Adding Sex of oldest child

The REG Procedure
Model: MODEL1
Dependent Variable: AGEALC

Number of Observations Read	252
Number of Observations Used	251
Number of Observations with Missing Values	1

Stepwise Selection: Step 1

Variable AGEMAR Entered: R-Square = 0.2901 and C(p) = 19.4390

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	1	3242.85977	3242.85977	101.74	<.0001
Error	249	7936.65417	31.87411		
Corrected Total	250	11180			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	3.68429	0.44582	2176.82318	68.29	<.0001
AGEMAR	0.53405	0.05295	3242.85977	101.74	<.0001

Bounds on condition number: 1, 1

Stepwise Selection: Step 2

Variable AGESMOKE Entered: R-Square = 0.3408 and C(p) = 2.4010

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	3809.96239	1904.98119	64.11	<.0001
Error	248	7369.55156	29.71593		
Corrected Total	250	11180			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	2.59725	0.49721	810.84041	27.29	<.0001
AGESMOKE	0.27581	0.06313	567.10261	19.08	<.0001
AGEMAR	0.40728	0.05878	1426.46067	48.00	<.0001

Bounds on condition number: 1.3222, 5.2888

All variables left in the model are significant at the 0.1500 level.

No other variable met the 0.1500 significance level for entry into the model.

Adding Sex of oldest child

The REG Procedure
Model: MODEL1
Dependent Variable: AGEALC

Summary of Stepwise Selection

Step	Variable Entered	Variable Removed	Number Vars In	Partial R-Square	Model R-Square	C(p)	F Value	Pr > F
1	AGEMAR		1	0.2901	0.2901	19.4390	101.74	<.0001
2	AGESMOKE		2	0.0507	0.3408	2.4010	19.08	<.0001

Adding Sex of oldest child

The REG Procedure
Model: MODEL1
Dependent Variable: AGEALC

Number of Observations Read	252
Number of Observations Used	251
Number of Observations with Missing Values	1

Analysis of Variance					
Source	**DF**	**Sum of Squares**	**Mean Square**	**F Value**	**Pr > F**
Model	2	3809.96239	1904.98119	64.11	<.0001
Error	248	7369.55156	29.71593		
Corrected Total	250	11180			

Root MSE	5.45123	**R-Square**	0.3408
Dependent Mean	6.38645	**Adj R-Sq**	0.3355
Coeff Var	85.35616		

Parameter Estimates									
Variable	**DF**	**Parameter Estimate**	**Standard Error**	**t Value**	**Pr > |t|**	**Type I SS**	**Type II SS**	**Standardized Estimate**	**Variance Inflation**
Intercept	1	2.59725	0.49721	5.22	<.0001	10237	810.84041	0	0
AGESMOKE	1	0.27581	0.06313	4.37	<.0001	2383.50172	567.10261	0.25898	1.32220
AGEMAR	1	0.40728	0.05878	6.93	<.0001	1426.46067	1426.46067	0.41074	1.32220

The REG Procedure
Model: MODEL1
Dependent Variable: AGEALC

Durbin-Watson D	1.919
Pr < DW	0.2589
Pr > DW	0.7411
Number of Observations	251
1st Order Autocorrelation	0.036

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