The GLMSELECT Procedure

Data Set	MYDATA.CAFETERIA
Dependent Variable	Sales
Selection Method	None

Number of Observations Read	14
Number of Observations Used	14

Dimensions	
Number of Effects	3
Number of Parameters	3

The GLMSELECT Procedure

Least Squares Summary

Step	Effect Entered	Number Effects In	SBC
0	**Intercept**	1	134.9784
1	**s_Dispensers**	2	86.4322
2	**s_Dispensers^2**	3	62.1704*

*** Optimal Value of Criterion**

The GLMSELECT Procedure
Least Squares Model (No Selection)

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	177741	88870	1448.87	<.0001
Error	11	674.71429	61.33766		
Corrected Total	13	178415			

Root MSE	7.83184
Dependent Mean	690.70000
R-Square	0.9962
Adj R-Sq	0.9955
AIC	76.25325
AICC	80.69769

SBC	62.17042

Parameter Estimates					
Parameter	DF	Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	710.057143	3.197334	222.08	<.0001
s_Dispensers	1	55.710714	1.046573	53.23	<.0001
s_Dispensers^2	1	-4.839286	0.604239	-8.01	<.0001

Centered Quadratic Model

The REG Procedure
Model: MODEL1
Dependent Variable: Sales

Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	Variance Inflation
Intercept	Intercept	1	710.05714	3.19733	222.08	<.0001	0
s_Dispensers	s_Dispensers	1	55.71071	1.04657	53.23	<.0001	1.00000
s_Dispensers^2	s_Dispensers^2	1	-4.83929	0.60424	-8.01	<.0001	1.00000

Collinearity Diagnostics					
Number	Eigenvalue	Condition Index	Proportion of Variation		
			Intercept	s_Dispensers	s_Dispensers^2
1	1.75593	1.00000	0.12204	0	0.12204
2	1.00000	1.32511	0	1.00000	0
3	0.24407	2.68223	0.87796	0	0.87796

Collinearity Diagnostics (intercept adjusted)				
Number	Eigenvalue	Condition Index	Proportion of Variation	
			s_Dispensers	s_Dispensers^2
1	1.00000	1.00000	1.00000	0
2	1.00000	1.00000	0	1.00000