0218	-0.0429
10	-34.4296	-0.2366	0.0487	1.1438	-0.0535	-0.0100	0.0250	-0.0278
11	217.9659	1.5382	0.0351	0.9209	0.2935	-0.0533	0.1245	-0.0778
12	20.7929	0.1420	0.0385	1.1354	0.0284	-0.0092	0.0031	0.0148
13	-109.2075	-0.7623	0.0637	1.1085	-0.1988	-0.0705	0.1261	-0.0947
14	-126.8196	-0.9045	0.0967	1.1250	-0.2960	-0.2541	0.1760	0.1612
15	228.5710	1.6482	0.0667	0.9243	0.4406	-0.3210	0.2886	0.1502
16	123.8750	0.8746	0.0797	1.1094	0.2573	0.1994	-0.2072	-0.0077
17	235.8577	1.6731	0.0334	0.8863	0.3110	-0.1160	0.1023	0.0791
18	-164.4391	-1.2619	0.2020	1.1898	-0.6348	0.3784	-0.5684	0.2161
19	60.8750	0.4261	0.0797	1.1689	0.1253	0.0971	-0.1010	-0.0037
20	32.0796	0.2198	0.0437	1.1387	0.0470	0.0184	-0.0265	0.0144
21	-45.4427	-0.3208	0.0978	1.2010	-0.1056	-0.0839	0.0894	0.0006
22	91.2119	0.6837	0.1908	1.2958	0.3320	0.0411	0.1355	-0.2881
23	225.7644	1.5917	0.0288	0.9020	0.2739	0.0055	0.0452	-0.0539
24	182.4312	1.2721	0.0326	0.9793	0.2337	-0.0396	0.0883	-0.0483
25	143.3173	1.0406	0.1216	1.1301	0.3871	-0.2223	0.0657	0.3270
26	-59.5691	-0.4062	0.0307	1.1116	-0.0723	-0.0295	0.0217	0.0105
27	41.3019	0.2815	0.0327	1.1226	0.0518	0.0081	-0.0155	0.0165
28	-95.1243	-0.6540	0.0391	1.0950	-0.1318	0.0412	-0.0702	0.0273
29	-150.6044	-1.0589	0.0622	1.0550	-0.2727	0.1869	-0.1413	-0.1342

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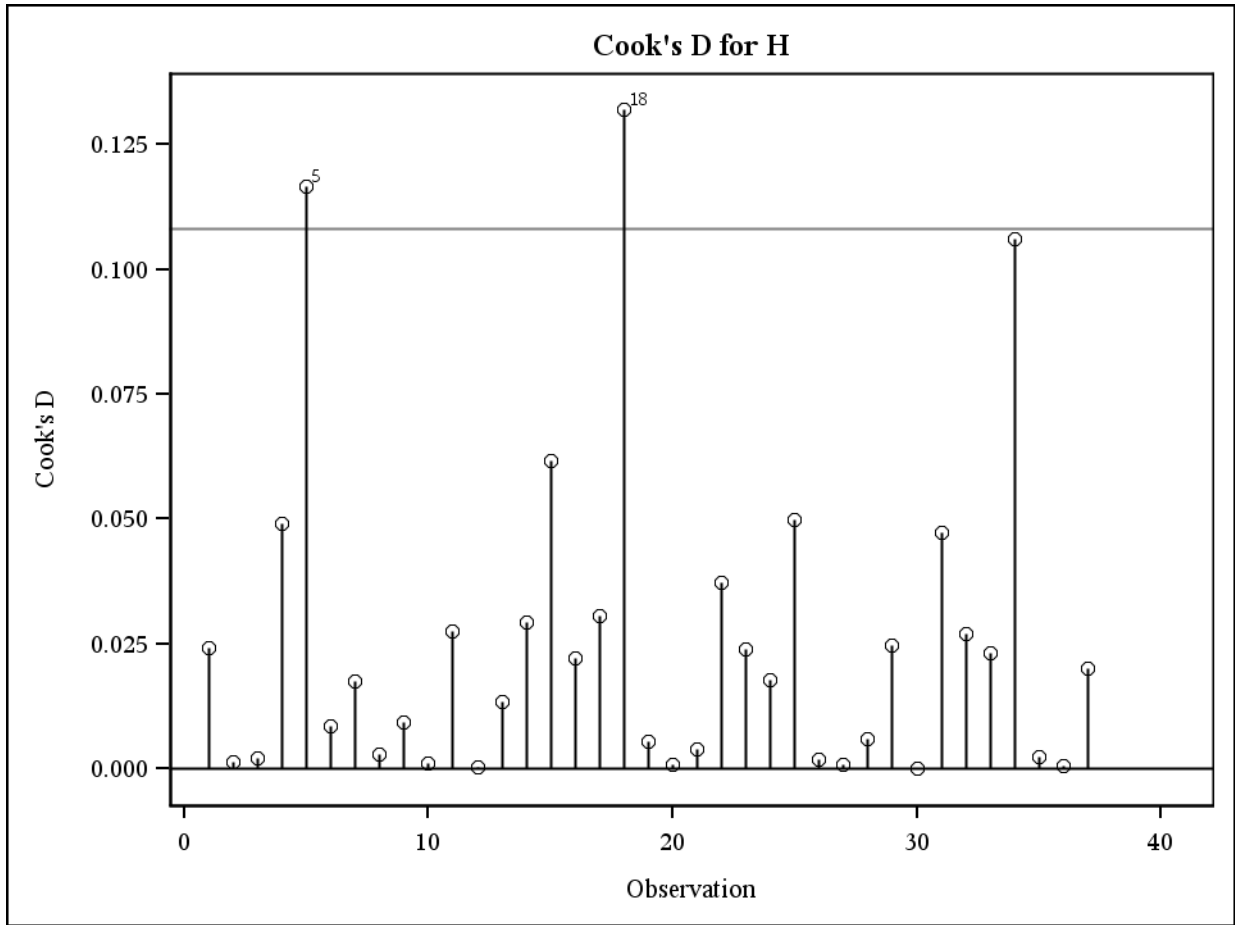
Dependent Variable: H

Output Statistics								
Obs	Residual	RStudent	Hat Diag H	Cov Ratio	DFFITS	DFBETAS		
						Intercept	M	W
30	-16.3467	-0.1111	0.0297	1.1259	-0.0194	0.0009	-0.0047	0.0039
31	-243.7159	-1.7473	0.0470	0.8801	-0.3881	0.0523	0.0694	-0.2490
32	-107.3494	-0.7725	0.1184	1.1757	-0.2831	0.1368	-0.0155	-0.2456
33	-178.6623	-1.2516	0.0430	0.9944	-0.2654	-0.1503	0.0698	0.1386
34	-251.2173	-1.8532	0.0904	0.8934	-0.5842	0.2288	-0.4359	0.2634
35	25.7671	0.1883	0.1595	1.2970	0.0820	0.0384	0.0042	-0.0747
36	9.0997	0.0710	0.2629	1.4832	0.0424	0.0394	-0.0266	-0.0273
37	-121.7552	-0.8571	0.0751	1.1069	-0.2441	-0.0321	-0.0845	0.1835

Sum of Residuals	0
Sum of Squared Residuals	736024
Predicted Residual SS (PRESS)	852966

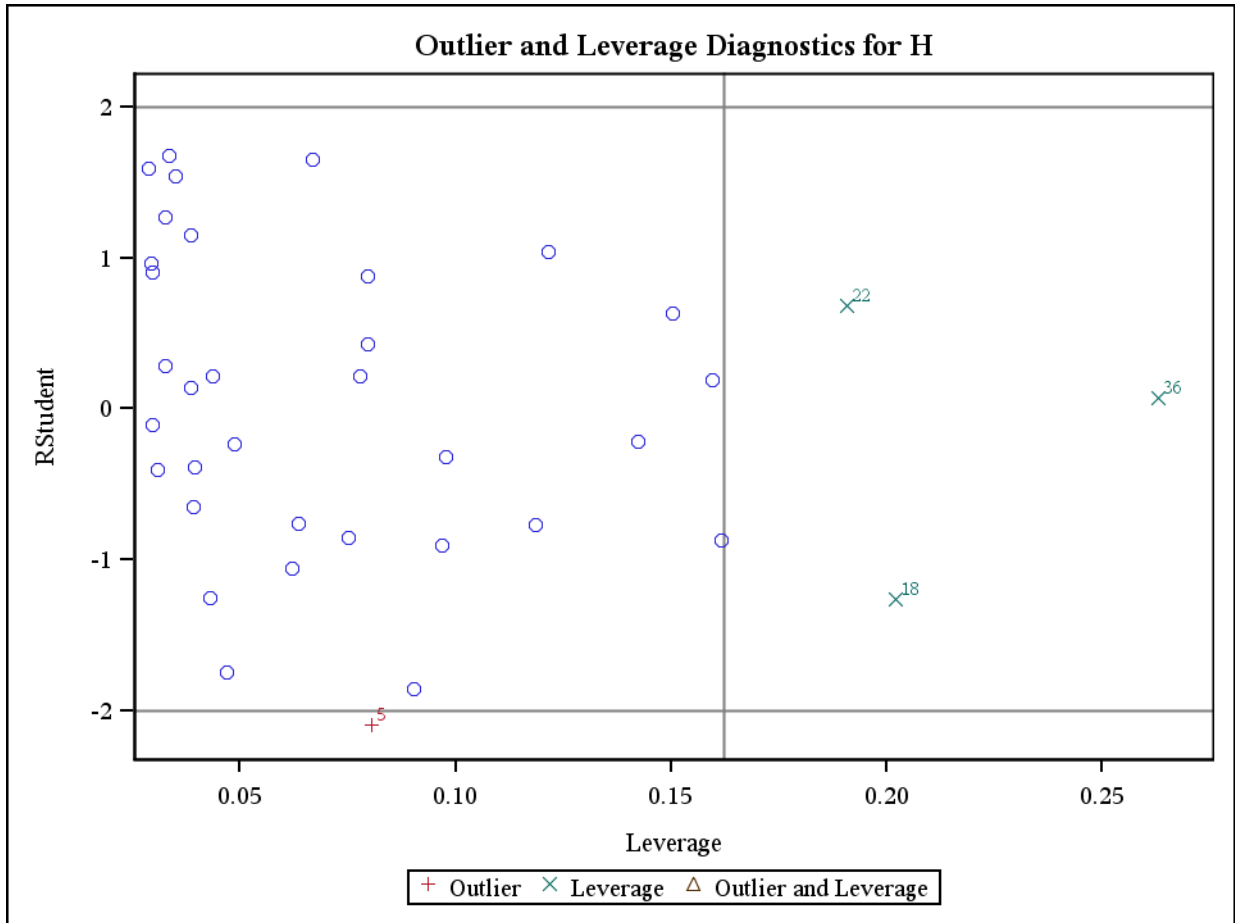
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Model: MODEL1



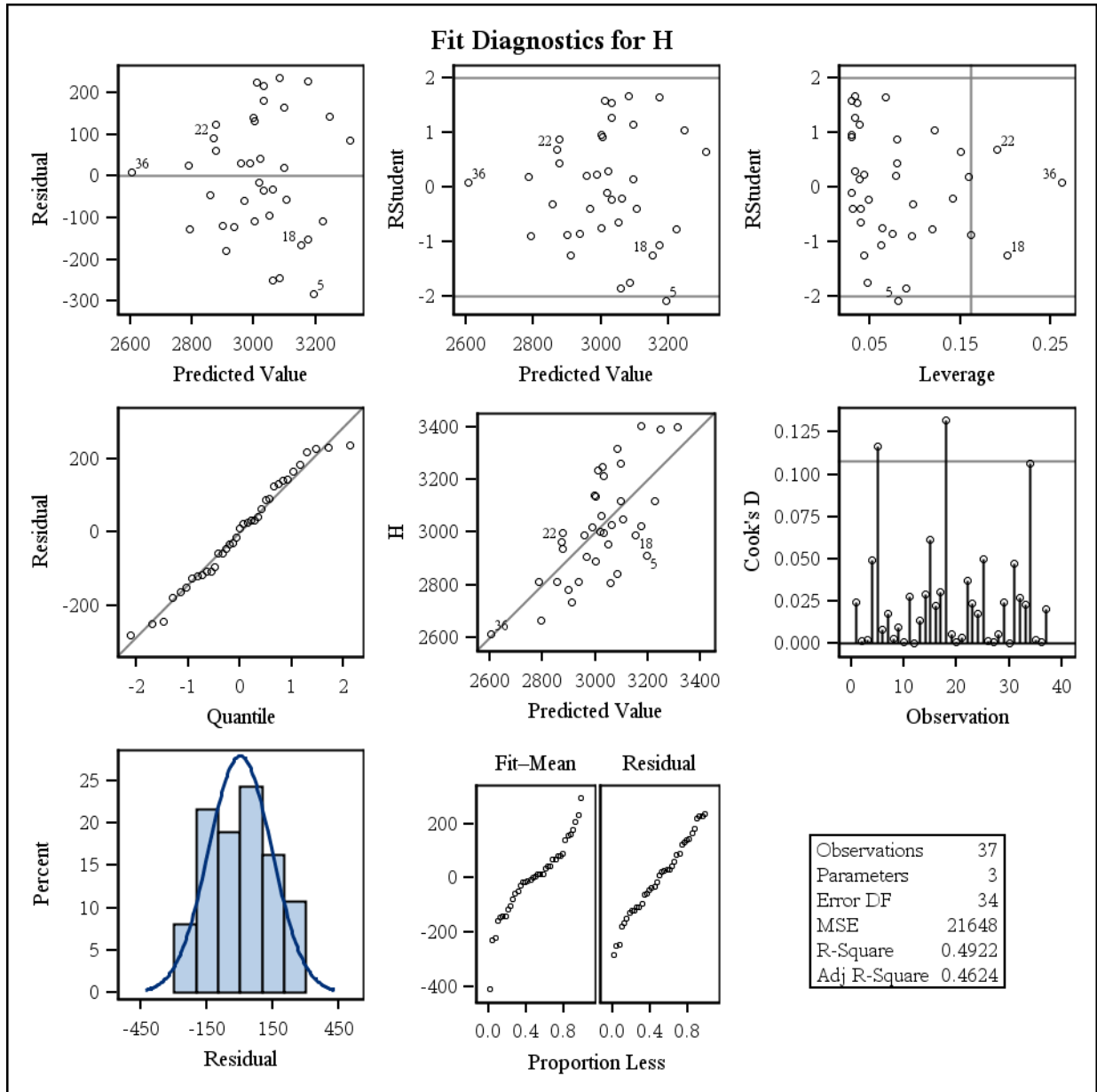
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The REG Procedure
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