

The CONTENTS Procedure

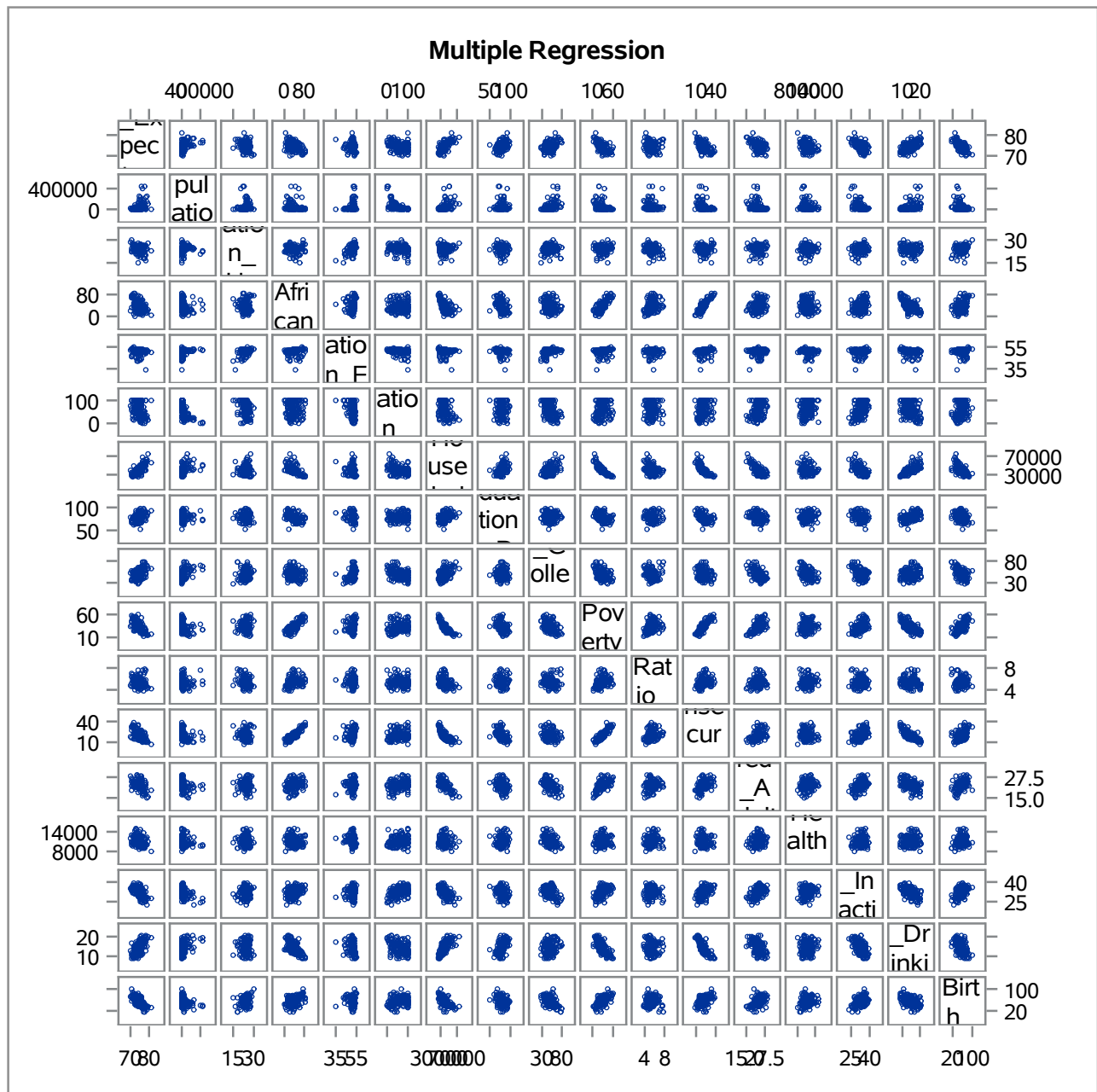
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Member Type	DATA	Variables	32
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Last Modified	04/27/2020 00:18:18	Deleted Observations	0
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Data Set Type		Sorted	NO
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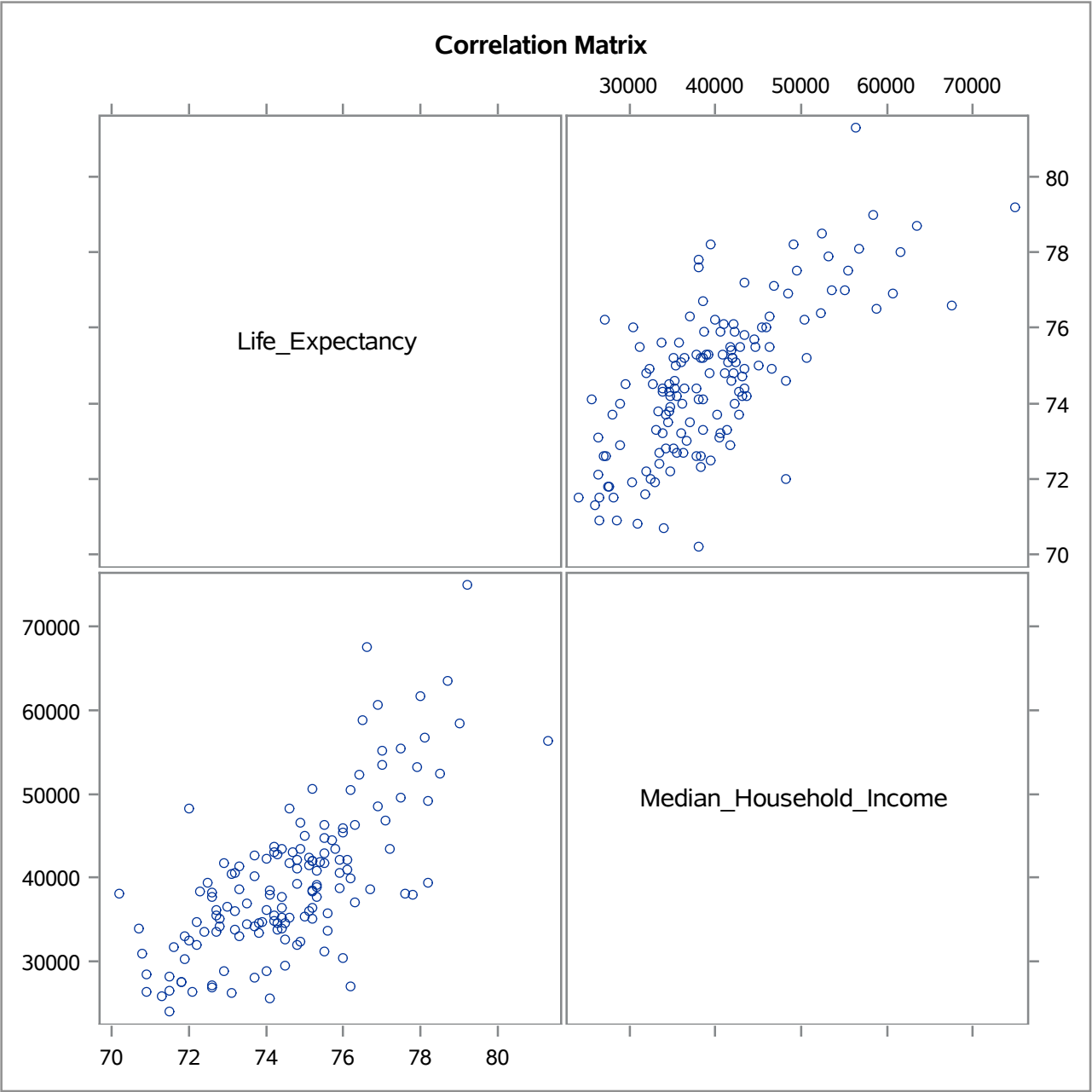
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Obs in First Data Page	146
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Host Created	Linux
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Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
25	Average_Healthcare_Costs	Num	8	BEST12.	BEST32.
15	Child_Poverty_Rate	Num	8	BEST12.	BEST32.
20	Diab_Receiving_HbA1c_Rate	Num	8	BEST12.	BEST32.
19	Diabetic_Prev	Num	8	BEST12.	BEST32.
29	Excessive_Drinking_Rate	Num	8	BEST12.	BEST32.
21	Food_Insecure_Rate	Num	8	BEST12.	BEST32.
12	Graduation_Rate	Num	8	BEST12.	BEST32.
16	Income_Ratio_80pt20pt	Num	8	BEST12.	BEST32.

The CONTENTS Procedure

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Informat
4	Life_Expectancy	Num	8	BEST12.	BEST32.
22	Limited_Access_Healthy_Foods	Num	8	BEST12.	BEST32.
32	Mammography_Rate	Num	8	BEST12.	BEST32.
11	Median_Household_Income	Num	8	BEST12.	BEST32.
27	Obese_Rate	Num	8	BEST12.	BEST32.
31	PCP_Ratio_Pop_PCP	Num	8	BEST12.	BEST32.
1	Parish	Char	20	\$20.	\$20.
28	Physically_Inactive_Rate	Num	8	BEST12.	BEST32.
5	Population	Num	8	BEST12.	BEST32.
7	Population_65Plus	Num	8	BEST12.	BEST32.
8	Population_African_American	Num	8	BEST12.	BEST32.
9	Population_Female	Num	8	BEST12.	BEST32.
10	Population_Rural	Num	8	BEST12.	BEST32.
6	Population_Under_18	Num	8	BEST12.	BEST32.
18	Severe_Housing_Problem_Prev	Num	8	BEST12.	BEST32.
17	Single_Parent_Households_Prev	Num	8	BEST12.	BEST32.
26	Smoking_Rate	Num	8	BEST12.	BEST32.
13	Some_College_Rate	Num	8	BEST12.	BEST32.
2	State	Char	2	\$2.	\$2.
30	Teen_Birth_Rate	Num	8	BEST12.	BEST32.
14	Unemployment_Rate	Num	8	BEST12.	BEST32.
23	Uninsured_Adults_Prev	Num	8	BEST12.	BEST32.
24	Uninsured_Children_Prev	Num	8	BEST12.	BEST32.
3	Year	Num	8	BEST12.	BEST32.





The CORR Procedure

2 Variables:	Life_Expectancy	Median_Household_Income
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Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Life_Expectancy	146	74.61096	1.99552	10893	70.20000	81.30000
Median_Household_Income	146	39527	8912	5770953	24065	74900

Pearson Correlation Coefficients, N = 146 Prob > r under H0: Rho=0		
	Life_Expectancy	Median_Household_Income
Life_Expectancy	1.00000	0.71268 <.0001
Median_Household_Income	0.71268 <.0001	1.00000

The CORR Procedure

17 Variables:	Life_Expectancy	Population	Population_Under_18	Population_African_American	Population_Female
	Population_Rural	Median_Household_Income	Graduation_Rate	Some_College_Rate	Child_Poverty_Rate
	Income_Ratio_80pt20pt	Food_Insecure_Rate	Uninsured_Adults_Prev	Average_Healthcare_Costs	Physically_Inactive_Rate
	Excessive_Drinking_Rate	Teen_Birth_Rate			

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
Life_Expectancy	146	74.61096	1.99552	10893	70.20000	81.30000
Population	146	52487	74760	7663057	1337	446753
Population_Under_18	146	23.85966	2.24347	3484	14.81000	29.77000
Population_African_American	146	36.90760	18.49218	5389	2.74000	84.45000
Population_Female	146	50.58411	2.57579	7385	34.19000	54.35000
Population_Rural	146	62.06288	29.47331	9061	0.59000	100.00000
Median_Household_Income	146	39527	8912	5770953	24065	74900
Graduation_Rate	146	78.62795	7.40630	11480	51.82000	97.50000
Some_College_Rate	146	49.48938	10.35813	7225	26.50000	78.03000
Child_Poverty_Rate	146	33.49589	9.59654	4890	13.00000	60.20000
Income_Ratio_80pt20pt	146	5.36603	0.76159	783.44000	3.72000	7.77000
Food_Insecure_Rate	146	20.34110	5.85124	2970	7.30000	37.50000
Uninsured_Adults_Prev	146	22.78966	2.54421	3327	15.19000	28.86000
Average_Healthcare_Costs	146	11242	1342	1641314	8112	15070
Physically_Inactive_Rate	146	32.50274	3.34835	4745	22.50000	39.00000
Excessive_Drinking_Rate	146	14.24856	2.96251	2080	8.64000	20.72000
Teen_Birth_Rate	146	55.10068	14.61989	8045	15.37000	97.76000

Correlation Table

Sunday, May 10, 2020 05:21:57 PM 7

The CORR Procedure

Pearson Correlation Coefficients, N = 146 Prob > r under H0: Rho=0					
	Life_Expectancy	Population	Population_Under_18	Population_African_American	Population_Female
Life_Expectancy	1.00000 0.0000	0.36561 <.0001	-0.21132 0.0105	-0.44709 <.0001	-0.12305 0.1390
Population	0.36561 <.0001	1.00000	0.04943 0.5535	-0.12212 0.1420	0.17246 0.0374
Population_Under_18	-0.21132 0.0105	0.04943 0.5535	1.00000	-0.04030 0.6291	0.51518 <.0001
Population_African_American	-0.44709 <.0001	-0.12212 0.1420	-0.04030 0.6291	1.00000	0.08940 0.2832
Population_Female	-0.12305 0.1390	0.17246 0.0374	0.51518 <.0001	0.08940 0.2832	1.00000
Population_Rural	-0.28811 0.0004	-0.61067 <.0001	-0.30022 0.0002	-0.00454 0.9566	-0.22516 0.0063
Median_Household_Income	0.71268 <.0001	0.42074 <.0001	0.05509 0.5090	-0.61612 <.0001	-0.09350 0.2617
Graduation_Rate	0.40728 <.0001	0.04131 0.6206	-0.05702 0.4943	-0.41599 <.0001	-0.19707 0.0171
Some_College_Rate	0.37369 <.0001	0.43591 <.0001	0.09692 0.2445	-0.15530 0.0612	0.38764 <.0001
Child_Poverty_Rate	-0.66407 <.0001	-0.29325 0.0003	0.05028 0.5467	0.80155 <.0001	0.12855 0.1220
Income_Ratio_80pt20pt	-0.11246 0.1765	-0.03705 0.6570	-0.28080 0.0006	0.31673 <.0001	-0.02912 0.7272
Food_Insecure_Rate	-0.58763 <.0001	-0.25866 0.0016	-0.02752 0.7416	0.89510 <.0001	0.14383 0.0833
Uninsured_Adults_Prev	-0.44995 <.0001	-0.29008 0.0004	0.02405 0.7733	0.25200 0.0022	0.06028 0.4698
Average_Healthcare_Costs	-0.30022 0.0002	-0.19304 0.0196	0.02303 0.7826	-0.10266 0.2176	-0.21753 0.0084
Physically_Inactive_Rate	-0.57017 <.0001	-0.49935 <.0001	0.15182 0.0674	0.32343 <.0001	0.18096 0.0288
Excessive_Drinking_Rate	0.58699 <.0001	0.41120 <.0001	-0.02462 0.7680	-0.63329 <.0001	-0.27991 0.0006
Teen_Birth_Rate	-0.69409 <.0001	-0.33133 <.0001	0.36081 <.0001	0.39679 <.0001	-0.04042 0.6281

The CORR Procedure

Pearson Correlation Coefficients, N = 146 Prob > r under H0: Rho=0				
	Population_Rural	Median_Household_Income	Graduation_Rate	Some_College_Rate
Life_Expectancy	-0.28811 0.0004	0.71268 <.0001	0.40728 <.0001	0.37369 <.0001
Population	-0.61067 <.0001	0.42074 <.0001	0.04131 0.6206	0.43591 <.0001
Population_Under_18	-0.30022 0.0002	0.05509 0.5090	-0.05702 0.4943	0.09692 0.2445
Population_African_American	-0.00454 0.9566	-0.61612 <.0001	-0.41599 <.0001	-0.15530 0.0612
Population_Female	-0.22516 0.0063	-0.09350 0.2617	-0.19707 0.0171	0.38764 <.0001
Population_Rural	1.00000	-0.37698 <.0001	-0.00972 0.9073	-0.40070 <.0001
Median_Household_Income	-0.37698 <.0001	1.00000	0.39985 <.0001	0.45846 <.0001
Graduation_Rate	-0.00972 0.9073	0.39985 <.0001	1.00000	0.00523 0.9501
Some_College_Rate	-0.40070 <.0001	0.45846 <.0001	0.00523 0.9501	1.00000
Child_Poverty_Rate	0.18565 0.0249	-0.86994 <.0001	-0.40701 <.0001	-0.41153 <.0001
Income_Ratio_80pt20pt	-0.02493 0.7652	-0.32793 <.0001	-0.00745 0.9289	-0.06844 0.4117
Food_Insecure_Rate	0.13624 0.1011	-0.78296 <.0001	-0.47340 <.0001	-0.14874 0.0732
Uninsured_Adults_Prev	0.31691 <.0001	-0.71713 <.0001	-0.24906 0.0024	-0.53515 <.0001
Average_Healthcare_Costs	0.25591 0.0018	-0.15043 0.0699	0.11321 0.1736	-0.42131 <.0001
Physically_Inactive_Rate	0.47391 <.0001	-0.59344 <.0001	-0.28444 0.0005	-0.42468 <.0001
Excessive_Drinking_Rate	-0.41058 <.0001	0.72389 <.0001	0.50177 <.0001	0.09257 0.2664
Teen_Birth_Rate	0.24325 0.0031	-0.64026 <.0001	-0.31582 0.0001	-0.50948 <.0001

Correlation Table

Sunday, May 10, 2020 05:21:57 PM 9

The CORR Procedure

Pearson Correlation Coefficients, N = 146 Prob > r under H0: Rho=0				
	Child_Poverty_Rate	Income_Ratio_80pt20pt	Food_Insecure_Rate	Uninsured_Adults_Prev
Life_Expectancy	-0.66407 <.0001	-0.11246 0.1765	-0.58763 <.0001	-0.44995 <.0001
Population	-0.29325 0.0003	-0.03705 0.6570	-0.25866 0.0016	-0.29008 0.0004
Population_Under_18	0.05028 0.5467	-0.28080 0.0006	-0.02752 0.7416	0.02405 0.7733
Population_African_American	0.80155 <.0001	0.31673 <.0001	0.89510 <.0001	0.25200 0.0022
Population_Female	0.12855 0.1220	-0.02912 0.7272	0.14383 0.0833	0.06028 0.4698
Population_Rural	0.18565 0.0249	-0.02493 0.7652	0.13624 0.1011	0.31691 <.0001
Median_Household_Income	-0.86994 <.0001	-0.32793 <.0001	-0.78296 <.0001	-0.71713 <.0001
Graduation_Rate	-0.40701 <.0001	-0.00745 0.9289	-0.47340 <.0001	-0.24906 0.0024
Some_College_Rate	-0.41153 <.0001	-0.06844 0.4117	-0.14874 0.0732	-0.53515 <.0001
Child_Poverty_Rate	1.00000	0.30019 0.0002	0.87638 <.0001	0.60138 <.0001
Income_Ratio_80pt20pt	0.30019 0.0002	1.00000	0.27996 0.0006	0.14421 0.0825
Food_Insecure_Rate	0.87638 <.0001	0.27996 0.0006	1.00000	0.42691 <.0001
Uninsured_Adults_Prev	0.60138 <.0001	0.14421 0.0825	0.42691 <.0001	1.00000
Average_Healthcare_Costs	0.10788 0.1949	0.09410 0.2586	-0.09298 0.2643	0.16391 0.0480
Physically_Inactive_Rate	0.50288 <.0001	-0.02141 0.7975	0.44935 <.0001	0.47491 <.0001
Excessive_Drinking_Rate	-0.70501 <.0001	-0.04001 0.6316	-0.81476 <.0001	-0.45987 <.0001
Teen_Birth_Rate	0.65250 <.0001	-0.04150 0.6190	0.50055 <.0001	0.46799 <.0001

Correlation Table

Sunday, May 10, 2020 05:21:57 PM 10

The CORR Procedure

Pearson Correlation Coefficients, N = 146 Prob > r under H0: Rho=0				
	Average_Healthcare_Costs	Physically_Inactive_Rate	Excessive_Drinking_Rate	Teen_Birth_Rate
Life_Expectancy	-0.30022 0.0002	-0.57017 <.0001	0.58699 <.0001	-0.69409 <.0001
Population	-0.19304 0.0196	-0.49935 <.0001	0.41120 <.0001	-0.33133 <.0001
Population_Under_18	0.02303 0.7826	0.15182 0.0674	-0.02462 0.7680	0.36081 <.0001
Population_African_American	-0.10266 0.2176	0.32343 <.0001	-0.63329 <.0001	0.39679 <.0001
Population_Female	-0.21753 0.0084	0.18096 0.0288	-0.27991 0.0006	-0.04042 0.6281
Population_Rural	0.25591 0.0018	0.47391 <.0001	-0.41058 <.0001	0.24325 0.0031
Median_Household_Income	-0.15043 0.0699	-0.59344 <.0001	0.72389 <.0001	-0.64026 <.0001
Graduation_Rate	0.11321 0.1736	-0.28444 0.0005	0.50177 <.0001	-0.31582 0.0001
Some_College_Rate	-0.42131 <.0001	-0.42468 <.0001	0.09257 0.2664	-0.50948 <.0001
Child_Poverty_Rate	0.10788 0.1949	0.50288 <.0001	-0.70501 <.0001	0.65250 <.0001
Income_Ratio_80pt20pt	0.09410 0.2586	-0.02141 0.7975	-0.04001 0.6316	-0.04150 0.6190
Food_Insecure_Rate	-0.09298 0.2643	0.44935 <.0001	-0.81476 <.0001	0.50055 <.0001
Uninsured_Adults_Prev	0.16391 0.0480	0.47491 <.0001	-0.45987 <.0001	0.46799 <.0001
Average_Healthcare_Costs	1.00000	0.13501 0.1042	0.12004 0.1490	0.21501 0.0092
Physically_Inactive_Rate	0.13501 0.1042	1.00000	-0.59453 <.0001	0.51431 <.0001
Excessive_Drinking_Rate	0.12004 0.1490	-0.59453 <.0001	1.00000	-0.47222 <.0001
Teen_Birth_Rate	0.21501 0.0092	0.51431 <.0001	-0.47222 <.0001	1.00000

The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

Number of Observations Read	146
Number of Observations Used	146

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	353.99120	44.24890	27.13	<.0001
Error	137	223.41127	1.63074		
Corrected Total	145	577.40247			

Root MSE	1.27700	R-Square	0.6131
Dependent Mean	74.61096	Adj R-Sq	0.5905
Coeff Var	1.71155		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	82.36308	2.89685	28.43	<.0001
Population_Under_18	1	-0.03184	0.05298	-0.60	0.5488
Population_African_American	1	0.02845	0.01512	1.88	0.0619
Child_Poverty_Rate	1	-0.06439	0.03206	-2.01	0.0466
Food_Insecure_Rate	1	-0.08746	0.06685	-1.31	0.1930
Uninsured_Adults_Prev	1	0.05543	0.06139	0.90	0.3682
Physically_Inactive_Rate	1	-0.10715	0.04333	-2.47	0.0146
Excessive_Drinking_Rate	1	0.05588	0.07346	0.76	0.4482
Teen_Birth_Rate	1	-0.04870	0.01125	-4.33	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Median_Household_Income

Number of Observations Read	146
Number of Observations Used	146

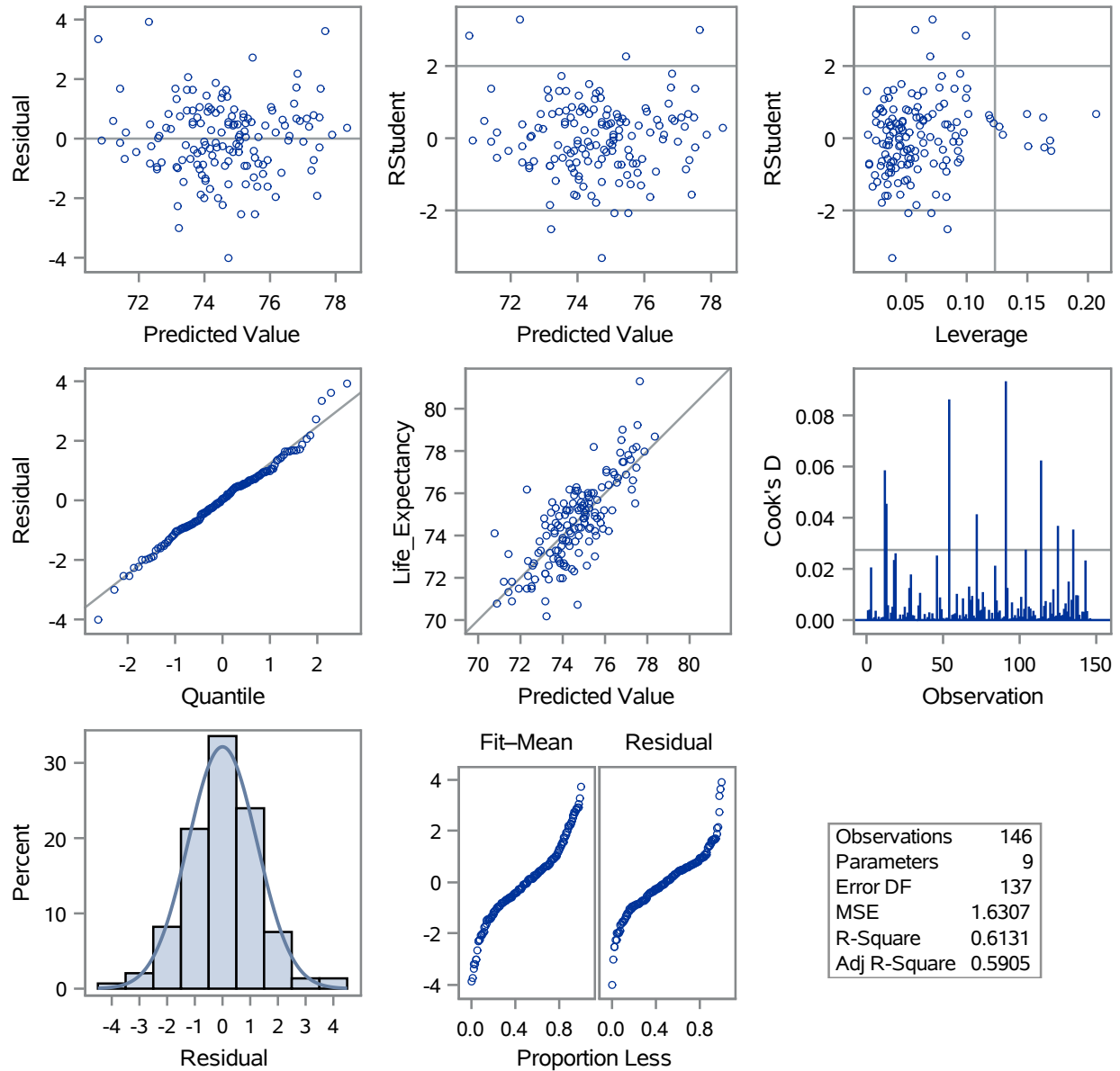
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	10045079172	1255634897	116.95	<.0001
Error	137	1470875304	10736316		
Corrected Total	145	11515954476			

Root MSE	3276.63182	R-Square	0.8723
Dependent Mean	39527	Adj R-Sq	0.8648
Coeff Var	8.28959		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	74709	7432.94368	10.05	<.0001
Population_Under_18	1	600.29726	135.93755	4.42	<.0001
Population_African_American	1	110.86428	38.78535	2.86	0.0049
Child_Poverty_Rate	1	-432.00206	82.25488	-5.25	<.0001
Food_Insecure_Rate	1	-492.28724	171.53225	-2.87	0.0048
Uninsured_Adults_Prev	1	-781.00726	157.52948	-4.96	<.0001
Physically_Inactive_Rate	1	-274.58864	111.17270	-2.47	0.0147
Excessive_Drinking_Rate	1	158.65144	188.49890	0.84	0.4014
Teen_Birth_Rate	1	-84.37700	28.86055	-2.92	0.0040

The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

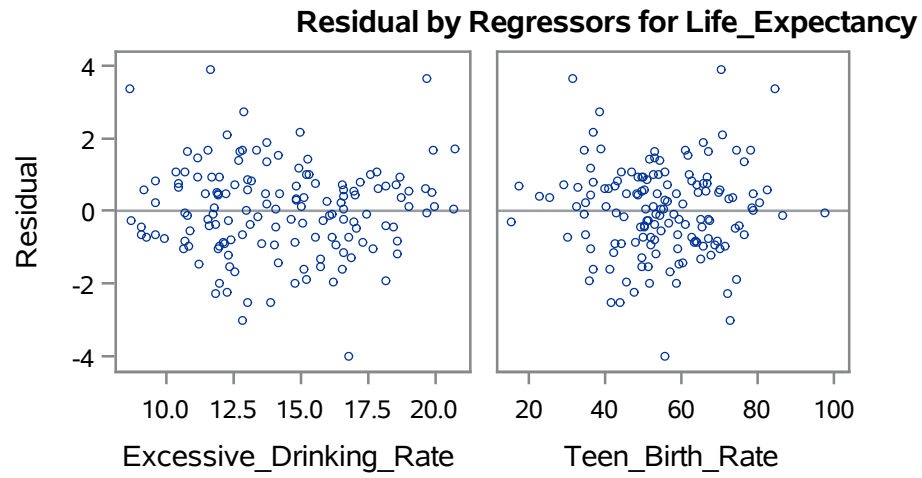
Fit Diagnostics for Life_Expectancy



The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

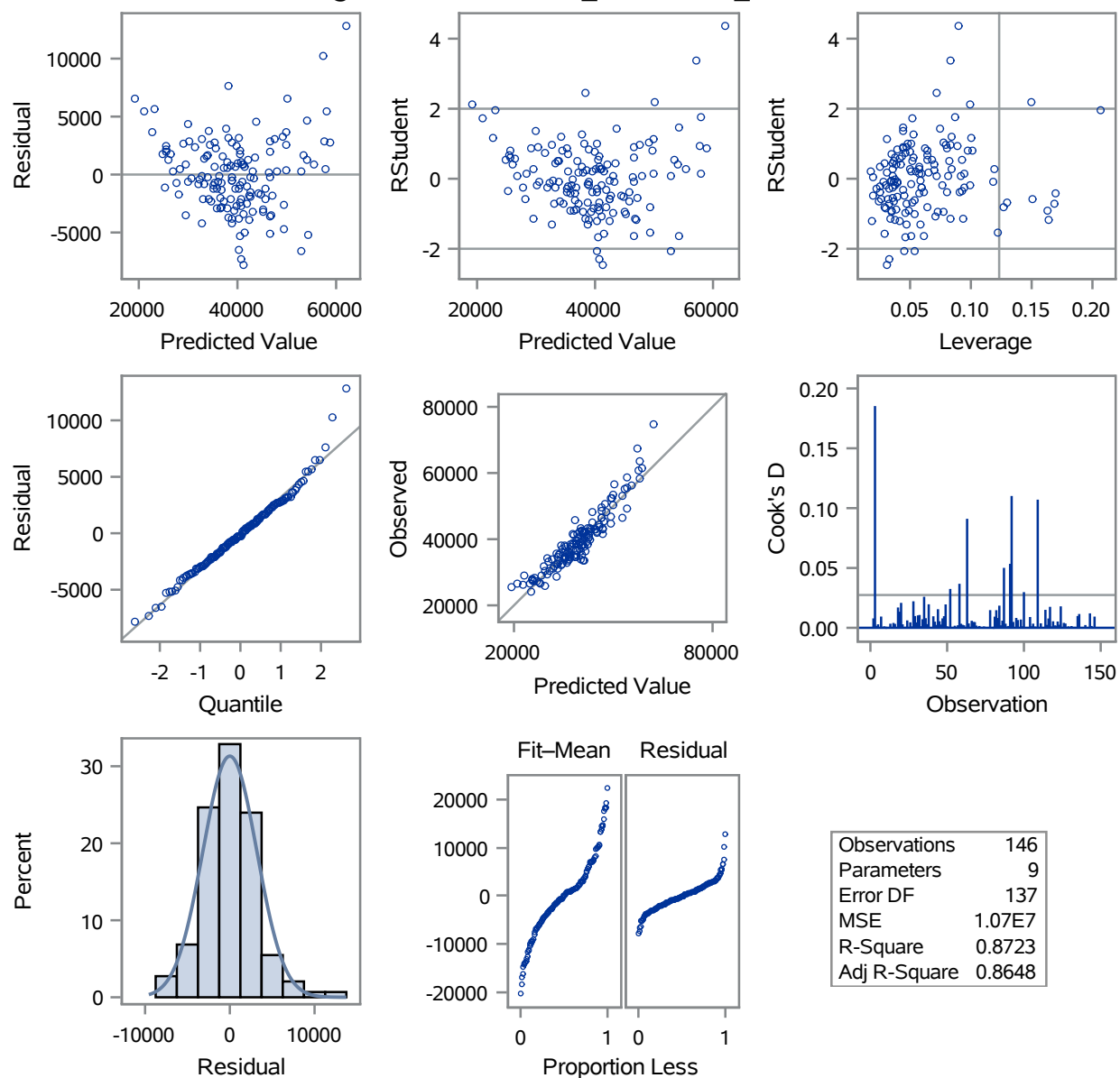


The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

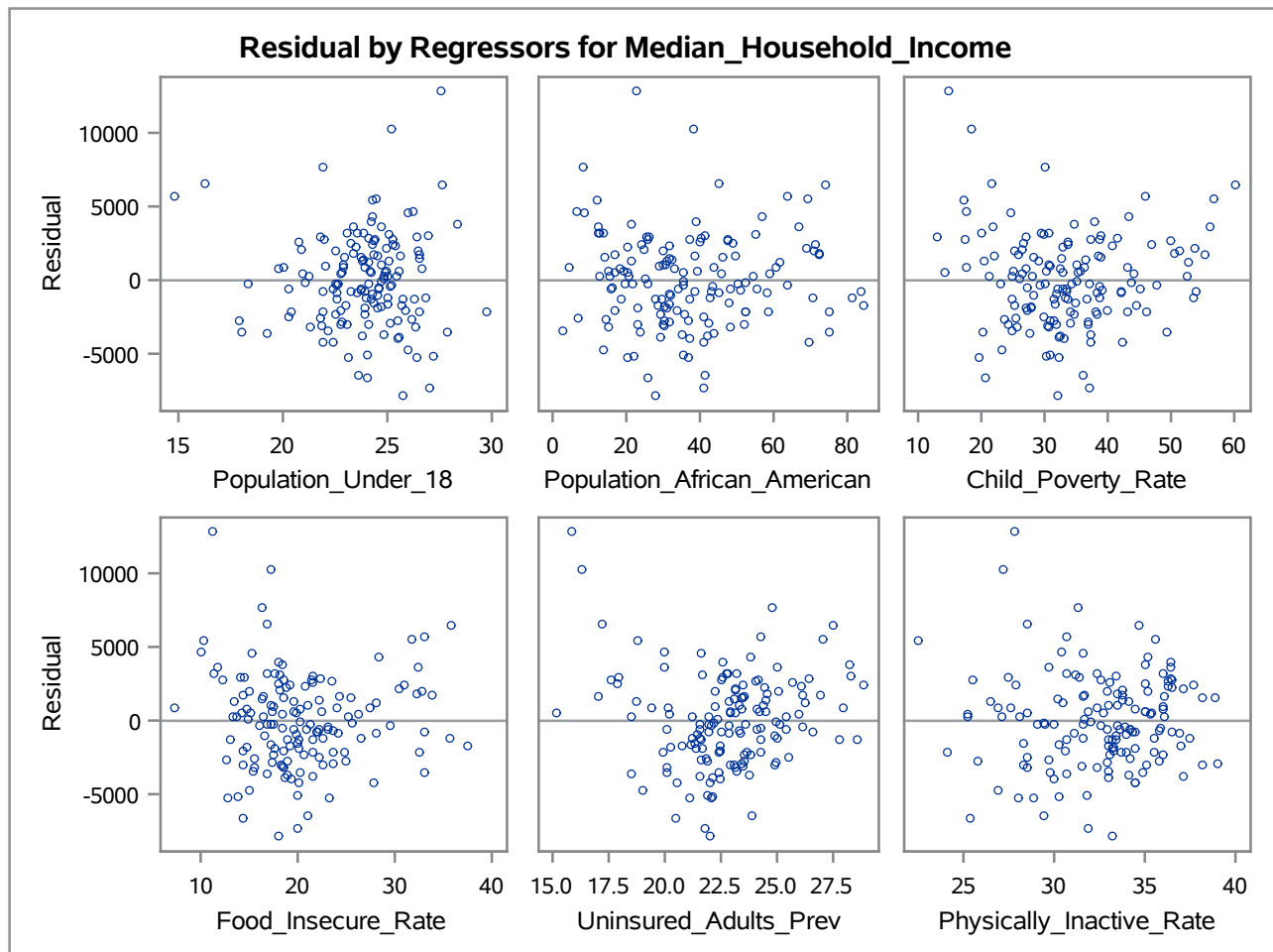


The REG Procedure
Model: MODEL1
Dependent Variable: Median_Household_Income

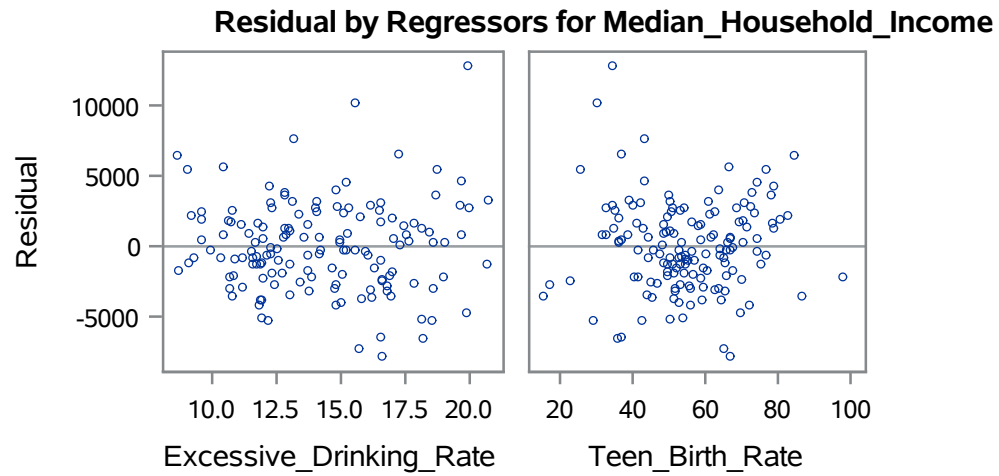
Fit Diagnostics for Median_Household_Income



The REG Procedure
Model: MODEL1
Dependent Variable: Median_Household_Income



The REG Procedure
Model: MODEL1
Dependent Variable: Median_Household_Income



The REG Procedure
Model: MODEL1
Multivariate Test: OVERALL

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
353.9912003	1676770.4146
1676770.4146	10045079172

	Canonical Correlation	Adjusted Canonical Correlation	Approximate Standard Error	Squared Canonical Correlation	Eigenvalues of Inv(E)*H = CanRsq/(1-CanRsq)			
					Eigenvalue	Difference	Proportion	Cumulative
1	0.935410	0.932077	0.010381	0.874991	6.9994	6.6481	0.9522	0.9522
2	0.509873	0.481674	0.061456	0.259970	0.3513		0.0478	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	0.09251034	38.89	16	272	<.0001
2	0.74002970	6.88	7	137	<.0001

Multivariate Statistics and F Approximations					
S=2 M=2.5 N=67					
Statistic	Value	F Value	Num DF	Den DF	Pr > F
Wilks' Lambda	0.09251034	38.89	16	272	<.0001
Pillai's Trace	1.13496134	22.47	16	274	<.0001
Hotelling-Lawley Trace	7.35072408	62.13	16	218.99	<.0001
Roy's Greatest Root	6.99942696	119.87	8	137	<.0001
NOTE: F Statistic for Roy's Greatest Root is an upper bound.					
NOTE: F Statistic for Wilks' Lambda is exact.					

The REG Procedure
Model: MODEL1
Multivariate Test: Partial1

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
0.5891530247	-11106.28035
-11106.28035	209367444.47

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.85528696	<.0001
Pillai's Trace	0.14471304	<.0001
Hotelling-Lawley Trace	0.16919823	<.0001
Roy's Greatest Root	0.16919823	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial2

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
5.777302887	22512.003765
22512.003765	87720918.124

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.93556320	0.0108
Pillai's Trace	0.06443680	0.0108
Hotelling-Lawley Trace	0.06887487	0.0108
Roy's Greatest Root	0.06887487	0.0108

The REG Procedure
Model: MODEL1
Multivariate Test: Partial3

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
6.5786385056	44138.725067
44138.725067	296144414.82

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.83084267	<.0001
Pillai's Trace	0.16915733	<.0001
Hotelling-Lawley Trace	0.20359730	<.0001
Roy's Greatest Root	0.20359730	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial4

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
2.7908445399	15709.713674
15709.713674	88430258.36

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.94151253	0.0166
Pillai's Trace	0.05848747	0.0166
Hotelling-Lawley Trace	0.06212075	0.0166
Roy's Greatest Root	0.06212075	0.0166

The REG Procedure
Model: MODEL1
Multivariate Test: Partial5

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
1.3293954922	-18730.4398
-18730.4398	263901432.64

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.81889878	<.0001
Pillai's Trace	0.18110122	<.0001
Hotelling-Lawley Trace	0.22115214	<.0001
Roy's Greatest Root	0.22115214	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial6

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
9.9731952579	25558.138665
25558.138665	65497409.316

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.93490998	0.0103
Pillai's Trace	0.06509002	0.0103
Hotelling-Lawley Trace	0.06962169	0.0103
Roy's Greatest Root	0.06962169	0.0103

The REG Procedure
Model: MODEL1
Multivariate Test: Partial7

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
0.943503613	2678.7651547
2678.7651547	7605463.9906

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.99270452	0.6078
Pillai's Trace	0.00729548	0.6078
Hotelling-Lawley Trace	0.00734910	0.6078
Roy's Greatest Root	0.00734910	0.6078

The REG Procedure
Model: MODEL1
Multivariate Test: Partial8

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
30.575114213	52970.141396
52970.141396	91768614.83

Multivariate Statistics		
S=1 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.86209333	<.0001
Pillai's Trace	0.13790667	<.0001
Hotelling-Lawley Trace	0.15996722	<.0001
Roy's Greatest Root	0.15996722	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial12

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
6.3142866507	11808.216217
11808.216217	301081313.03

Multivariate Statistics		
S=2 M=-0.5 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.80246620	<.0001
Pillai's Trace	0.20220401	<.0001
Hotelling-Lawley Trace	0.24033858	<.0001
Roy's Greatest Root	0.21301774	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial345

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
15.254133295	121297.96739
121297.96739	1739962594.2

Multivariate Statistics		
S=2 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.44084162	<.0001
Pillai's Trace	0.57638470	<.0001
Hotelling-Lawley Trace	1.22931241	<.0001
Roy's Greatest Root	1.19665816	<.0001

The REG Procedure
Model: MODEL1
Multivariate Test: Partial678

Error Matrix (E)	
223.41126545	160955.96484
160955.96484	1470875303.8

Hypothesis Matrix (H)	
58.480428371	119943.16729
119943.16729	252738199.28

Multivariate Statistics		
S=2 M=0 N=67		
Statistic	Value	P-Value
Wilks' Lambda	0.74380120	<.0001
Pillai's Trace	0.25716663	<.0001
Hotelling-Lawley Trace	0.34314408	<.0001
Roy's Greatest Root	0.33930926	<.0001