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

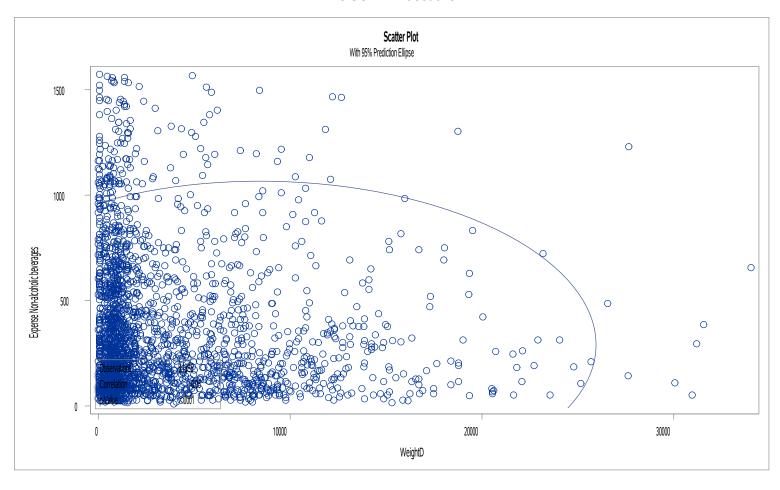
2	Variables:	WeightD FD806			
Fre	eq Variable:	WeightD			

Simple Statistics								
Variable	N	Mean	Std Dev	Median	Minimum	Maximum	Label	
WeightD	8128876	9249	6822	7953	13.01060	34024		
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					
	WeightD	FD806			
WeightD	1.00000	-0.04954 <.0001			
FD806 Expense Non-alcoholic beverages	-0.04954 <.0001	1.00000			

Spearman Correlation Coefficients, N = 8128876 Prob >  r  under H0: Rho=0					
	WeightD	FD806			
WeightD	1.00000	-0.07427 <.0001			
FD806 Expense Non-alcoholic beverages	-0.07427 <.0001	1.00000			

## The CORR Procedure



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