Fitness

Rows	Name	Sex	Age	Weight	Oxy	Runtime	RunPulse	RstPulse	MaxPulse
1	Donna	F	42	68.15	59.57	8.17	166	40	172
2	Gracie	F	38	81.87	60.06	8.63	170	48	186
3	Luanne	F	43	85.84	54.30	8.65	156	45	168
4	Mimi	F	50	70.87	54.63	8.92	146	48	155
5	Chris	M	49	81.42	49.16	8.95	180	44	185
6	Allen	M	38	89.02	49.87	9.22	178	55	180
7	Nancy	F	49	76.32	48.67	9.40	186	56	188
8	Patty	F	52	76.32	45.44	9.63	164	48	166
9	Suzanne	F	57	59.08	50.55	9.93	148	49	155
10	Teresa	F	51	77.91	46.67	10.00	162	48	168
11	Bob	M	40	75.07	45.31	10.07	185	62	185
12	Harriett	F	49	73.37	50.39	10.08	168	67	168
13	Jane	F	44	73.03	50.54	10.13	168	45	168
14	Harold	M	48	91.63	46.77	10.25	162	48	164
15	Sammy	M	54	83.12	51.85	10.33	166	50	170
16	Buffy	F	52	73.71	45.79	10.47	186	59	188
17	Trent	M	52	82.78	47.47	10.50	170	53	172
18	Jackie	F	47	79.15	47.27	10.60	162	47	164
19	Ralph	M	43	81.19	49.09	10.85	162	64	170
20	Jack	M	51	69.63	40.84	10.95	168	57	172
21	Annie	F	51	67.25	45.12	11.08	172	48	172
22	Kate	F	45	66.45	44.75	11.12	176	51	176
23	Carl	M	54	79.38	46.08	11.17	156	62	165
24	Don	M	44	89.47	44.61	11.37	178	62	182
25	Effie	F	48	61.24	47.92	11.50	170	52	176
26	George	M	47	77.45	44.81	11.63	176	58	176
27	Iris	F	40	75.98	45.68	11.95	176	70	180
28	Mark	M	57	73.37	39.41	12.63	174	58	176
29	Steve	M	54	91.63	39.20	12.88	168	44	172
30	Vaughn	M	44	81.42	39.44	13.08	174	63	176
31	William	M	45	87.66	37.39	14.03	186	56	192

Model Specification

Select Columns: Name, Sex, Age, Weight, Oxy, Runtime, RunPulse, RstPulse, MaxPulse

Pick Role Variables: Y — Oxy (optional); Weight (optional Numeri); Freq (optional Numeri); By (optional)

Personality: Stepwise

Help | Run Model | Remove

Personality should say "Stepwise"

Construct Model Effects: Add | Cross | Nest | Macros; Degree 2; Attributes: No Intercept

Age, Weight, Runtime, RunPulse, RstPulse, MaxPulse

Click on red down arrow and select "All Possible Models"

Stepwise Fit

Response: Oxy

Stepwise Regression Control

Prob to Enter 0.250 | Prob to Leave 0.100 | Direction: Forward

Enter All | Remove All

Go | Stop | Step | Make Model

Current Estimates

SSE	DFE	MSE	RSquare	RSquare Adj	Cp	AIC
851.38154	30	28.379385	0.0000	0.0000	128.27696	104.6991

Lock	Entered	Parameter	Estimate	nDF	SS	F Ratio	Prob>F
		Intercept	47.3758065	1	0	0.000	1.0000
		Age	0	1	82.74954	3.122	0.0878
		Weight	0	1	22.55181	0.789	0.3817
		Runtime	0	1	632.9001	84.008	0.0000
		RunPulse	0	1	134.8447	5.457	0.0266
		RstPulse	0	1	135.7828	5.503	0.0260
		MaxPulse	0	1	47.71646	1.722	0.1997

:nass- Fit Stepwise

Stepwise Fit

Response: Oxy

Stepwise Regression Control

Prob to Enter 0.250 | Prob to Leave 0.100 | Direction: Forward | Enter All | Remove All

Go | Stop | Step | Make Model

Current Estimates

SSE	DFE	MSE	RSquare	RSquare Adj	Cp	AICc
851.38154	30	28.379385	0.0000	0.0000	128.27696	195.1018

Lock	Entered	Parameter	Estimate	nDF	SS	"F Ratio"	"Prob>F"
☑	☑	Intercept	47.3758065	1	0	0.000	1
☐	☐	Age	0	1	82.74954	3.122	0.08776
☐	☐	Weight	0	1	22.55181	0.789	0.38169
☐	☐	Runtime	0	1	632.9001	84.008	4.6e-10
☐	☐	RunPulse	0	1	134.8447	5.457	0.0266
☐	☐	RstPulse	0	1	135.7828	5.503	0.02604
☐	☐	MaxPulse	0	1	47.71646	1.722	0.19975

Step History

Step	Parameter	Action	"Sig Prob"	Seq SS	RSquare	Cp	p

All Possible Models

Ordered up to best 15 models up to 6 terms per model.

Model	Number	RSquare	RMSE	AICc	Cp
Runtime	1	0.7434	2.7448	155.397	13.3604
RstPulse	1	0.1595	4.9675	192.176	105.1936
RunPulse	1	0.1584	4.9707	192.217	105.3669
Age	1	0.0972	5.1483	194.392	114.9905
MaxPulse	1	0.0560	5.2643	195.774	121.4622
Weight	1	0.0265	5.3461	196.730	126.1109
Age,Runtime	2	0.7648	2.6744	155.349	11.9964
Runtime,RunPulse	2	0.7614	2.6934	155.787	12.5225
Runtime,MaxPulse	2	0.7452	2.7833	157.824	15.0709
Weight,Runtime	2	0.7449	2.7849	157.858	15.1159
Runtime,RstPulse	2	0.7435	2.7925	158.028	15.3364
Age,RunPulse	2	0.3711	4.3730	185.836	73.9150
Age,RstPulse	2	0.3011	4.6099	189.106	84.9205
RunPulse,MaxPulse	2	0.2894	4.6483	189.620	86.7579
Age,MaxPulse	2	0.2591	4.7464	190.916	91.5288
RunPulse,RstPulse	2	0.2350	4.8229	191.906	95.3120
Weight,RstPulse	2	0.1806	4.9915	194.037	103.8717
RstPulse,MaxPulse	2	0.1740	5.0114	194.284	104.9046
Weight,RunPulse	2	0.1669	5.0332	194.553	106.0345
Age,Weight	2	0.1572	5.0623	194.911	107.5560
Weight,MaxPulse	2	0.0675	5.3248	198.045	121.6583
Runtime,RunPulse,MaxPulse	3	0.8100	2.4478	151.592	6.8844
Age,Runtime,RunPulse	3	0.8096	2.4503	151.656	6.9454
Age,Runtime,MaxPulse	3	0.7814	2.6253	155.934	11.3770
Age,Weight,Runtime	3	0.7717	2.6832	157.286	12.9094
Age,Runtime,RstPulse	3	0.7677	2.7064	157.819	13.5326
Runtime,RunPulse,RstPulse	3	0.7619	2.7401	158.586	14.4479
Weight,Runtime,RunPulse	3	0.7618	2.7405	158.595	14.4588
Weight,Runtime,MaxPulse	3	0.7462	2.8292	160.571	16.9240
Runtime,RstPulse,MaxPulse	3	0.7452	2.8344	160.684	17.0699
Weight,Runtime,RstPulse	3	0.7451	2.8350	160.698	17.0881
Age,RunPulse,RstPulse	3	0.4597	4.1277	183.990	61.9809
Age,RunPulse,MaxPulse	3	0.4175	4.2856	186.318	68.6087
Age,Weight,RunPulse	3	0.4057	4.3288	186.939	70.4627
Age,RstPulse,MaxPulse	3	0.3860	4.4001	187.952	73.5664
Age,Weight,RstPulse	3	0.3593	4.4947	189.271	77.7621
Age,Runtime,RunPulse,MaxPulse	4	0.8354	2.3214	150.237	4.8838
Weight,Runtime,RunPulse,MaxPulse	4	0.8158	2.4556	153.721	7.9627
Age,Weight,Runtime,RunPulse	4	0.8153	2.4596	153.821	8.0562
Runtime,RunPulse,RstPulse,MaxPulse	4	0.8104	2.4917	154.625	8.8196
Age,Runtime,RunPulse,RstPulse	4	0.8101	2.4940	154.682	8.8747
Age,Weight,Runtime,MaxPulse	4	0.7862	2.6456	158.342	12.6185
Age,Runtime,RstPulse,MaxPulse	4	0.7829	2.6661	158.819	13.1392
Age,Weight,Runtime,RstPulse	4	0.7757	2.7100	159.833	14.2741
Weight,Runtime,RunPulse,RstPulse	4	0.7623	2.7902	161.640	16.3922
Weight,Runtime,RstPulse,MaxPulse	4	0.7462	2.8830	163.668	18.9203
Age,Weight,RunPulse,RstPulse	4	0.4979	4.0548	184.815	57.9672
Age,RunPulse,RstPulse,MaxPulse	4	0.4960	4.0626	184.934	58.2709
Age,Weight,RunPulse,MaxPulse	4	0.4684	4.1720	186.583	62.6012
Age,Weight,RstPulse,MaxPulse	4	0.4235	4.3448	189.098	69.6684
Weight,RunPulse,RstPulse,MaxPulse	4	0.3858	4.4847	191.063	75.6000
Age,Weight,Runtime,RunPulse,MaxPulse	5	0.8468	2.2838	151.377	5.0873
Age,Runtime,RunPulse,RstPulse,MaxPulse	5	0.8356	2.3664	153.579	6.8607
Age,Weight,Runtime,RunPulse,RstPulse	5	0.8162	2.5022	157.039	9.9147
Weight,Runtime,RunPulse,RstPulse,MaxPulse	5	0.8161	2.5027	157.051	9.9259
Age,Weight,Runtime,RstPulse,MaxPulse	5	0.7885	2.6836	161.380	14.2606
Age,Weight,RunPulse,RstPulse,MaxPulse	5	0.5491	3.9188	184.854	51.9220
Age,Weight,Runtime,RunPulse,RstPulse,MaxPulse	6	0.8474	2.3266	154.940	7.0000

NOTE: To obtain the Cp column, click on right mouse button while cursor is positioned somewhere in the columns of this table and select "columns", then "Cp".