

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

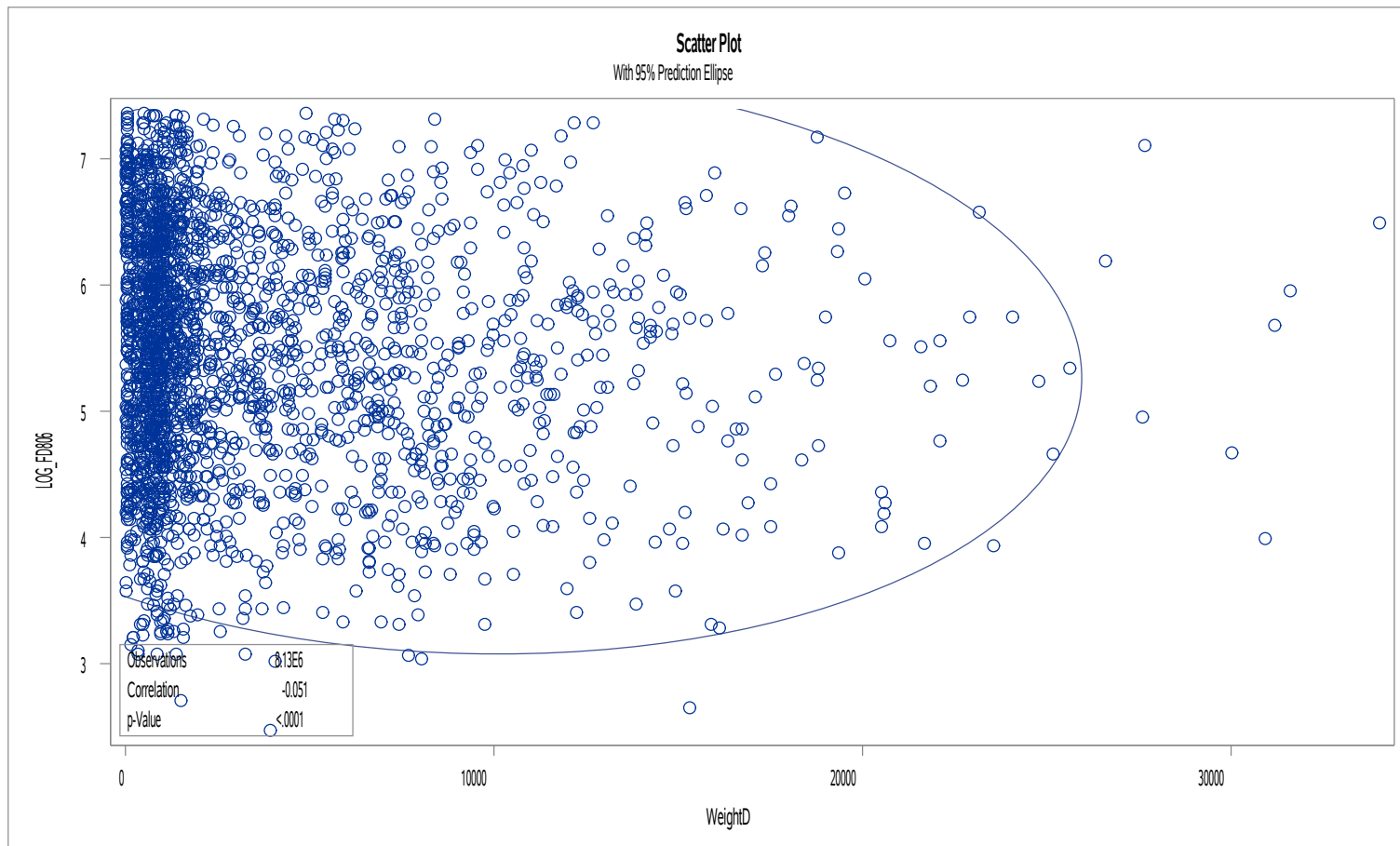
<b>2 Variables:</b>	WeightD LOG_FD806
<b>Freq Variable:</b>	WeightD

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

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