1.Normal distribution for both variables for pearson 2.homoscedasticity assumes that data is equally distributed about the regression line. 3.Linear: Linear: pearson Monotonically related (not normal): spearman kendall hoeffding

The CORR Procedure

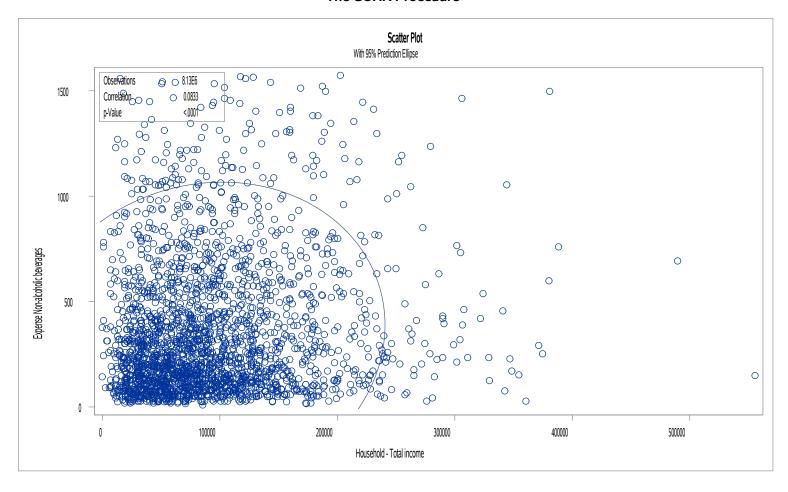
2	Variables:	HH_Totinc FD806		
Fre	q Variable:	WeightD		

Simple Statistics							
Variable	N	Mean	Std Dev	Median	Minimum	Maximum	Label
HH_Totinc	8128876	89406	61769	74200	250.00000	555500	Household - Total income
FD806	8128876	326.86463	302.05320	224.12000	11.83000	1573	Expense Non-alcoholic beverages

Pearson Correlation Coefficients, N = 8128876 Prob > r under H0: Rho=0					
	HH_Totinc	FD806			
HH_TotInc Household - Total income	1.00000	0.08326 <.0001			
FD806 Expense Non-alcoholic beverages	0.08326 <.0001	1.00000			

Spearman Correlation Coefficients, N = 8128876 Prob > r under H0: Rho=0					
	HH_TotInc	FD806			
HH_TotInc Household - Total income	1.00000	0.09047 <.0001			
FD806 Expense Non-alcoholic beverages	0.09047 <.0001	1.00000			

The CORR Procedure



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