The REG Procedure
Model: PREDICT
Dependent Variable: Oxygen_Consumption

Number of Observations Read	31
Number of Observations Used	31

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	711.45087	177.86272	33.01	<.0001
Error	26	140.10368	5.38860		
Corrected Total	30	851.55455			

Root MSE	2.32134	R-Square	0.8355
Dependent Mean	47.37581	Adj R-Sq	0.8102
Coeff Var	4.89984		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	97.16952	11.65703	8.34	<.0001
Runtime	1	-2.77576	0.34159	-8.13	<.0001
Age	1	-0.18903	0.09439	-2.00	0.0557
Run_Pulse	1	-0.34568	0.11820	-2.92	0.0071
Maximum_Pulse	1	0.27188	0.13438	2.02	0.0534

The REG Procedure
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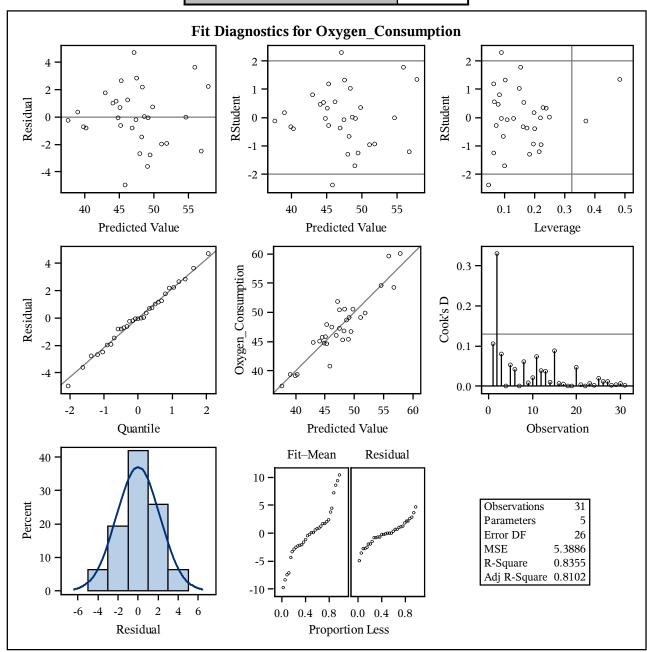| Obs	Name	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	-2-1 0 1 2	Cook's D
1	Donna	59.5700	55.9333	0.9104	3.6367	2.135	1.703	| |*** |	0.105
2	Gracie	60.0600	57.8362	1.6123	2.2238	1.670	1.332	| |** |	0.331
3	Luanne	54.3000	56.7812	1.0775	-2.4812	2.056	-1.207	| **| |	0.080
4	Mimi	54.6300	54.6309	1.0870	-0.000855	2.051	-0.0004	| | |	0.000
5	Chris	49.1600	51.1400	1.0944	-1.9800	2.047	-0.967	| *| |	0.053
6	Allen	49.8700	51.8017	1.0289	-1.9317	2.081	-0.928	| *| |	0.042
7	Nancy	48.6700	48.6324	1.1572	0.0376	2.012	0.0187	| | |	0.000
8	Patty	45.4400	49.0505	0.7369	-3.6105	2.201	-1.640	| ***| |	0.060
9	Suzanne	50.5500	49.8128	1.1088	0.7372	2.039	0.361	| | |	0.008
10	Teresa	46.6700	49.4476	0.5870	-2.7776	2.246	-1.237	| **| |	0.021
11	Bob	45.3100	48.0039	0.9914	-2.6939	2.099	-1.283	| **| |	0.074
12	Harriett	50.3900	47.5295	0.7404	2.8605	2.200	1.300	| |** |	0.038
13	Jane	50.5400	48.3358	0.8977	2.2042	2.141	1.030	| |** |	0.037
14	Harold	46.7700	48.2332	0.7191	-1.4632	2.207	-0.663	| *| |	0.009
15	Sammy	51.8500	47.1255	0.6916	4.7245	2.216	2.132	| |**** |	0.089
16	Buffy	45.7900	45.0953	1.1324	0.6947	2.026	0.343	| | |	0.007
17	Trent	47.4700	46.1928	0.6021	1.2772	2.242	0.570	| |* |	0.005
18	Jackie	47.2700	47.4507	0.7650	-0.1807	2.192	-0.0824	| | |	0.000
19	Ralph	49.0900	49.1442	0.8383	-0.0542	2.165	-0.0250	| | |	0.000
20	Jack	40.8400	45.8241	0.5012	-4.9841	2.267	-2.199	| ****| |	0.047
21	Annie	45.1200	44.0805	0.6552	1.0395	2.227	0.467	| | |	0.004
22	Kate	44.7500	44.8084	0.6962	-0.0584	2.214	-0.0264	| | |	0.000
23	Carl	46.0800	46.8913	0.9678	-0.8113	2.110	-0.385	| | |	0.006
24	Don	44.6100	45.2434	0.6258	-0.6334	2.235	-0.283	| | |	0.001
25	Effie	47.9200	45.2606	0.5914	2.6594	2.245	1.185	| |** |	0.019
26	George	44.8100	43.0147	0.6715	1.7953	2.222	0.808	| |* |	0.012
27	Iris	45.6800	44.5372	0.9404	1.1428	2.122	0.538	| |* |	0.011
28	Mark	39.4100	39.0401	1.0345	0.3699	2.078	0.178	| | |	0.002
29	Steve	39.2000	39.8997	0.9334	-0.6997	2.125	-0.329	| | |	0.004

The REG Procedure
Model: PREDICT
Dependent Variable: Oxygen_Consumption

						DFBETAS				
Obs	Name	RStudent	Hat Diag H	Cov Ratio	DFFITS	Intercept	Runtime	Age	Run_Pulse	Maximum_Pulse
1	Donna	1.7718	0.1538	0.7959	0.7554	0.3224	-0.4897	-0.2658	0.0429	-0.0645
2	Gracie	1.3526	0.4824	1.6512	1.3059	-0.2501	-0.2278	-0.1814	-0.9617	1.0269
3	Luanne	-1.2179	0.2155	1.1625	-0.6383	-0.2127	0.1280	0.1711	0.4084	-0.3017
4	Mimi	-0.000409	0.2193	1.5584	-0.0002	-0.0001	0.0000	0.0000	0.0001	-0.0000
5	Chris	-0.9659	0.2223	1.3025	-0.5164	0.3170	0.3586	-0.2798	0.0185	-0.1792
6	Allen	-0.9258	0.1964	1.2793	-0.4577	-0.1713	0.1658	0.2883	-0.1994	0.1722
7	Nancy	0.0183	0.2485	1.6188	0.0105	-0.0066	-0.0068	0.0053	0.0024	0.0013
8	Patty	-1.6986	0.1008	0.7837	-0.5686	-0.1222	0.2861	-0.2036	-0.2434	0.2592
9	Suzanne	0.3554	0.2281	1.5371	0.1932	0.0410	-0.0131	0.0855	-0.0535	0.0123
10	Teresa	-1.2501	0.0640	0.9599	-0.3267	-0.0110	0.0772	-0.1368	0.1031	-0.0728
11	Bob	-1.3004	0.1824	1.0728	-0.6142	-0.0468	0.1717	0.2723	-0.3517	0.2417
12	Harriett	1.3185	0.1017	0.9678	0.4437	0.1915	-0.1360	-0.0240	0.3244	-0.3440
13	Jane	1.0309	0.1495	1.1618	0.4323	0.3126	-0.0365	-0.2488	0.2873	-0.3456
14	Harold	-0.6556	0.0960	1.2358	-0.2136	-0.1571	0.0053	0.0673	-0.0956	0.1445
15	Sammy	2.3015	0.0888	0.5108	0.7183	-0.2238	-0.2043	0.5401	-0.0218	0.0657
16	Buffy	0.3369	0.2380	1.5609	0.1883	-0.1515	-0.0760	0.1269	0.0236	0.0439
17	Trent	0.5622	0.0673	1.2250	0.1510	-0.0311	-0.0440	0.0847	0.0541	-0.0386
18	Jackie	-0.0809	0.1086	1.3631	-0.0282	-0.0221	-0.0047	0.0131	-0.0113	0.0187
19	Ralph	-0.0245	0.1304	1.3989	-0.0095	-0.0046	-0.0044	0.0058	0.0046	-0.0022
20	Jack	-2.3899	0.0466	0.4561	-0.5285	0.1134	-0.0650	-0.2420	0.0479	-0.0489
21	Annie	0.4597	0.0797	1.2675	0.1352	0.0012	-0.0014	0.0325	0.0860	-0.0790
22	Kate	-0.0259	0.0900	1.3367	-0.0081	-0.0024	-0.0012	0.0036	-0.0054	0.0053
23	Carl	-0.3781	0.1738	1.4313	-0.1734	0.0174	-0.0566	-0.0683	0.1177	-0.0891
24	Don	-0.2783	0.0727	1.2919	-0.0779	0.0165	-0.0278	0.0259	0.0055	-0.0146
25	Effie	1.1944	0.0649	0.9858	0.3146	-0.0823	0.1695	0.0151	-0.1650	0.1576
26	George	0.8024	0.0837	1.1692	0.2425	0.0290	0.0797	-0.0606	0.1446	-0.1366
27	Iris	0.5310	0.1641	1.3762	0.2353	0.0593	0.1408	-0.1738	-0.0086	-0.0087
28	Mark	0.1747	0.1986	1.5089	0.0870	-0.0520	0.0295	0.0596	-0.0031	0.0132
29	Steve	-0.3235	0.1617	1.4213	-0.1421	0.0422	-0.0975	-0.0495	0.0363	-0.0287

The REG Procedure
Model: PREDICT
Dependent Variable: Oxygen_Consumption

Obs	Name	Dependent Variable	Predicted Value	Std Error Mean Predict	Residual	Std Error Residual	Student Residual	-2 -1 0 1 2	Cook's D
Output Statistics									
30	Vaughn	39.4400	40.2483	1.0370	-0.8083	2.077	-0.389	| | |	0.008
31	William	37.3900	37.6243	1.4139	-0.2343	1.841	-0.127	| | |	0.002

The REG Procedure
Model: PREDICT
Dependent Variable: Oxygen_Consumption

							DFBETAS			
Obs	Name	RStudent	Hat Diag H	Cov Ratio	DFFITS	Intercept	Runtime	Age	Run_Pulse	Maximum_Pulse
30	Vaughn	-0.3828	0.1995	1.4762	-0.1911	-0.0447	-0.1572	0.1036	-0.0150	0.0382
31	William	-0.1248	0.3710	1.9281	-0.0959	0.0480	-0.0673	0.0053	0.0378	-0.0475

Sum of Residuals	0
Sum of Squared Residuals	140.10368
Predicted Residual SS (PRESS)	190.90531

Fit Diagnostics for Oxygen_Consumption

Observations	31
Parameters	5
Error DF	26
MSE	5.3886
R-Square	0.8355
Adj R-Square	0.8102

The REG Procedure
Model: PREDICT

Residual by Regressors for Oxygen_Consumption