Correlation of Expenditure Data

The CORR Procedure

15 Variables:	HSHD_Exp_Appa HSHD_Exp_Contr HSHD_Exp_Edua HSHD_Exp_Ente HSHD_Exp_Food HSHD_Exp_Gift HSHD_Exp_Heal HSHD_Exp_Furn HSHD_Exp_Hhop HSHD_Exp_Misc HSHD_Exp_Pers HSHD_Exp_Read HSHD_Exp_Toba HSHD_Exp_Tran HSHD_Exp_Util

Simple Statistics

Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
HSHD_Exp_Appa	201	2126	546.43932	427403	0	4756	Ave Household Exp - Apparel by ZIP Code
HSHD_Exp_Contr	201	1048	296.31080	210591	0	2576	Ave Household Exp - Contributions by ZIP Code
HSHD_Exp_Edua	201	715.62587	165.79304	143841	0	1500	Ave Household Exp - Education by ZIP Code
HSHD_Exp_Ente	201	1961	520.14681	394126	0	4509	Ave Household Exp - Entertainment by ZIP Code
HSHD_Exp_Food	201	6635	1666	1333555	0	14509	Ave Household Exp - Food/Beverages by ZIP Code
HSHD_Exp_Gift	201	1136	289.57301	228357	0	2644	Ave Household Exp - Gifts by ZIP Code
HSHD_Exp_Heal	201	2456	664.64494	493607	0	5735	Ave Household Exp - Health Care by ZIP Code
HSHD_Exp_Furn	201	1484	395.37855	298257	0	3473	Ave Household Exp - Furnishings by ZIP Code
HSHD_Exp_Hhop	201	1206	318.34767	242494	0	2824	Ave Household Exp - HH Operations by ZIP Code
HSHD_Exp_Misc	201	430.67841	117.16983	86566	0	1002	Ave Household Exp - Misc by ZIP Code
HSHD_Exp_Pers	201	642.53149	167.62457	129149	0	1443	Ave Household Exp - Personal Care by ZIP Code
HSHD_Exp_Read	201	208.87488	52.20324	41984	0	467.00000	Ave Household Exp - Reading by ZIP Code
HSHD_Exp_Toba	201	334.52443	92.57680	67239	0	801.00000	Ave Household Exp - Tobacco by ZIP Code
HSHD_Exp_Tran	201	8384	2143	1685271	0	18546	Ave Household Exp - Transportation by ZIP Code
HSHD_Exp_Util	201	2987	778.43021	600287	0	6733	Ave Household Exp - Utilities by ZIP Code

Pearson Correlation Coefficients, N = 201
Prob > |r| under H0: Rho=0

	HSHD_Exp_Appa	HSHD_Exp_Contr	HSHD_Exp_Edua	HSHD_Exp_Ente	HSHD_Exp_Food	HSHD_Exp_Gift	HSHD_Exp_Heal	HSHD_Exp_Furn	HSHD_Exp_Hhop	HSHD_Exp_Misc	HSHD_E...
HSHD_Exp_Appa Ave Household Exp - Apparel by ZIP Code	1.00000	0.98750 <.0001	0.97572 <.0001	0.99853 <.0001	0.99779 <.0001	0.99629 <.0001	0.99453 <.0001	0.99802 <.0001	0.99486 <.0001	0.99616 <.0001	
HSHD_Exp_Contr Ave Household Exp - Contributions by ZIP Code	0.98750 <.0001	1.00000	0.96114 <.0001	0.99374 <.0001	0.98118 <.0001	0.98980 <.0001	0.98608 <.0001	0.99354 <.0001	0.99446 <.0001	0.99017 <.0001	
HSHD_Exp_Edua Ave Household Exp - Education by ZIP Code	0.97572 <.0001	0.96114 <.0001	1.00000	0.97108 <.0001	0.98277 <.0001	0.98260 <.0001	0.95857 <.0001	0.97243 <.0001	0.98088 <.0001	0.96010 <.0001	
HSHD_Exp_Ente Ave Household Exp - Entertainment by ZIP Code	0.99853 <.0001	0.99374 <.0001	0.97108 <.0001	1.00000	0.99511 <.0001	0.99636 <.0001	0.99472 <.0001	0.99954 <.0001	0.99691 <.0001	0.99755 <.0001	
HSHD_Exp_Food Ave Household Exp - Food/Beverages by ZIP Code	0.99779 <.0001	0.98118 <.0001	0.98277 <.0001	0.99511 <.0001	1.00000	0.99494 <.0001	0.99028 <.0001	0.99482 <.0001	0.99326 <.0001	0.99197 <.0001	
HSHD_Exp_Gift Ave Household Exp - Gifts by ZIP Code	0.99629 <.0001	0.98980 <.0001	0.98260 <.0001	0.99636 <.0001	0.99494 <.0001	1.00000	0.98607 <.0001	0.99794 <.0001	0.99830 <.0001	0.98970 <.0001	
HSHD_Exp_Heal Ave Household Exp - Health Care by ZIP Code	0.99453 <.0001	0.98608 <.0001	0.95857 <.0001	0.99472 <.0001	0.99028 <.0001	0.98607 <.0001	1.00000	0.99225 <.0001	0.98740 <.0001	0.99846 <.0001	
HSHD_Exp_Furn Ave Household Exp - Furnishings by ZIP Code	0.99802 <.0001	0.99354 <.0001	0.97243 <.0001	0.99954 <.0001	0.99482 <.0001	0.99794 <.0001	0.99225 <.0001	1.00000	0.99788 <.0001	0.99577 <.0001	
HSHD_Exp_Hhop Ave Household Exp - HH Operations by ZIP Code	0.99486 <.0001	0.99446 <.0001	0.98088 <.0001	0.99691 <.0001	0.99326 <.0001	0.99830 <.0001	0.98740 <.0001	0.99788 <.0001	1.00000	0.99065 <.0001	
HSHD_Exp_Misc Ave Household Exp - Misc by ZIP Code	0.99616 <.0001	0.99017 <.0001	0.96010 <.0001	0.99755 <.0001	0.99197 <.0001	0.98970 <.0001	0.99846 <.0001	0.99577 <.0001	0.99065 <.0001	1.00000	
HSHD_Exp_Pers Ave Household Exp - Personal Care by ZIP Code	0.99867 <.0001	0.98549 <.0001	0.97106 <.0001	0.99666 <.0001	0.99452 <.0001	0.99413 <.0001	0.99167 <.0001	0.99612 <.0001	0.99173 <.0001	0.99391 <.0001	
HSHD_Exp_Read Ave Household Exp - Reading by ZIP Code	0.99656 <.0001	0.98598 <.0001	0.98904 <.0001	0.99511 <.0001	0.99823 <.0001	0.99733 <.0001	0.98818 <.0001	0.99529 <.0001	0.99664 <.0001	0.99006 <.0001	
HSHD_Exp_Toba Ave Household Exp - Tobacco by ZIP Code	0.99252 <.0001	0.99671 <.0001	0.95699 <.0001	0.99712 <.0001	0.98562 <.0001	0.99086 <.0001	0.99334 <.0001	0.99642 <.0001	0.99351 <.0001	0.99621 <.0001	
HSHD_Exp_Tran Ave Household Exp - Transportation by ZIP Code	0.99780 <.0001	0.98033 <.0001	0.97444 <.0001	0.99540 <.0001	0.99905 <.0001	0.99289 <.0001	0.99200 <.0001	0.99483 <.0001	0.99104 <.0001	0.99382 <.0001	
HSHD_Exp_Util Ave Household Exp - Utilities by ZIP Code	0.99887 <.0001	0.98655 <.0001	0.96947 <.0001	0.99732 <.0001	0.99406 <.0001	0.99366 <.0001	0.99452 <.0001	0.99640 <.0001	0.99193 <.0001	0.99574 <.0001	

Correlation of Expenditure Data

The CORR Procedure

Scatter Plot

Observations	201
Correlation	0.9875
p-Value	1E-161

Ave Household Exp - Contributions by ZIP Code (y-axis)
Ave Household Exp - Apparel by ZIP Code (x-axis)

Prediction Ellipses ——— 80%   — — — 70%

Scatter Plot

Observations	201
Correlation	0.9757
p-Value	3E-133

Ave Household Exp - Education by ZIP Code (y-axis)
Ave Household Exp - Apparel by ZIP Code (x-axis)

Prediction Ellipses ——— 80%   — — — 70%

Scatter Plot

Observations	201
Correlation	0.9611
p-Value	3E-113

Y-axis: Ave Household Exp - Education by ZIP Code
X-axis: Ave Household Exp - Contributions by ZIP Code

Prediction Ellipses —— 80% - - - 70%

Scatter Plot

Observations	201
Correlation	0.9985
p-Value	7E-254

Y-axis: Ave Household Exp - Entertainment by ZIP Code
X-axis: Ave Household Exp - Apparel by ZIP Code

Prediction Ellipses —— 80% - - - 70%

Scatter Plot

Observations	201
Correlation	0.9937
p-Value	2E-191

Y-axis: Ave Household Exp - Entertainment by ZIP Code
X-axis: Ave Household Exp - Contributions by ZIP Code

Prediction Ellipses —— 80% - - - 70%

Scatter Plot

Observations	201
Correlation	0.9711
p-Value	1E-125

Ave Household Exp - Entertainment by ZIP Code vs Ave Household Exp - Education by ZIP Code

Prediction Ellipses ——— 80% – – – 70%

Scatter Plot

Observations	201
Correlation	0.9978
p-Value	2E-236

Ave Household Exp - Food/Beverages by ZIP Code vs Ave Household Exp - Apparel by ZIP Code

Prediction Ellipses ——— 80% – – – 70%

Scatter Plot

Observations	201
Correlation	0.9812
p-Value	4E-144

Ave Household Exp - Food/Beverages by ZIP Code vs Ave Household Exp - Contributions by ZIP Code

Prediction Ellipses ——— 80% – – – 70%

Scatter Plot

Observations	201
Correlation	0.9828
p-Value	7E-148

Ave Household Exp - Food/Beverages by ZIP Code

Ave Household Exp - Education by ZIP Code

Prediction Ellipses ——— 80% – – – 70%

Scatter Plot

Observations	201
Correlation	0.9951
p-Value	5E-202

Ave Household Exp - Food/Beverages by ZIP Code

Ave Household Exp - Entertainment by ZIP Code

Prediction Ellipses ——— 80% – – – 70%