The REG Procedure
Model: MODEL1
Dependent Variable: Y1

Number of Observations Read	46
Number of Observations Used	46

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	0.18812	0.06271	4.88	0.0053
Error	42	0.54006	0.01286		
Corrected Total	45	0.72818			

Root MSE	0.11340	R-Square	0.2583
Dependent Mean	0.91783	Adj R-Sq	0.2054
Coeff Var	12.35484		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	0.62639	0.17573	3.56	0.0009
X1	1	0.00090822	0.00052516	1.73	0.0911
X2	1	-0.00095571	0.00041408	-2.31	0.0260
X3	1	0.00149	0.00042503	3.51	0.0011

The REG Procedure
Model: MODEL1
Dependent Variable: Y2

Number of Observations Read	46
Number of Observations Used	46

Analysis of Variance

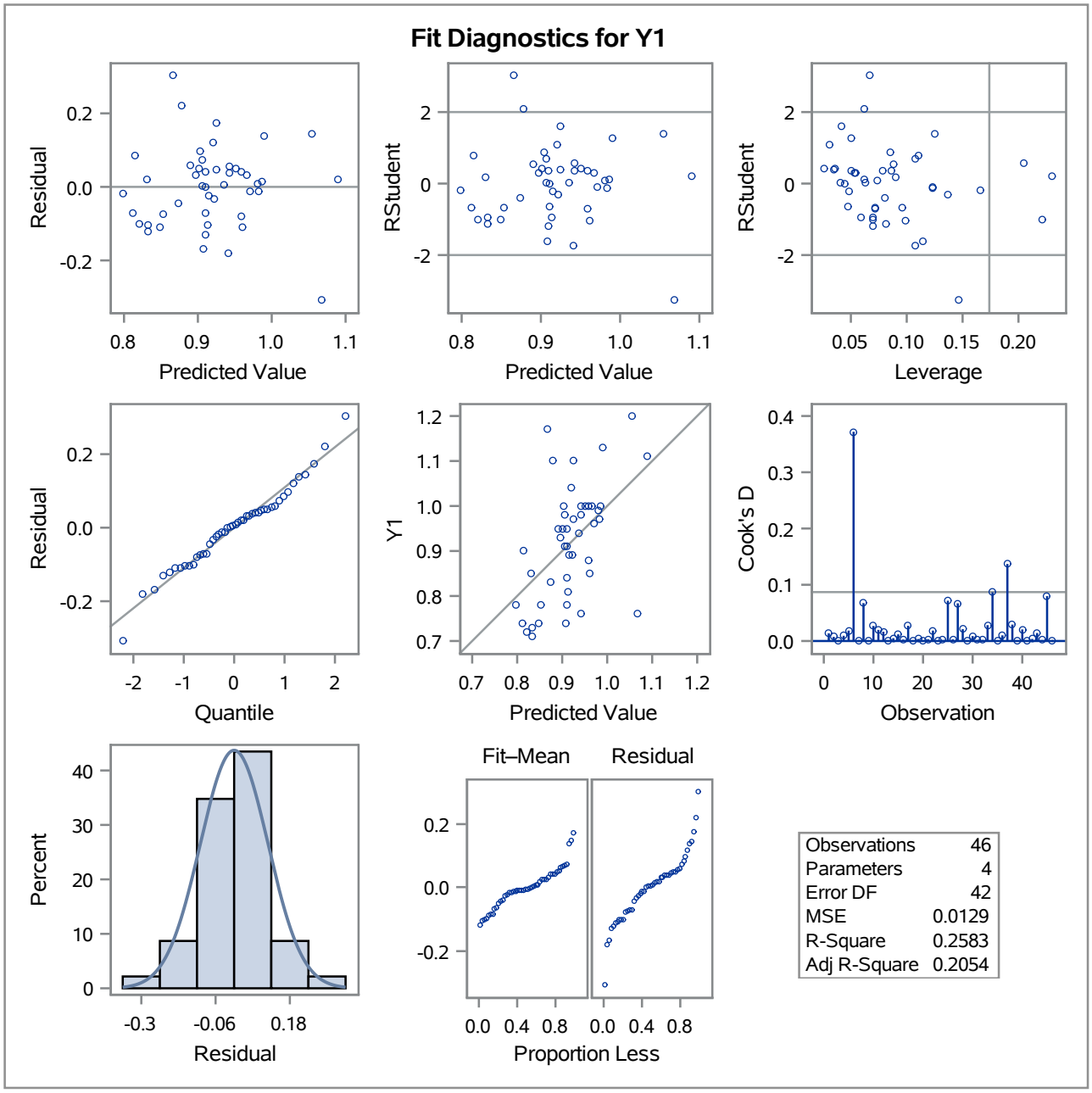
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	51.72482	17.24161	0.23	0.8737
Error	42	3123.42735	74.36732		
Corrected Total	45	3175.15217			

Root MSE	8.62365	**R-Square**	0.0163
Dependent Mean	90.41304	**Adj R-Sq**	-0.0540
Coeff Var	9.53806		

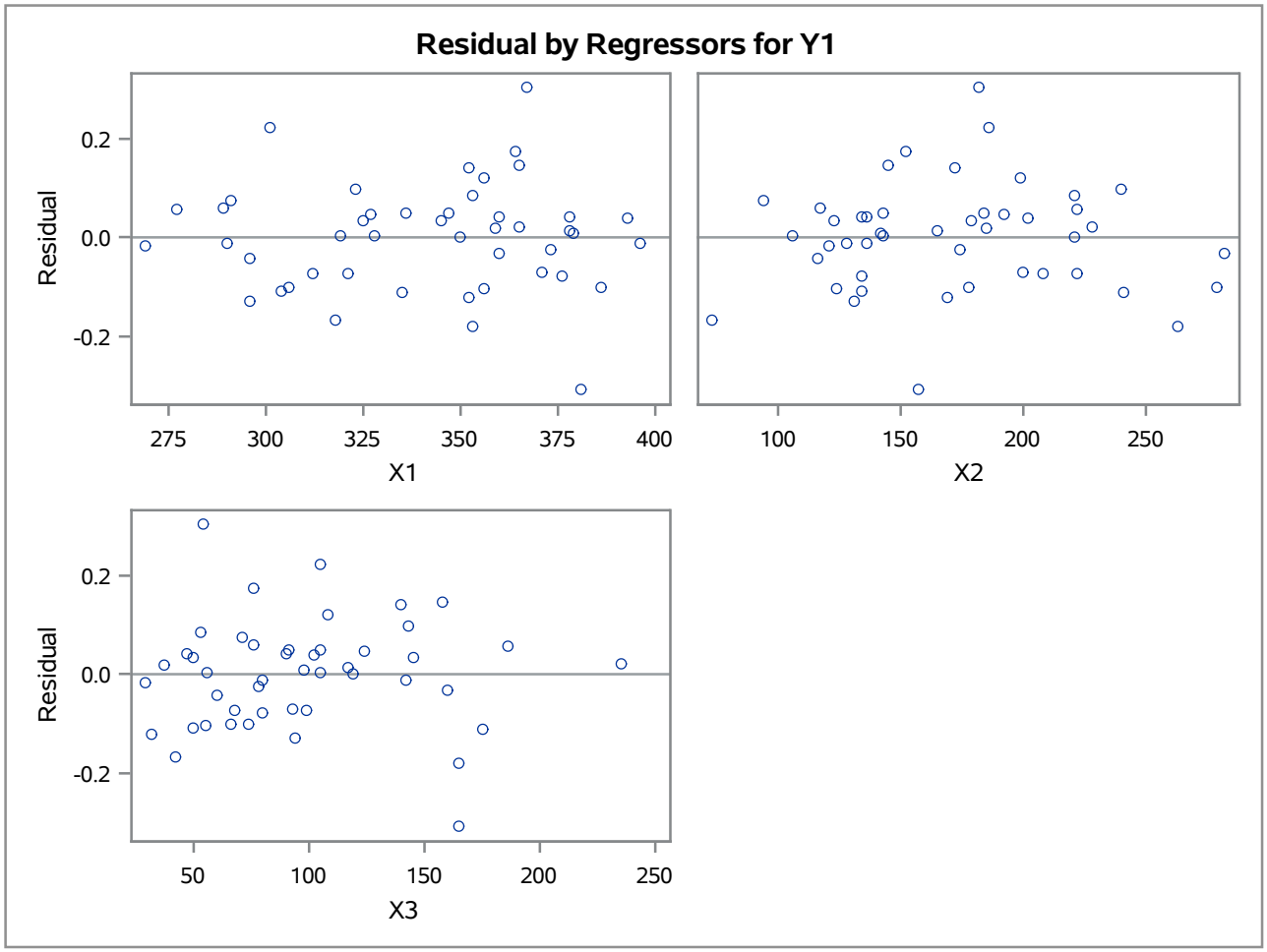
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	83.24254	13.36386	6.23	<.0001
X1	1	0.02870	0.03994	0.72	0.4763
X2	1	-0.01272	0.03149	-0.40	0.6882
X3	1	-0.00441	0.03232	-0.14	0.8922

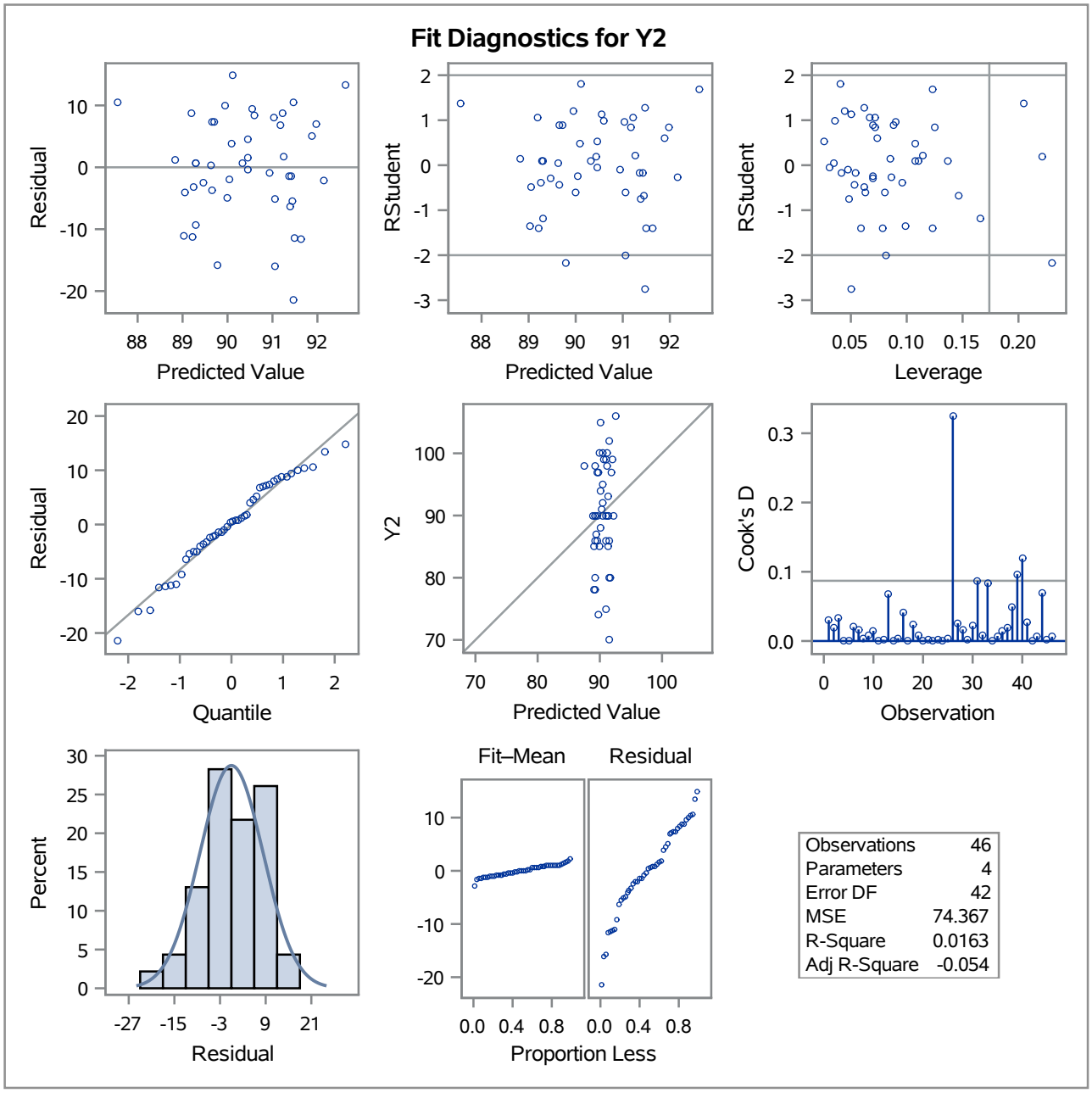
The REG Procedure
Model: MODEL1
Dependent Variable: Y1



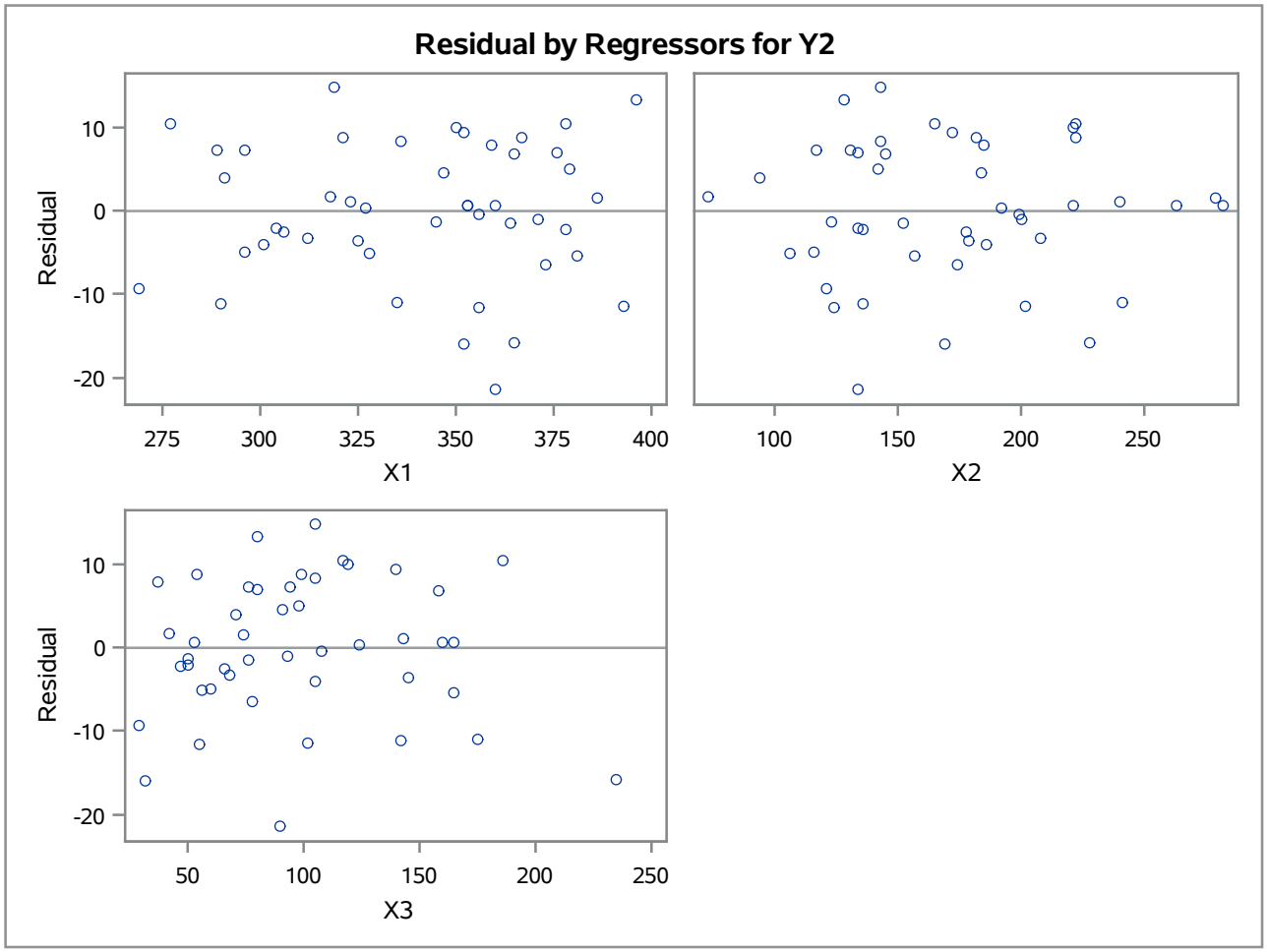
The REG Procedure
Model: MODEL1
Dependent Variable: Y1



The REG Procedure
Model: MODEL1
Dependent Variable: Y2



The REG Procedure
Model: MODEL1
Dependent Variable: Y2



The REG Procedure
Model: MODEL1
Multivariate Test: OVERALL

Error Matrix (E)	
0.5400626855	9.0162268852
9.0162268852	3123.4273529

Hypothesis Matrix (H)	
0.1881199232	0.7050774626
0.7050774626	51.724820999

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.514205	0.469242	0.109656	0.264407	0.3594	0.3434	0.9574	0.9574
2	0.125488	0.047831	0.146724	0.015747	0.0160		0.0426	1.0000

	Test of H0: The canonical correlations in the current row and all that follow are zero				
	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.72400963	2.39	6	82	0.0350
2	0.98425273	0.34	2	42	0.7165

Multivariate Statistics		
S=2 M=0 N=19.5		
Statistic	Value	P-Value
Wilks' Lambda	0.72400963	0.0350
Pillai's Trace	0.28015406	0.0406
Hotelling-Lawley Trace	0.37544623	0.0311
Roy's Greatest Root	0.35944702	0.0205

The REG Procedure
Model: MODEL1
Multivariate Test: PARTIAL_X1

Error Matrix (E)	
0.5400626855	9.0162268852
9.0162268852	3123.4273529

Hypothesis Matrix (H)	
0.0384591746	1.2153432557
1.2153432557	38.405900428

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.262634	0.224257	0.141980	0.068977	0.0741		1.0000	1.0000

	Test of H0: The canonical correlations in the current row and all that follow are zero				
	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.93102343	1.52	2	41	0.2310

Note: The F statistic is exact.

Multivariate Statistics		
S=1 M=0 N=19.5		
Statistic	Value	P-Value
Wilks' Lambda	0.93102343	0.2310
Pillai's Trace	0.06897657	0.2310
Hotelling-Lawley Trace	0.07408682	0.2310
Roy's Greatest Root	0.07408682	0.2310

The REG Procedure
Model: MODEL1
Multivariate Test: PARTIAL_X2

Error Matrix (E)	
0.5400626855	9.0162268852
9.0162268852	3123.4273529

Hypothesis Matrix (H)	
0.068497593	0.9119819959
0.9119819959	12.142195433

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.335804	0.308546	0.135302	0.112764	0.1271		1.0000	1.0000

	Test of H0: The canonical correlations in the current row and all that follow are zero				
	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.88723586	2.61	2	41	0.0861

Note: The F statistic is exact.

Multivariate Statistics		
S=1 M=0 N=19.5		
Statistic	Value	P-Value
Wilks' Lambda	0.88723586	0.0861
Pillai's Trace	0.11276414	0.0861
Hotelling-Lawley Trace	0.12709601	0.0861
Roy's Greatest Root	0.12709601	0.0861

The REG Procedure
Model: MODEL1
Multivariate Test: PARTIAL_X3

Error Matrix (E)	
0.5400626855	9.0162268852
9.0162268852	3123.4273529

Hypothesis Matrix (H)	
0.1579729491	-0.467207454
-0.467207454	1.3817733104

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.488266	0.474452	0.116142	0.238403	0.3130		1.0000	1.0000

	Test of H0: The canonical correlations in the current row and all that follow are zero				
	Likelihood Ratio	Approximate F Value	Num DF	Den DF	Pr > F
1	0.76159667	6.42	2	41	0.0038

Note: The F statistic is exact.

Multivariate Statistics		
S=1 M=0 N=19.5		
Statistic	Value	P-Value
Wilks' Lambda	0.76159667	0.0038
Pillai's Trace	0.23840333	0.0038
Hotelling-Lawley Trace	0.31303096	0.0038
Roy's Greatest Root	0.31303096	0.0038