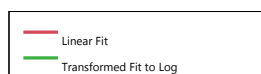
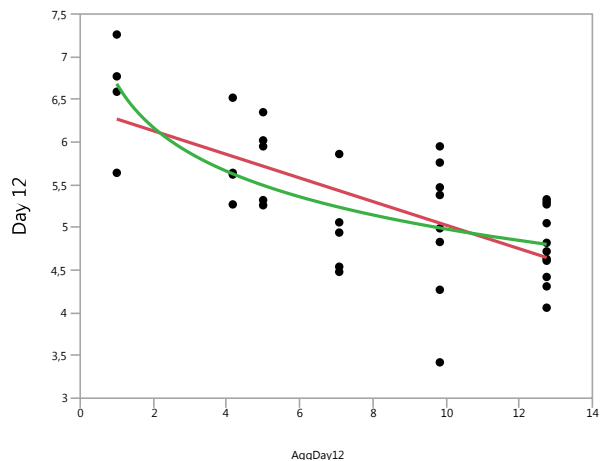


Bivariate Fit of Day 12 By AggDay12 (*Eulimnadia texana*)



Linear Fit

$$\text{Day 12} = 6,4083164 - 0,1381062 * \text{AggDay12}$$

Summary of Fit

RSquare	0,465321
RSquare Adj	0,450045
Root Mean Square Error	0,601847
Mean of Response	5,288649
Observations (or Sum Wgts)	37

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	11,033154	11,0332	30,4599
Error	35	12,677678	0,3622	Prob > F
C. Total	36	23,710832		<,0001*

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	6,4083164	0,225715	28,39	<,0001*
AggDay12	-0,138106	0,025024	-5,52	<,0001*

Transformed Fit to Log

$$\text{Day 12} = 6,683066 - 0,738848 * \text{Log}(\text{AggDay12})$$

Summary of Fit

RSquare	0,495833
RSquare Adj	0,481428
Root Mean Square Error	0,584422
Mean of Response	5,288649
Observations (or Sum Wgts)	37

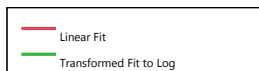
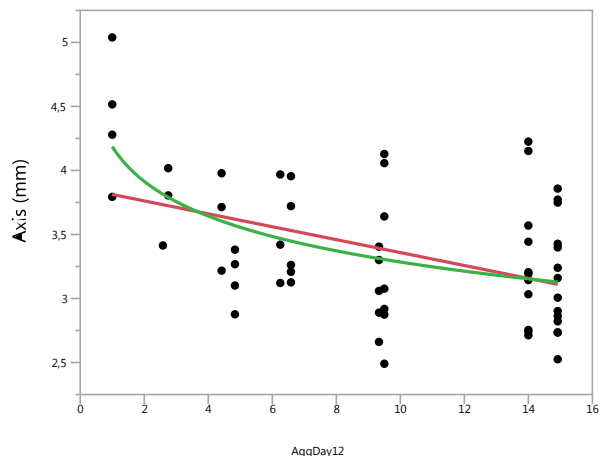
Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	11,756601	11,7566	34,4214
Error	35	11,954231	0,3415	Prob > F
C. Total	36	23,710832		<,0001*

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	6,683066	0,256358	26,07	<,0001*
Log(AggDay12)	-0,738848	0,125933	-5,87	<,0001*

Bivariate Fit of Axis (mm) By AggDay12 (*Eocyzicus argillaquus*)



Linear Fit

$$\text{Axis (mm)} = 3,8631319 - 0,0504515 * \text{AggDay12}$$

Summary of Fit

RSquare	0,198303
RSquare Adj	0,184238
Root Mean Square Error	0,484096
Mean of Response	3,373723
Observations (or Sum Wgts)	59

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	3,304127	3,30413	14,0992
Error	57	13,357877	0,23435	Prob > F
C. Total	58	16,662004		0,0004*

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	3,8631319	0,144777	26,68	<,0001*

Term	Estimate	Std Error	t Ratio	Prob> t
AggDay12	-0,050452	0,013436	-3,75	0,0004*

Transformed Fit to Log

Axis (mm) = 4,1861565 - 0,3914785*Log(AggDay12)

Summary of Fit

RSquare	0,298983
RSquare Adj	0,286684
Root Mean Square Error	0,452679
Mean of Response	3,373723
Observations (or Sum Wgts)	59

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	1	4,981656	4,98166	24,3104
Error	57	11,680348	0,20492	Prob > F
C. Total	58	16,662004		<,0001*

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	4,1861565	0,174997	23,92	<,0001*
Log(AggDay12)	-0,391478	0,079398	-4,93	<,0001*