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

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	0.36561 <.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

	Population_Rural	Median_Household_Income	Graduation_Rate	Some_College_Rate
Pearson Correlation Coefficients, N = 146 **Prob > |r| under H0: Rho=0**				
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

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

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