Nsi vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE

Number of Observations Read	596
Number of Observations Used	596

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1494.65433	1494.65433	63.26	<.0001
Error	594	14034	23.62589		
Corrected Total	595	15528			

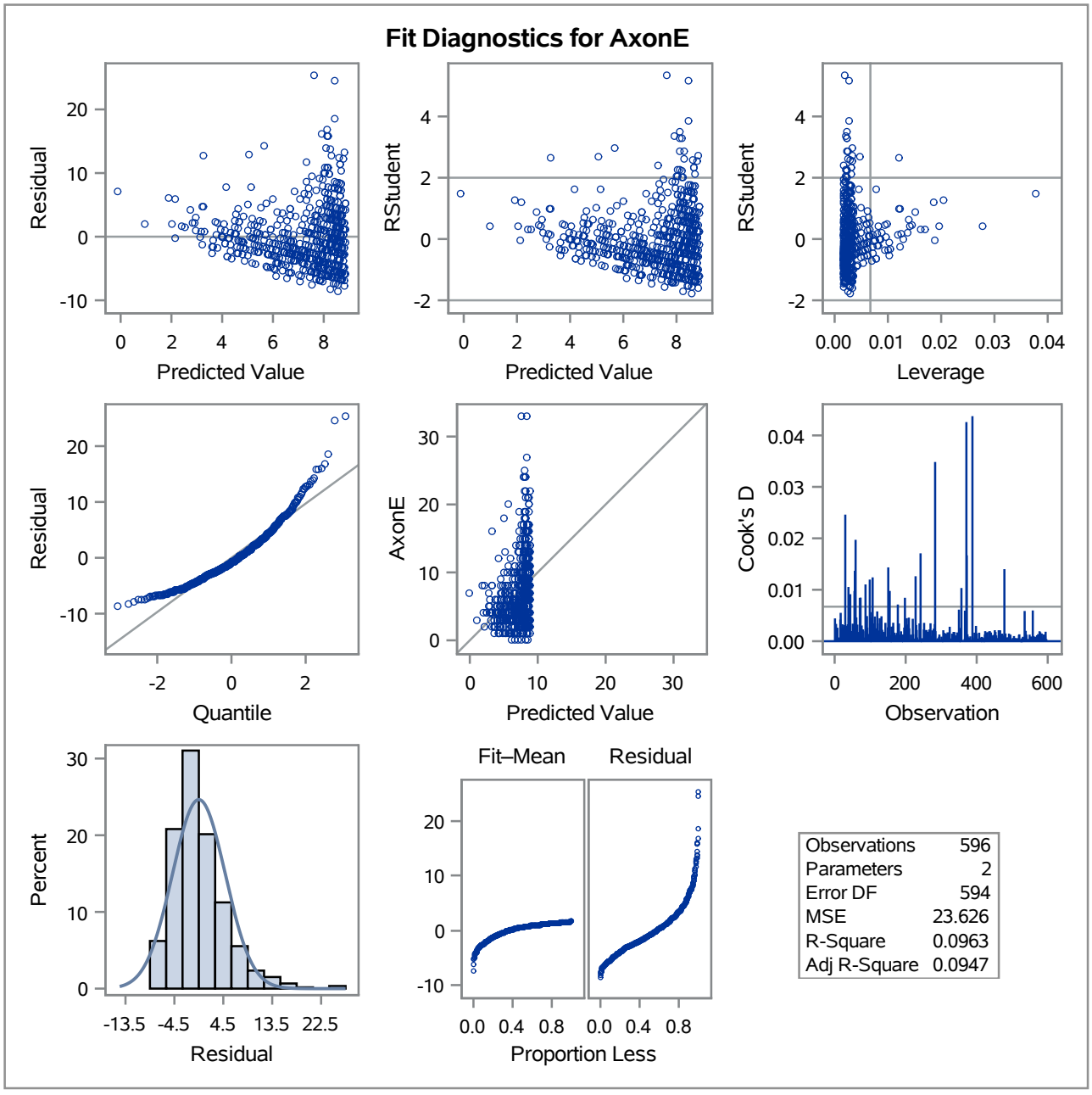
Root MSE	4.86065	**R-Square**	0.0963
Dependent Mean	7.20302	**Adj R-Sq**	0.0947
Coeff Var	67.48069		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	1	8.87943	0.28994	30.63	<.0001	8.31000	9.44886
Nsi	1	-0.00067310	0.00008463	-7.95	<.0001	-0.00083930	-0.00050690

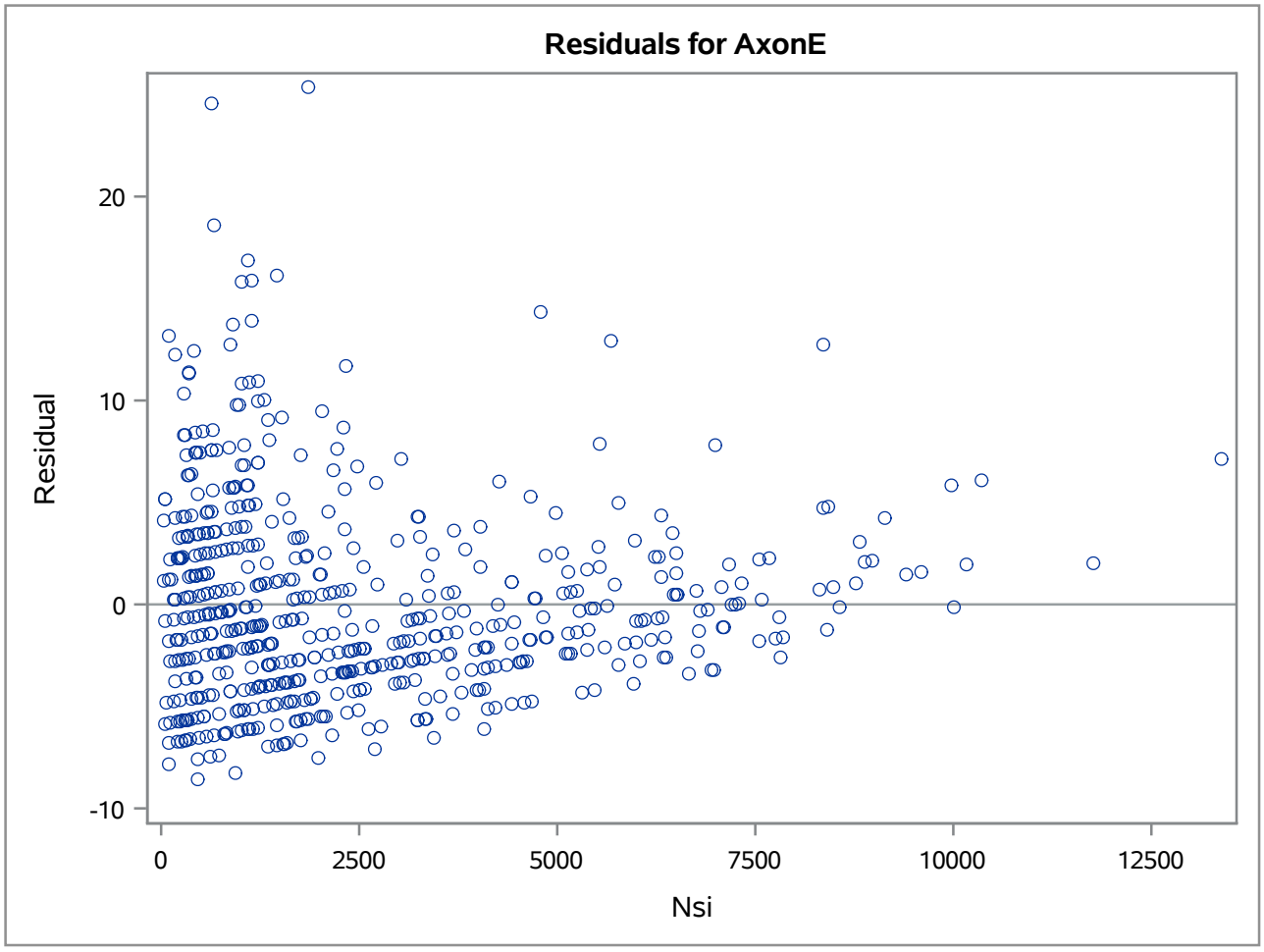
Nsi vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE



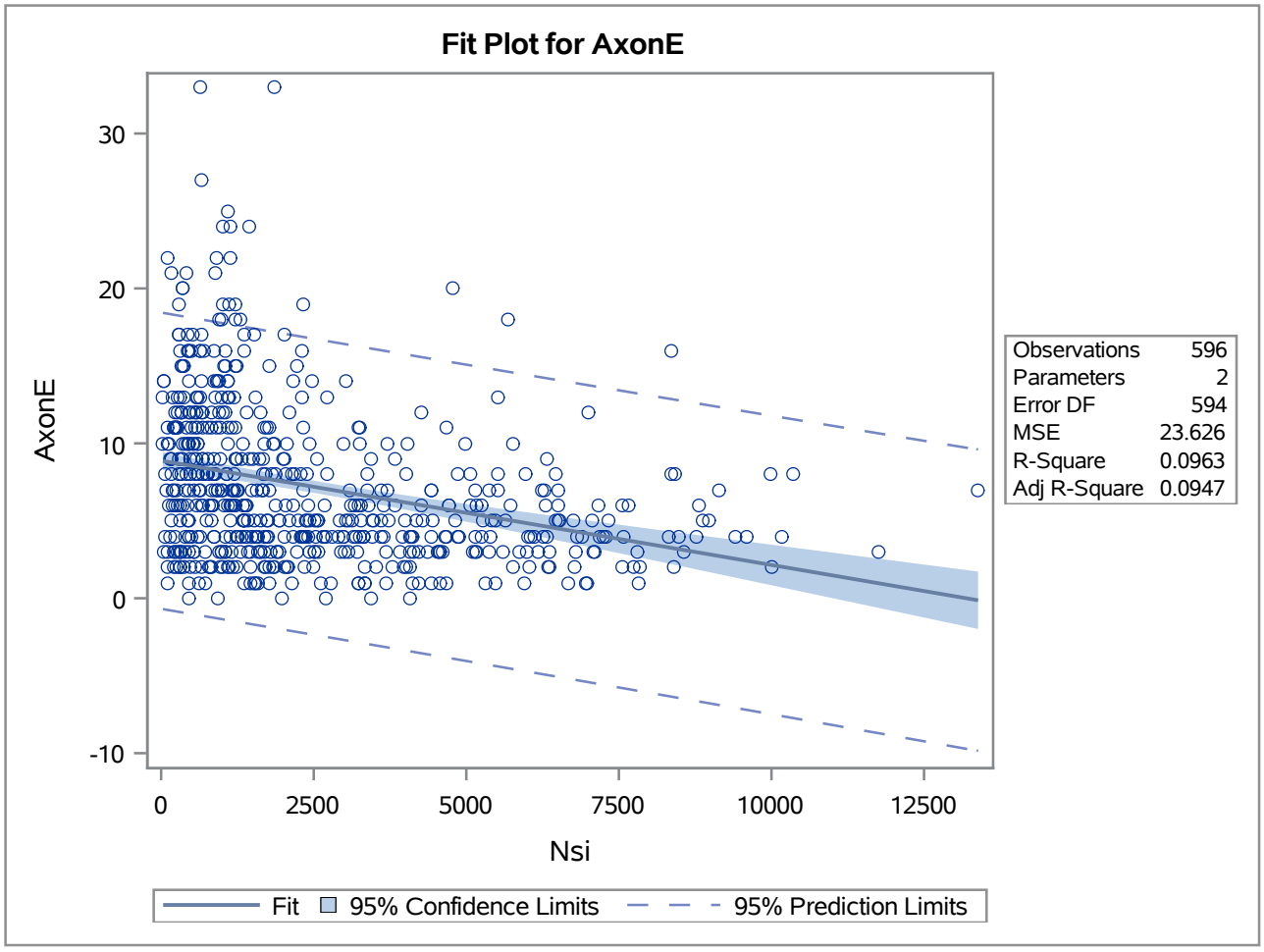
Nsi vs. Total Excitatory Axonal Contacts in All Neurons

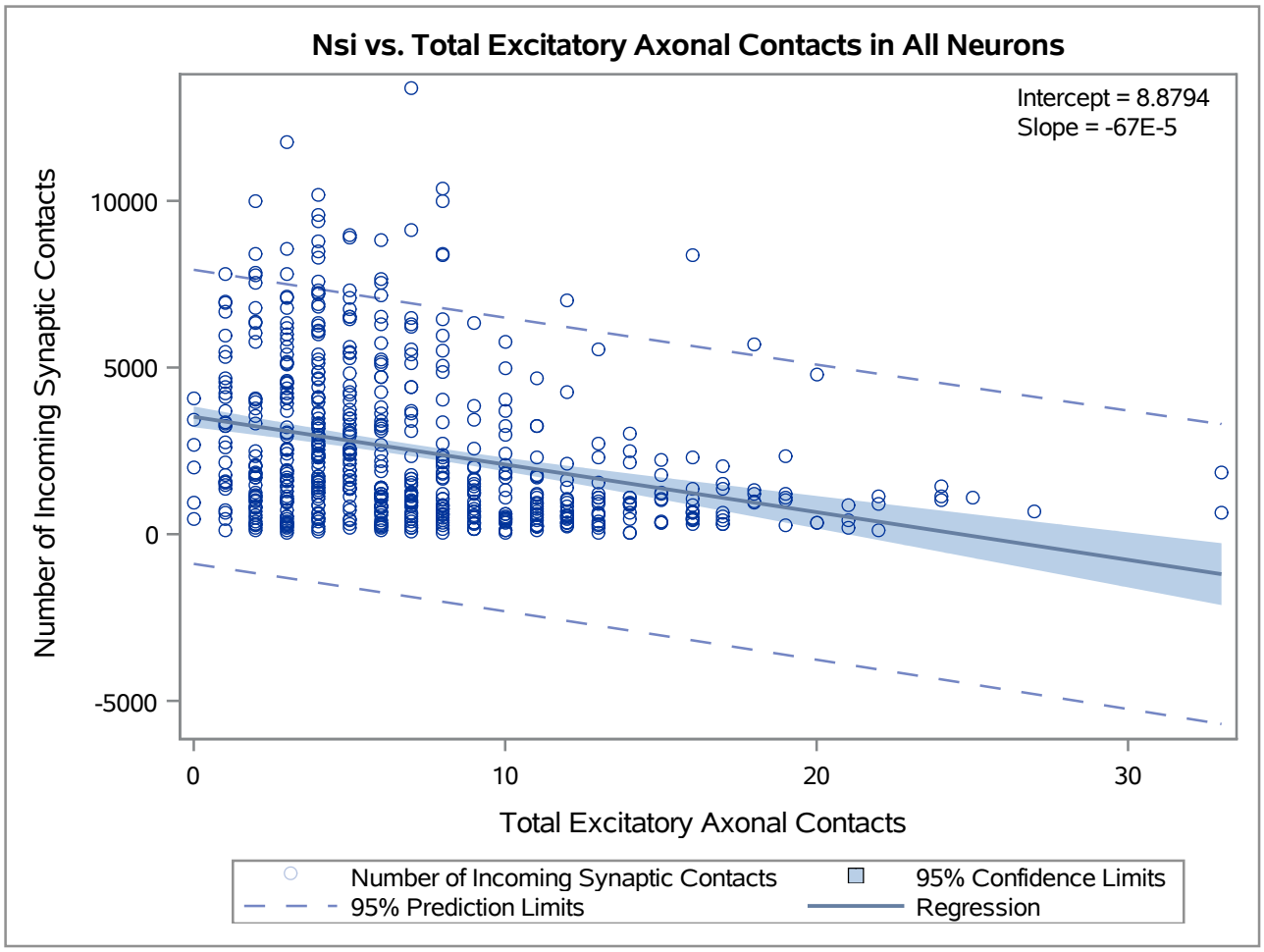
The REG Procedure
Model: MODEL1
Dependent Variable: AxonE



Nsi vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE




Nsi vs. Total Excitatory Axonal Contacts in All Neurons
Intercept = 8.8794
Slope = -67E-5
Number of Incoming Synaptic Contacts
10000
5000
0
-5000
0
10
20
30
Total Excitatory Axonal Contacts
Number of Incoming Synaptic Contacts
95% Confidence Limits
95% Prediction Limits
Regression

Sp vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE

Number of Observations Read	596
Number of Observations Used	596

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	1948.17650	1948.17650	85.21	<.0001
Error	594	13580	22.86239		
Corrected Total	595	15528			

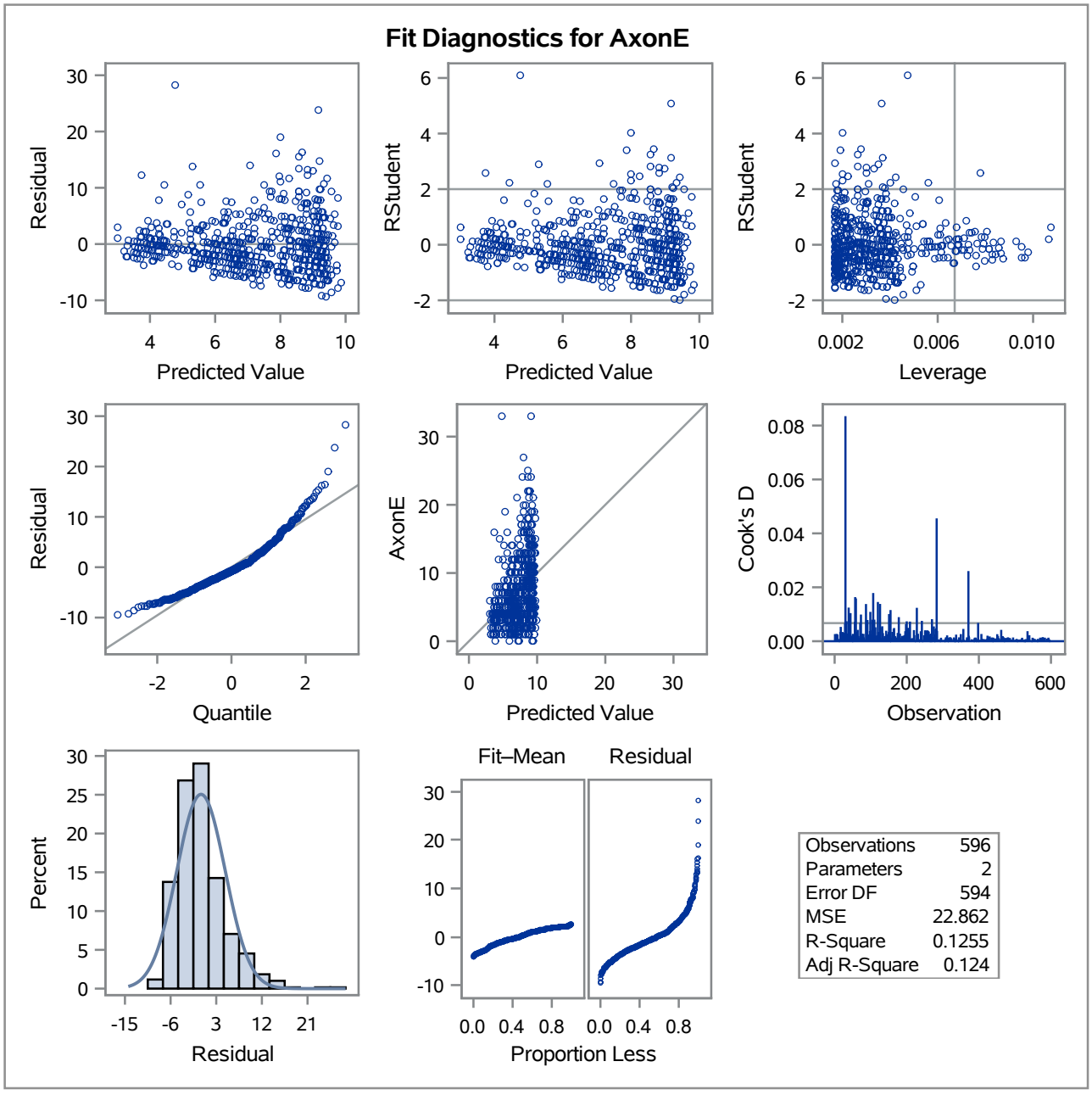
Root MSE	4.78146	**R-Square**	0.1255
Dependent Mean	7.20302	**Adj R-Sq**	0.1240
Coeff Var	66.38136		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|	95% Confidence Limits	
Intercept	1	9.85450	0.34765	28.35	<.0001	9.17172	10.53728
Sp	1	-17.67198	1.91440	-9.23	<.0001	-21.43179	-13.91217

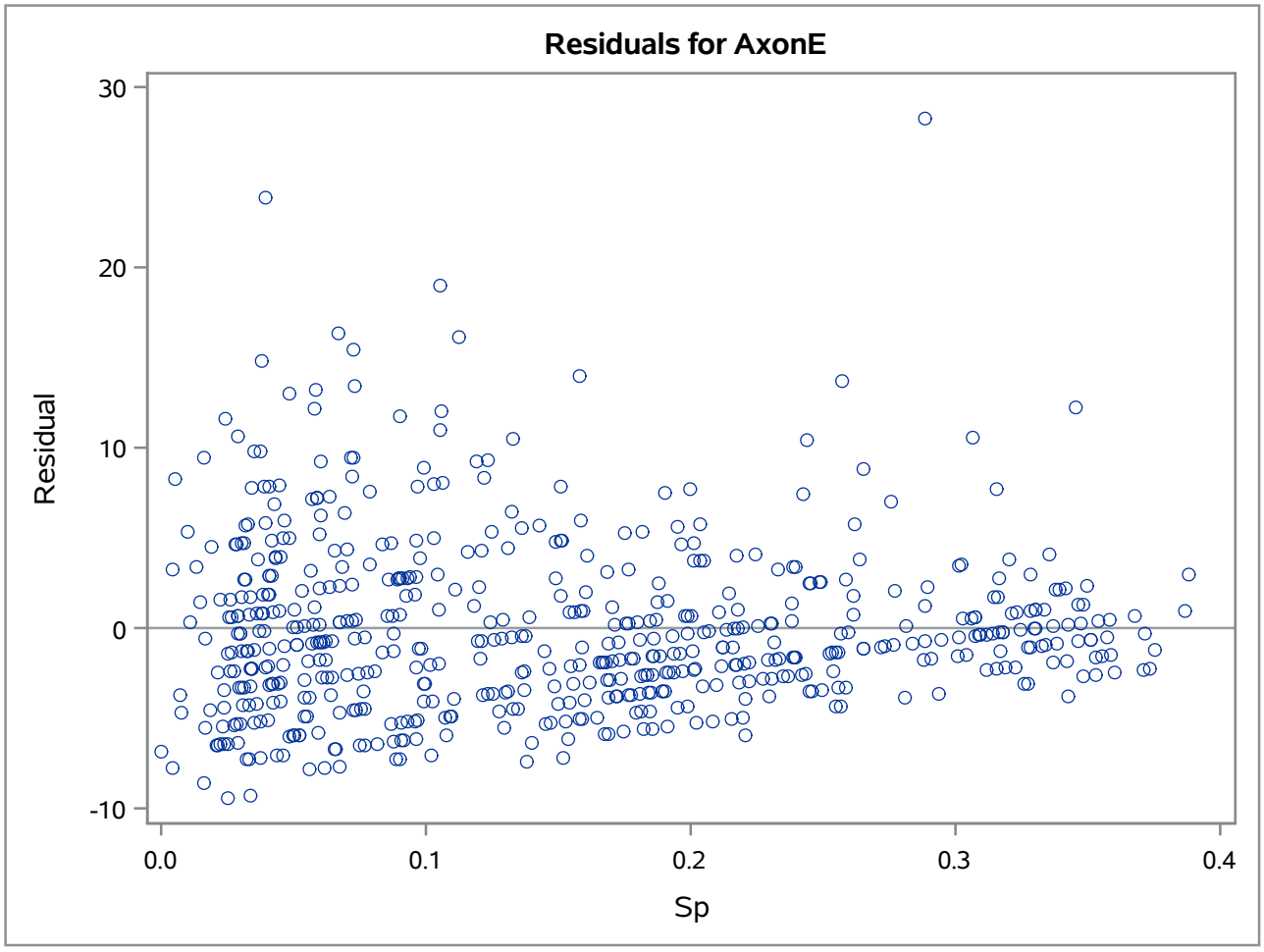
Sp vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE



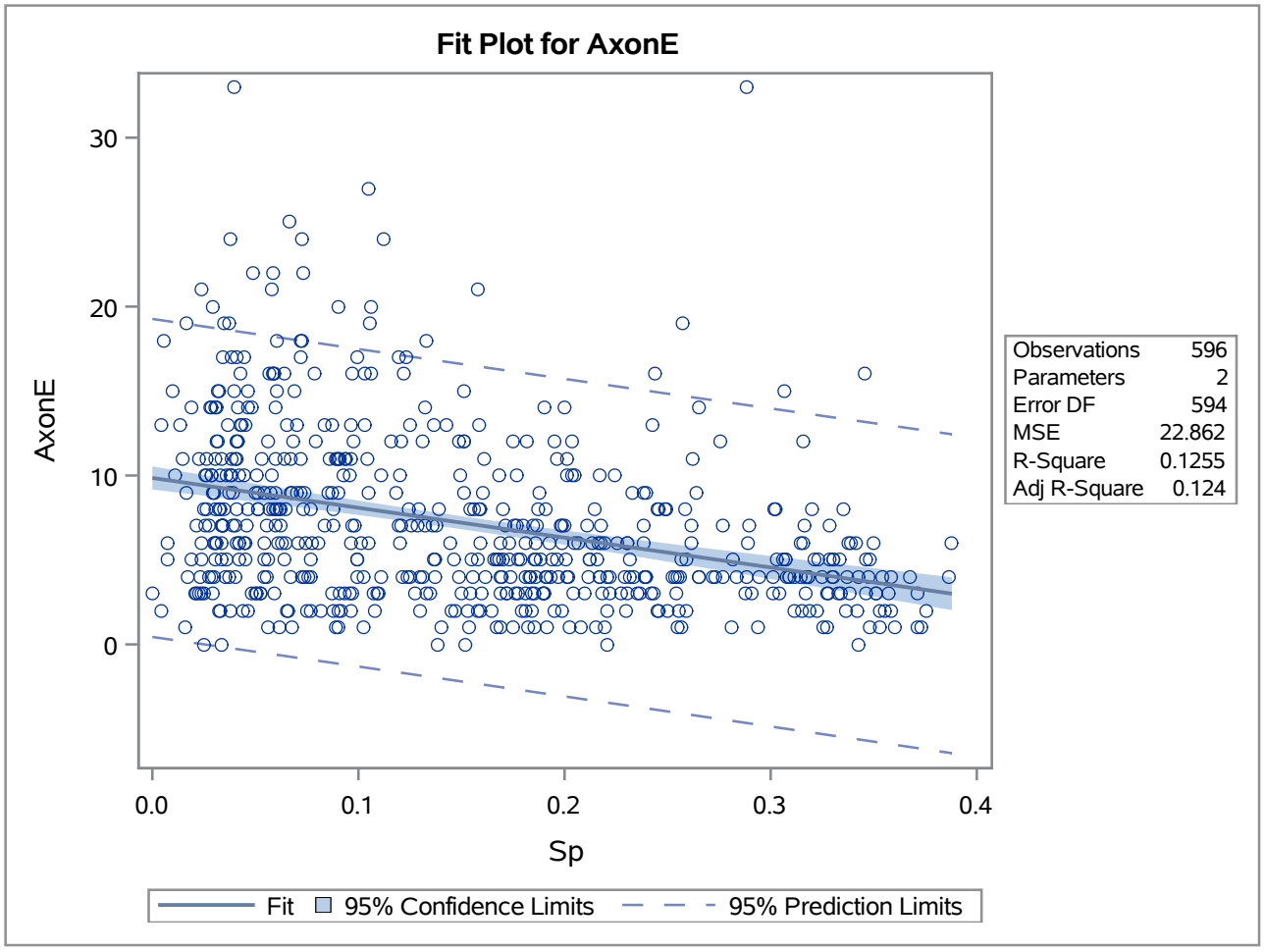
Sp vs. Total Excitatory Axonal Contacts in All Neurons

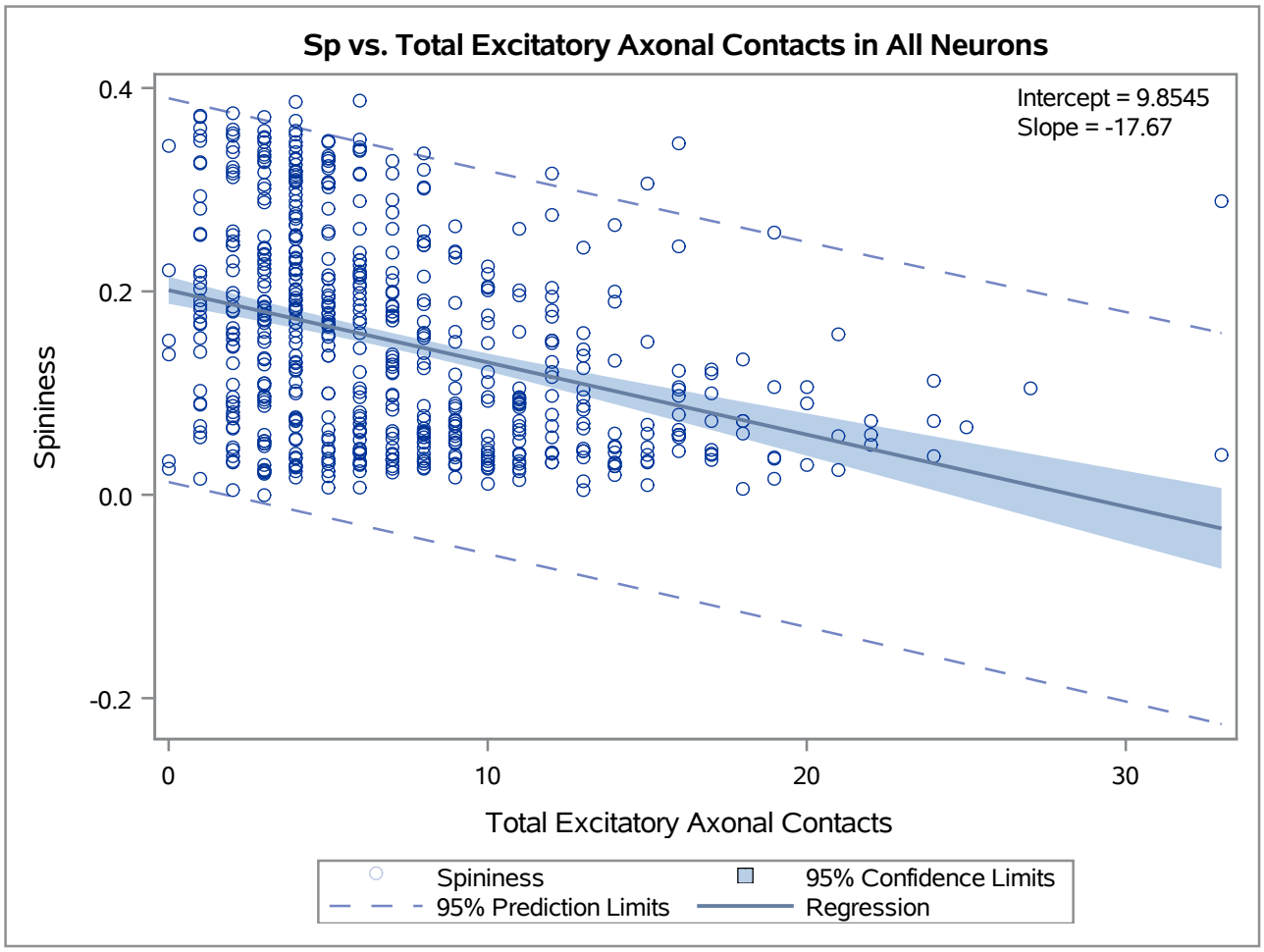
The REG Procedure
Model: MODEL1
Dependent Variable: AxonE



Sp vs. Total Excitatory Axonal Contacts in All Neurons

The REG Procedure
Model: MODEL1
Dependent Variable: AxonE




Sp vs. Total Excitatory Axonal Contacts in All Neurons
Intercept = 9.8545
Slope = -17.67
Spininess
0.4
0.2
0.0
-0.2
0
10
20
30
Total Excitatory Axonal Contacts
Spininess
95% Confidence Limits
95% Prediction Limits
Regression