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

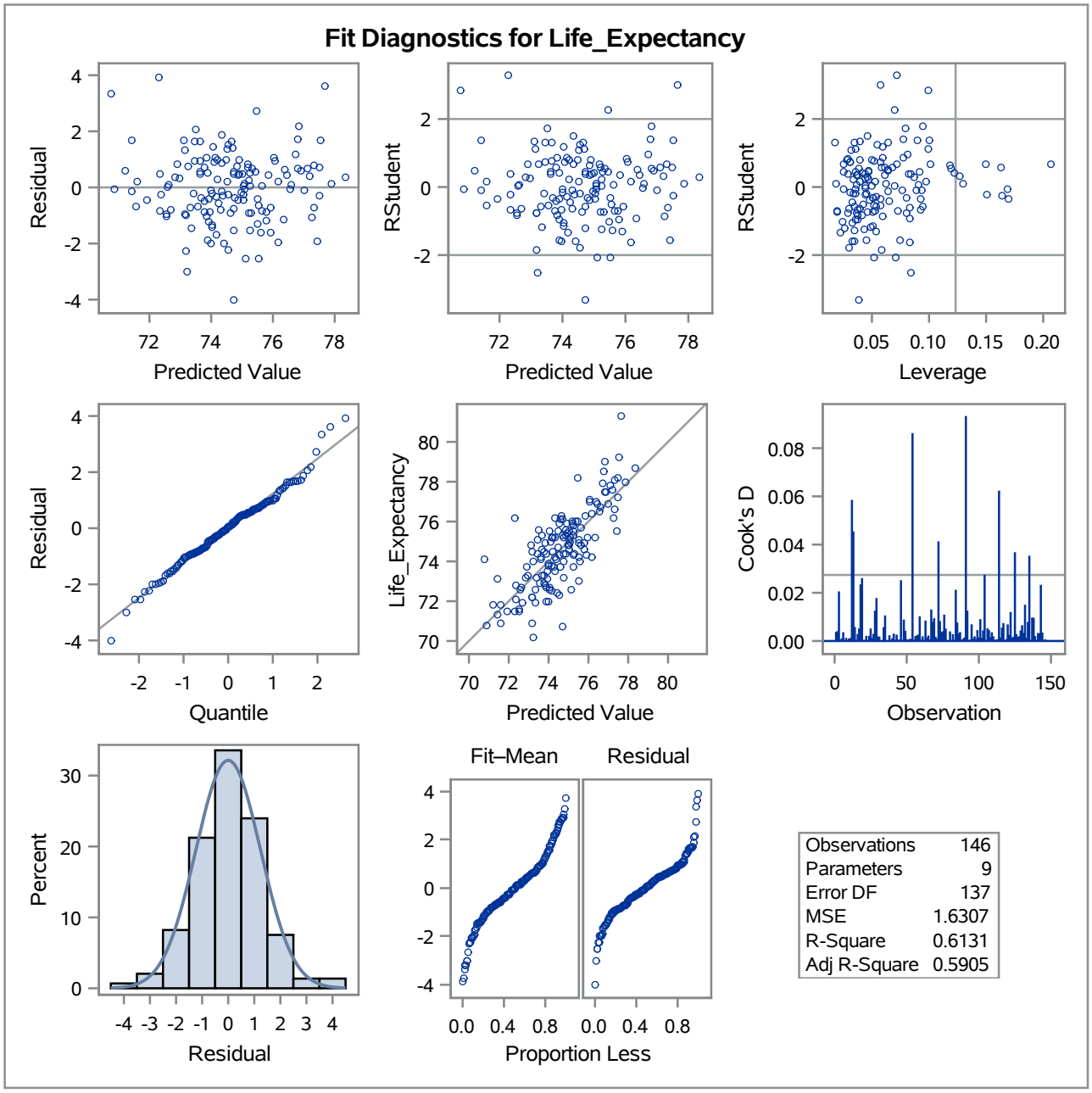
Number of Observations Read	146
Number of Observations Used	146

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

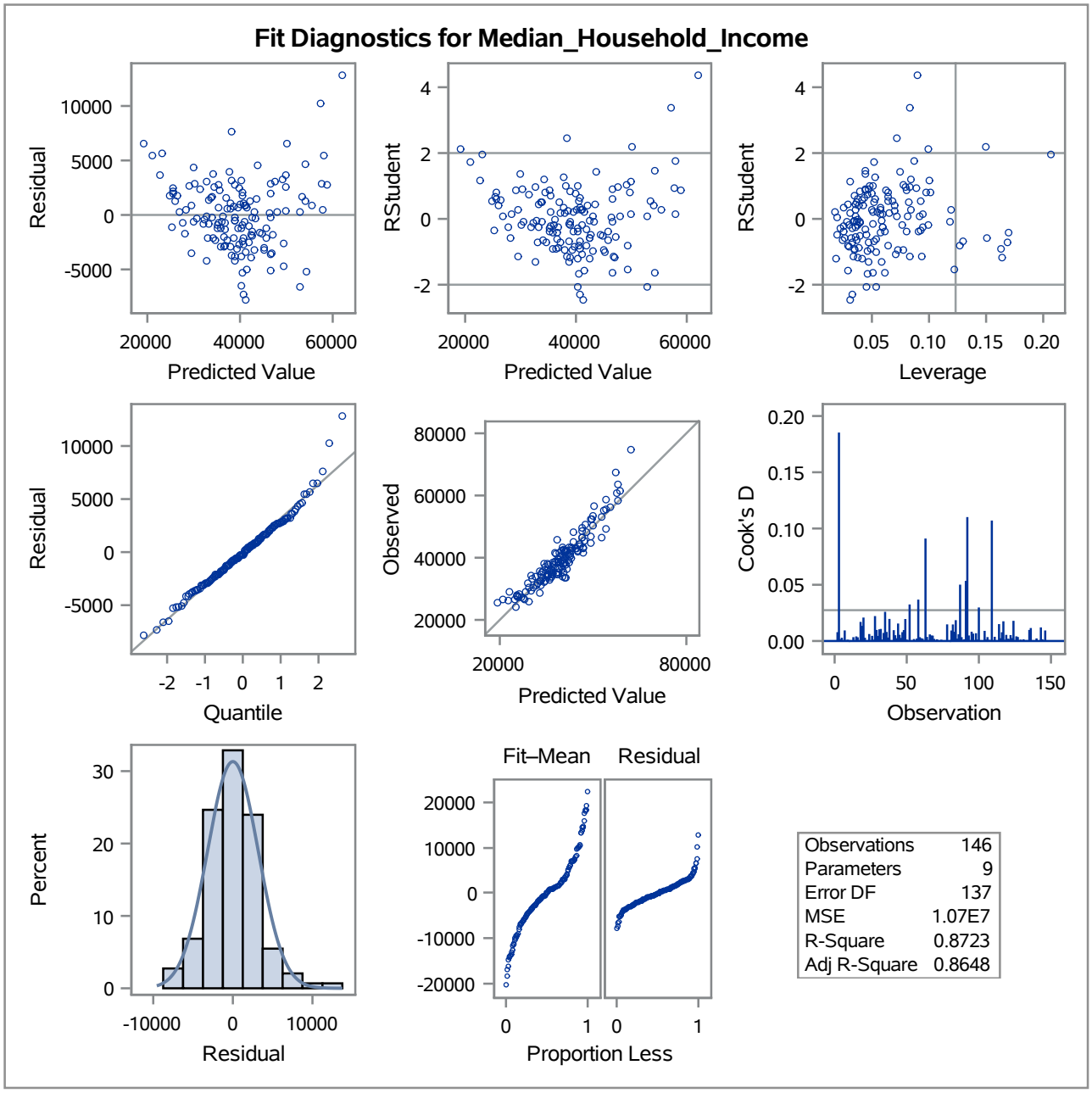
The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy



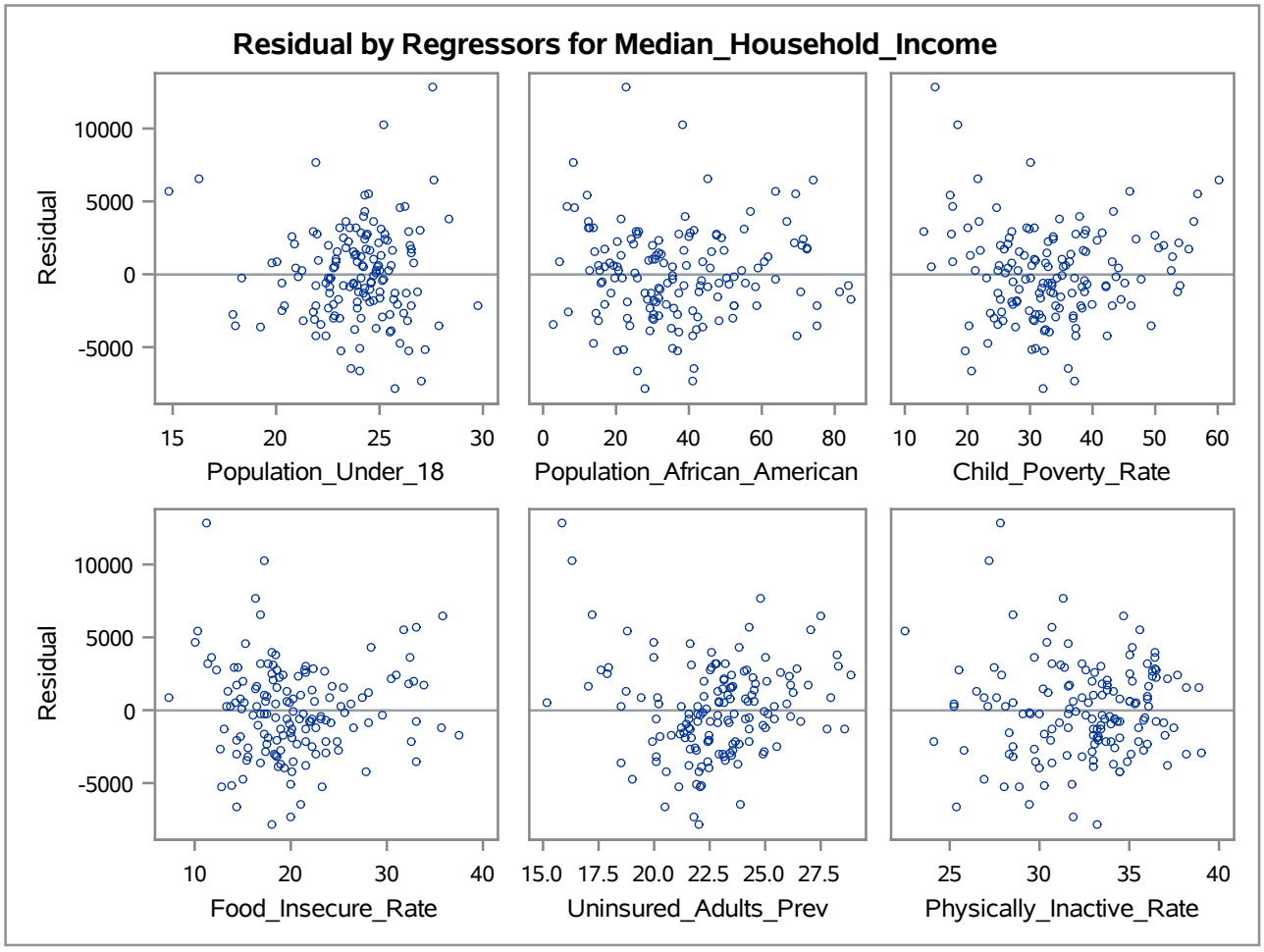
The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

The REG Procedure
Model: MODEL1
Dependent Variable: Life_Expectancy

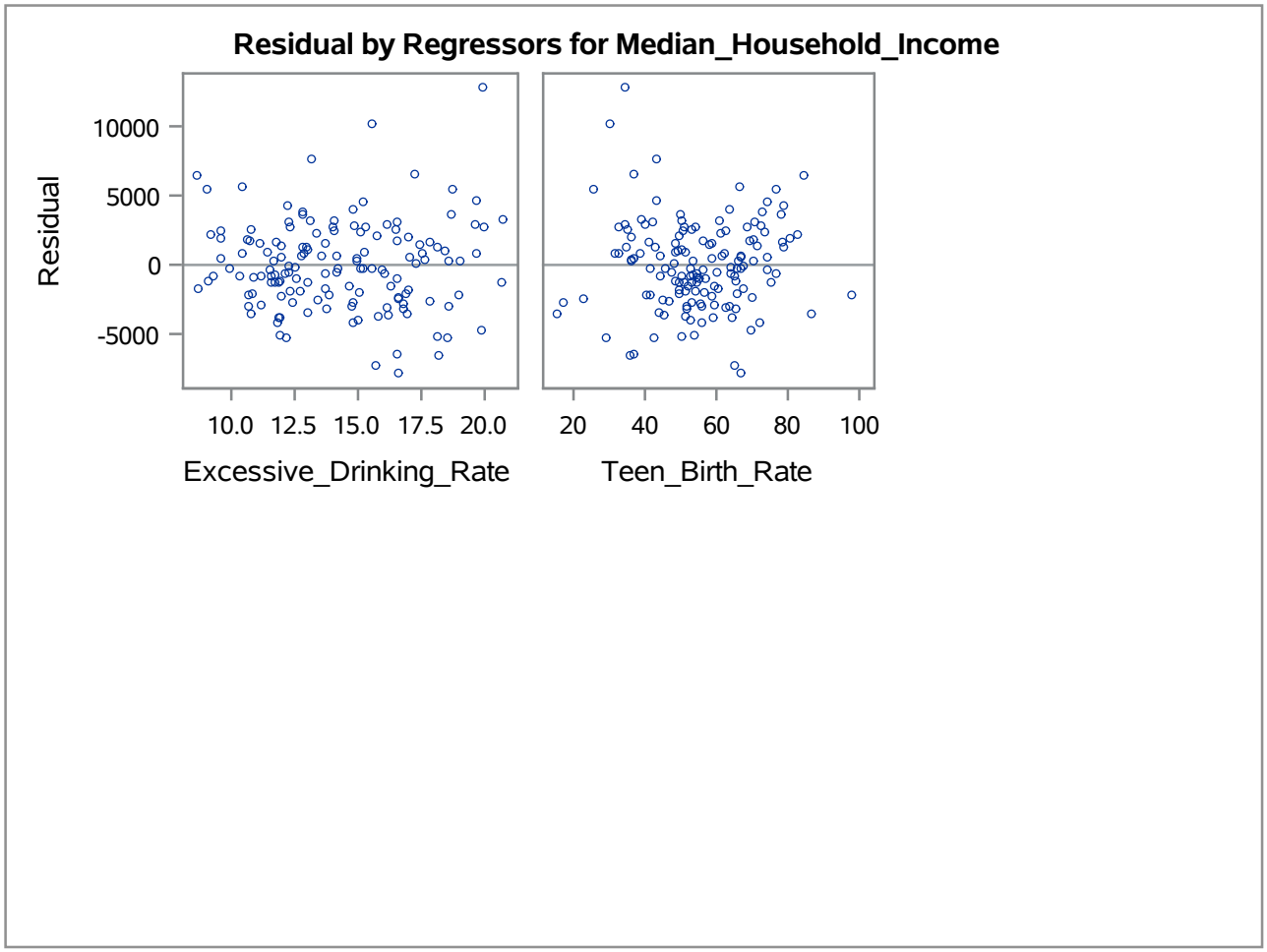
The REG Procedure
Model: MODEL1
Dependent Variable: Median_Household_Income



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.					