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

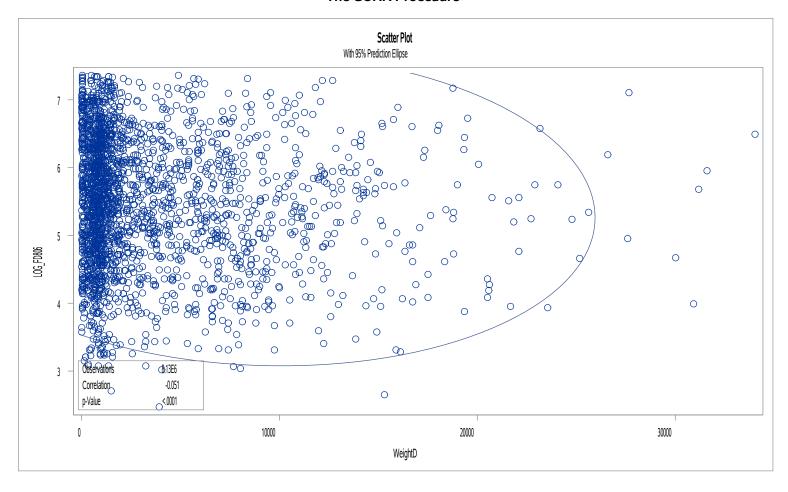
2	Variables:	WeightD LOG_FD806	;
Freq Variable:		WeightD	

Simple Statistics							
Variable	N	Mean	Std Dev	Median	Minimum	Maximum	
WeightD	8128876	9249	6822	7953	13.01060	34024	
LOG_FD806	8128876	5.38219	0.94166	5.41218	2.47064	7.36074	

Pearson Correlation Coefficients, N = 8128876 Prob > r under H0: Rho=0					
	WeightD	LOG_FD806			
WeightD	1.00000	-0.05135 <.0001			
LOG_FD806	-0.05135 <.0001	1.00000			

Spearman Correlation Coefficients, N = 8128876 Prob > r under H0: Rho=0					
	WeightD	LOG_FD806			
WeightD	1.00000	-0.07427 <.0001			
LOG_FD806	-0.07427 <.0001	1.00000			

The CORR Procedure



The CORR Procedure

