Data Set	_TEMP3.BODYFAT2
Dependent Variable	PctBodyFat2
Selection Method	Stepwise
Select Criterion	Significance Level
Stop Criterion	Significance Level
Entry Significance Level (SLE)	0.15
Stay Significance Level (SLS)	0.15
Effect Hierarchy Enforced	None

Number of Observations Read	252
Number of Observations Used	252

Dimensions	
Number of Effects	14
Number of Parameters	14

Stepwise Selection Summary

Step	Effect Entered	Effect Removed	Number Effects In	F Value	Pr > F
0	Intercept		1	0.00	1.0000
1	Abdomen		2	488.93	<.0001
2	Weight		3	50.58	<.0001
3	Wrist		4	8.15	0.0047
4	Forearm		5	6.78	0.0098
5	Neck		6	2.73	0.1000
6	Age		7	2.58	0.1098
7	Thigh		8	3.66	0.0569

Selection stopped because the candidate for entry has SLE > 0.15 and the candidate for removal has SLS < 0.15.

Stop Details

Candidate For	Effect	Candidate Significance		Compare Significance	
Entry	Hip	0.1594	>	0.1500	(SLE)
Removal	Neck	0.0684	<	0.1500	(SLS)

Coefficient Progression for PctBodyFat2
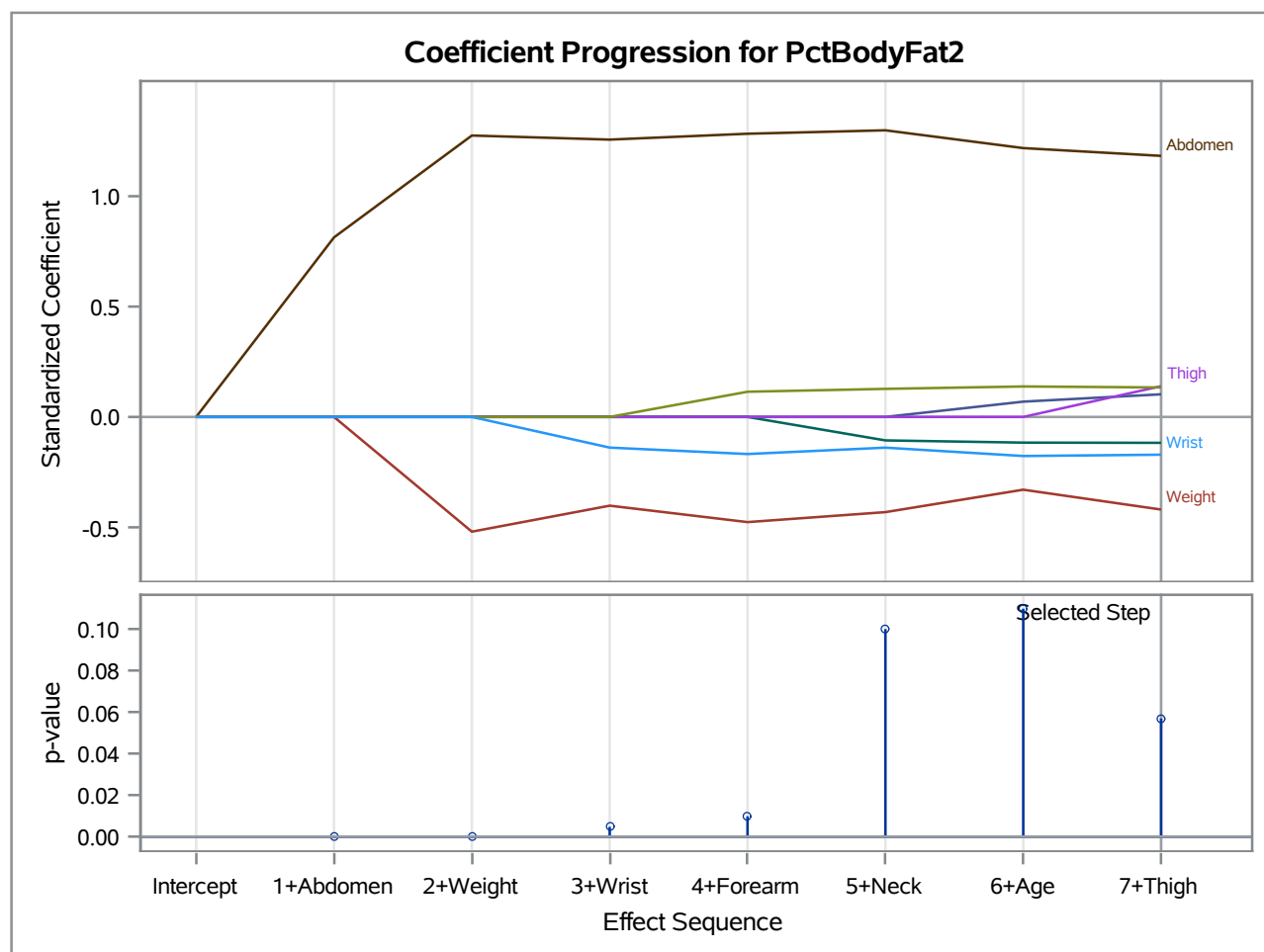
Fit Criteria for PctBodyFat2
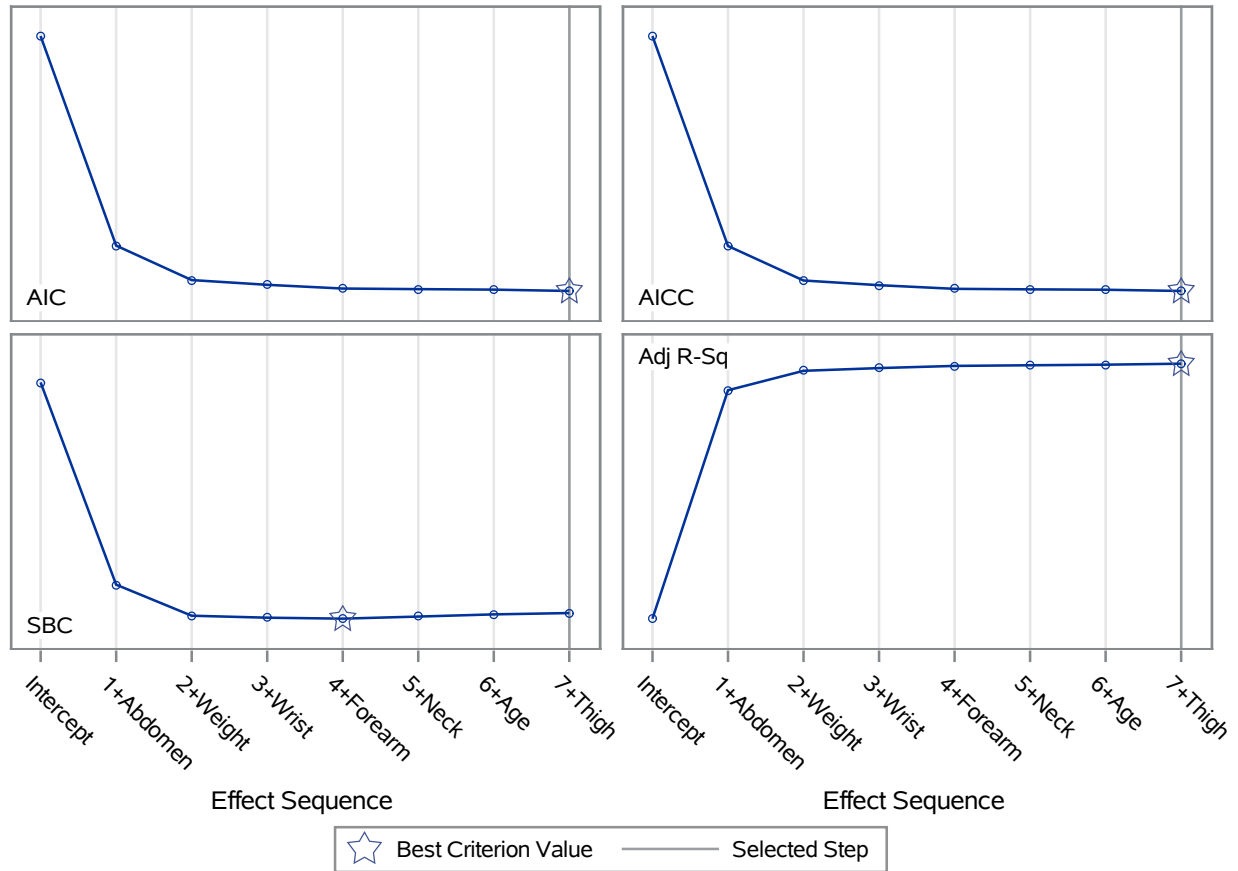
Selected Model

The selected model is the model at the last step (Step 7).

Effects:	Intercept Age Weight Neck Abdomen Thigh Forearm Wrist

Note: The p-values for parameters and effects are not adjusted for the fact that the terms in the model have been selected and so are generally liberal.

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	13087	1869.59160	101.56	<.0001
Error	244	4491.84861	18.40922		
Corrected Total	251	17579			

Root MSE	4.29060
Dependent Mean	19.15079
R-Square	0.7445
Adj R-Sq	0.7371
AIC	995.90881
AICC	996.65261
SBC	770.14425

Parameter Estimates					
Parameter	DF	Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-33.257991	9.006812	-3.69	0.0003
Age	1	0.068166	0.030792	2.21	0.0278
Weight	1	-0.119441	0.034025	-3.51	0.0005
Neck	1	-0.403802	0.220620	-1.83	0.0684
Abdomen	1	0.917885	0.069499	13.21	<.0001
Thigh	1	0.221960	0.116013	1.91	0.0569
Forearm	1	0.553139	0.184788	2.99	0.0030
Wrist	1	-1.532401	0.510415	-3.00	0.0030