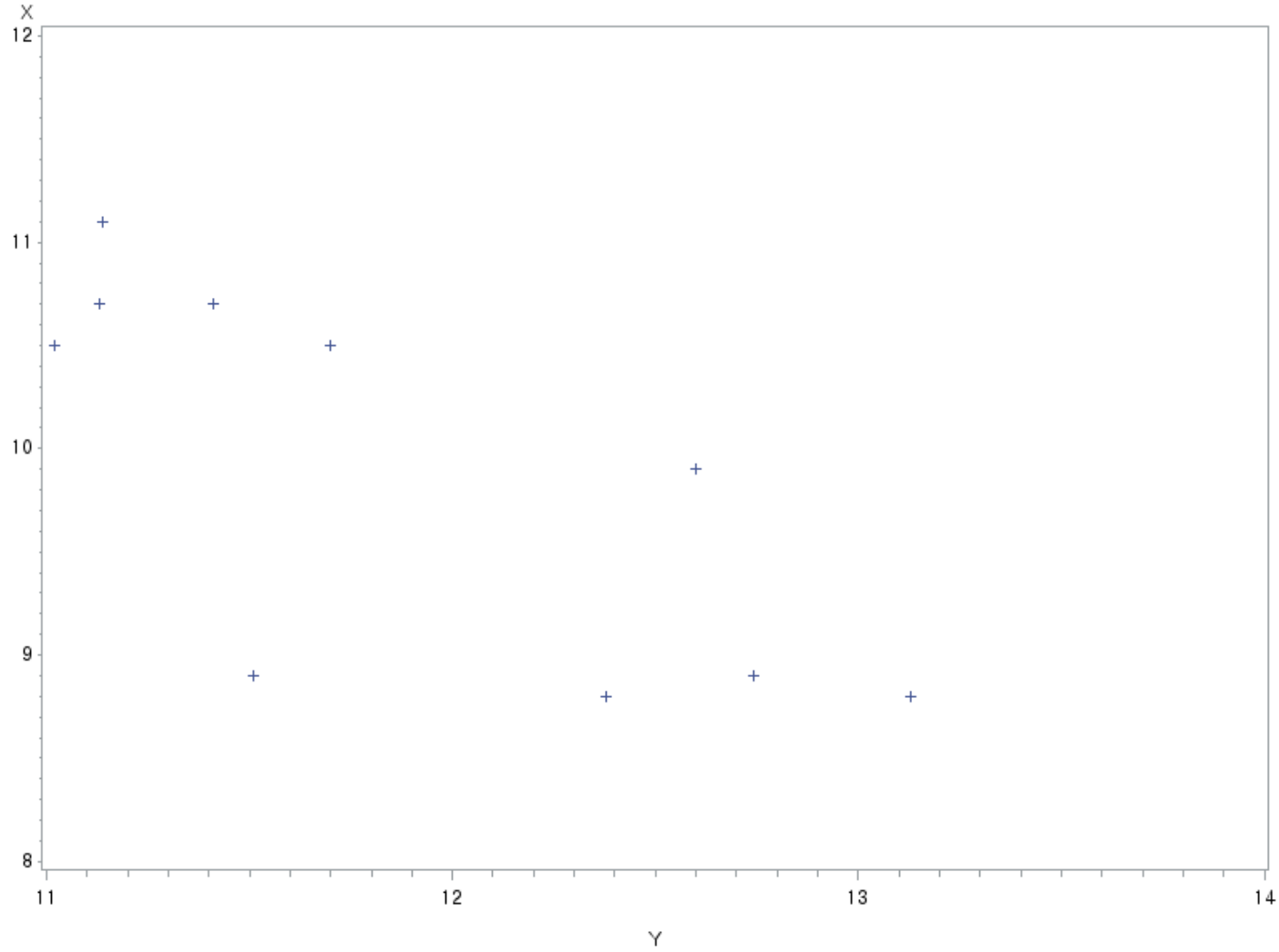


The REG Procedure
Model: MODEL1
Dependent Variable: Y

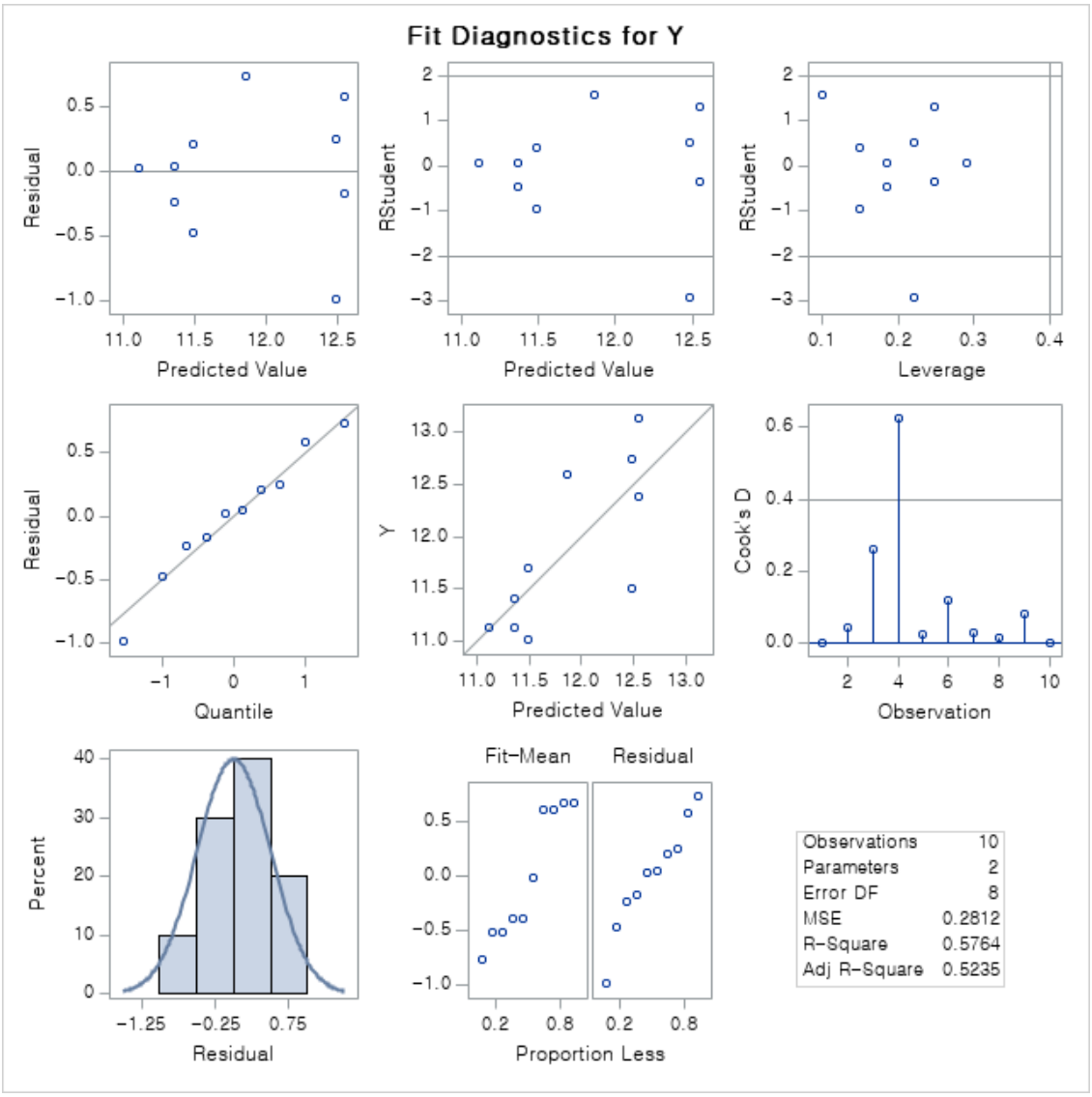
Number of Observations Read	10
Number of Observations Used	10

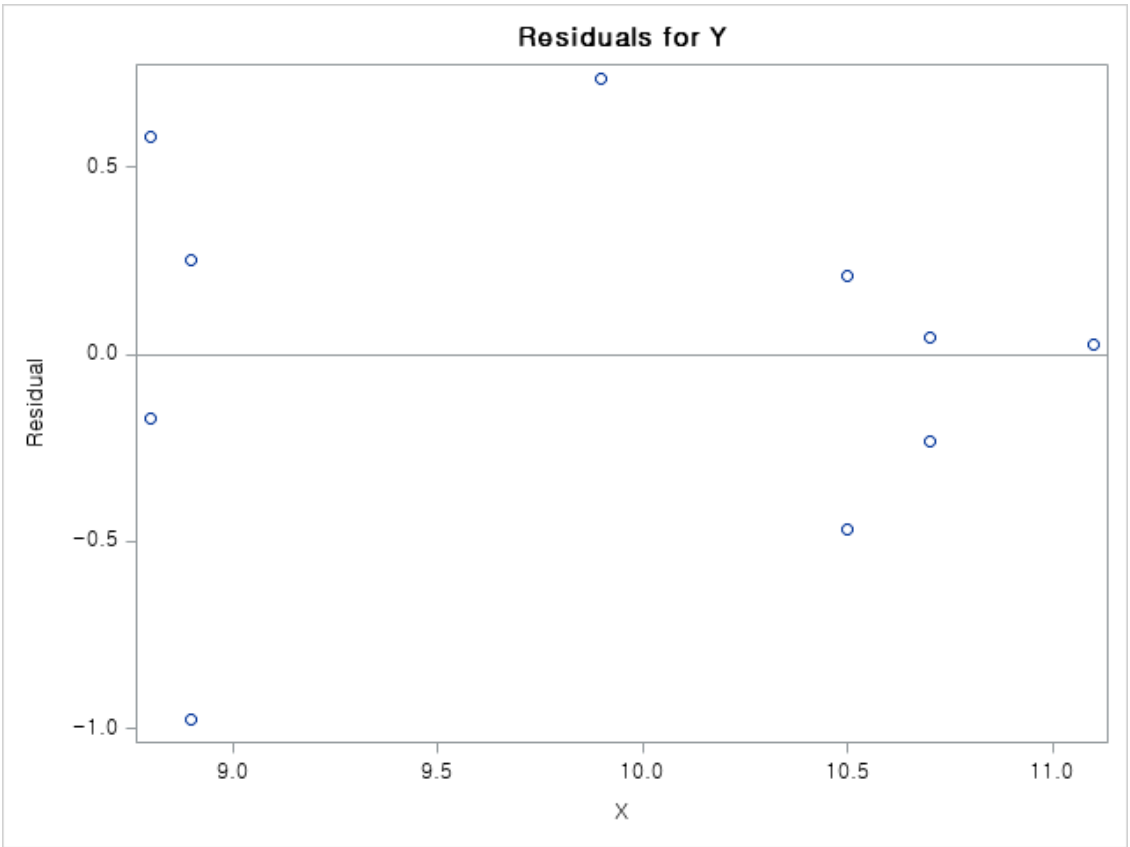
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	3.06100	3.06100	10.89	0.0109
Error	8	2.24924	0.28115		
Corrected Total	9	5.31024			

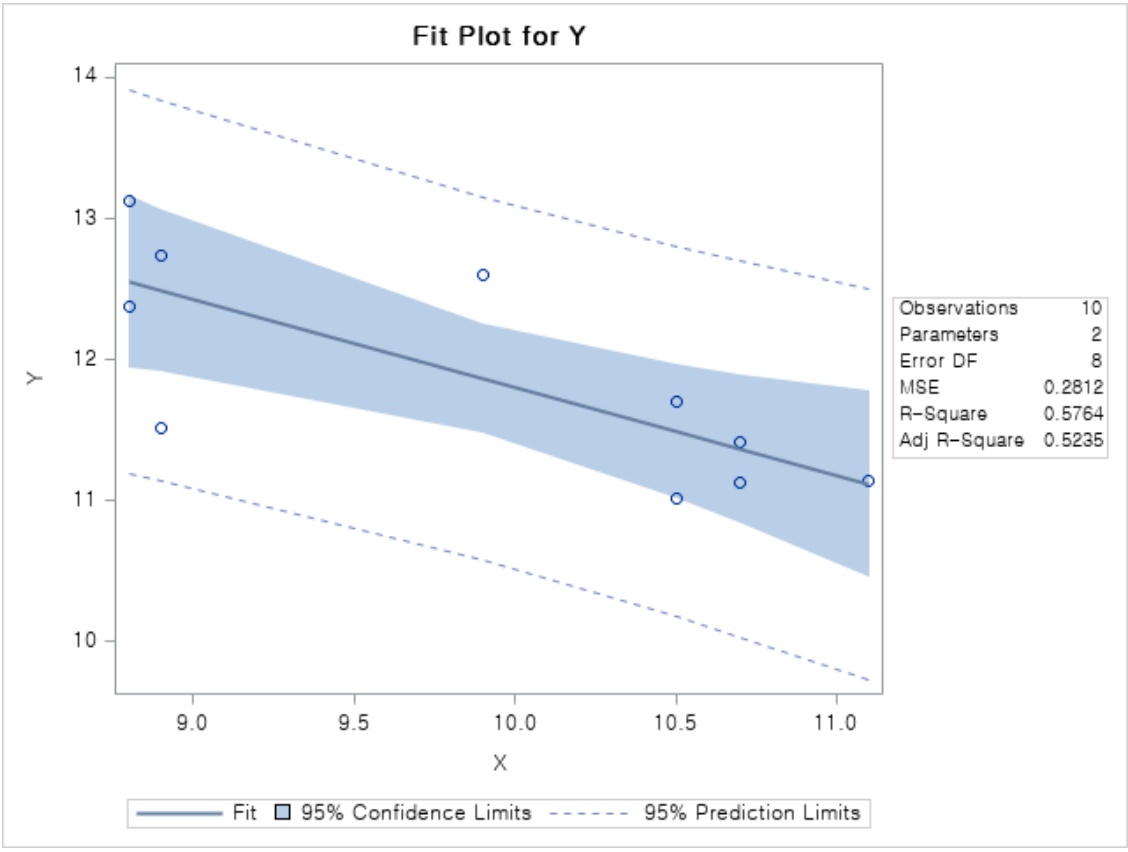
Root MSE	0.53024	R-Square	0.5764
Dependent Mean	11.87600	Adj R-Sq	0.5235
Coeff Var	4.46480		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	18.04320	1.87659	9.61	<.0001
X	1	-0.62421	0.18918	-3.30	0.0109

The REG Procedure
Model: MODEL1
Dependent Variable: Y


Fit Diagnostics for Y
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
Y
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 10
Parameters 2
Error DF 8
MSE 0.2812
R-Square 0.5764
Adj R-Square 0.5235


Residuals for Y
Residual
X



The REG Procedure
Model: MODEL1
Dependent Variable: Y

Number of Observations Read	17
Number of Observations Used	17

Analysis of Variance

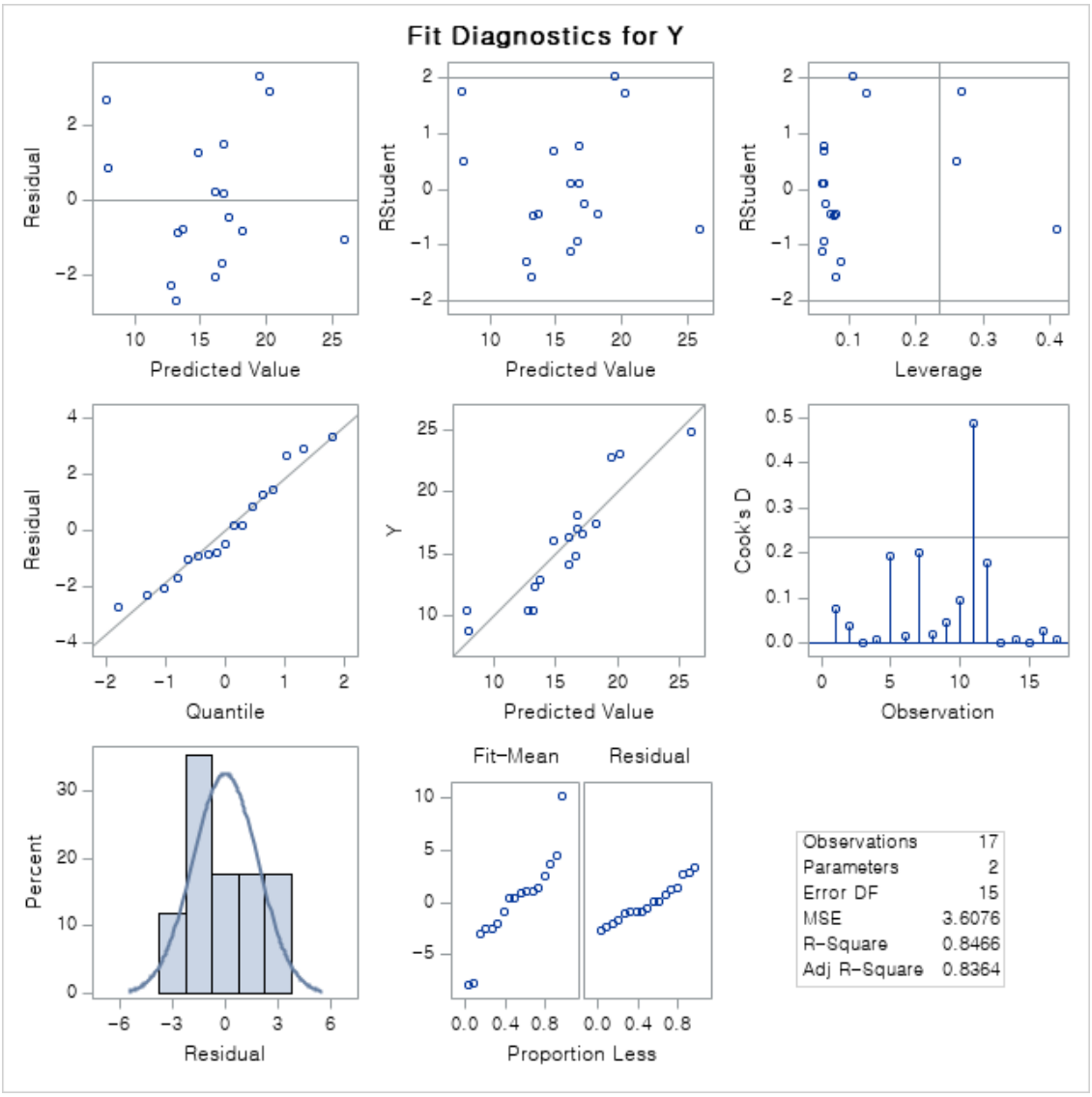
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	298.70435	298.70435	82.80	<.0001
Error	15	54.11330	3.60755		
Corrected Total	16	352.81765			

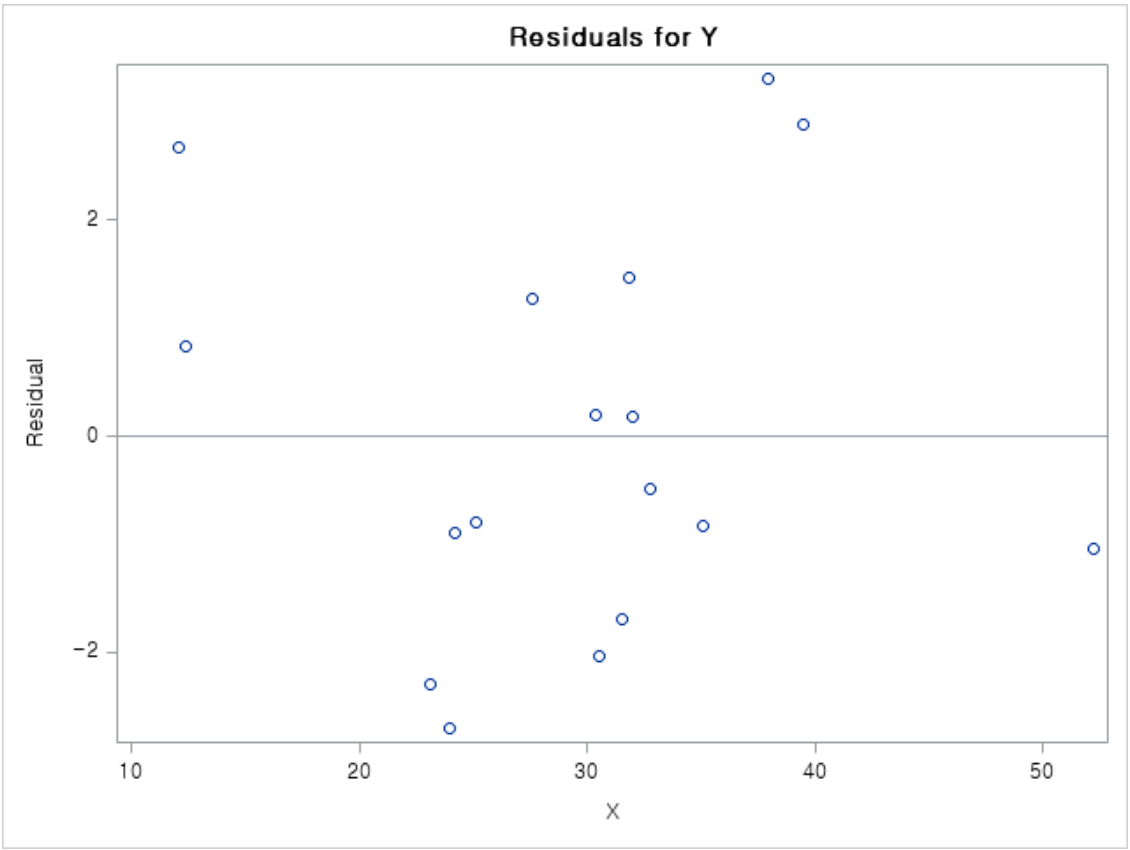
Root MSE	1.89936	R-Square	0.8466
Dependent Mean	15.71176	Adj R-Sq	0.8364
Coeff Var	12.08875		

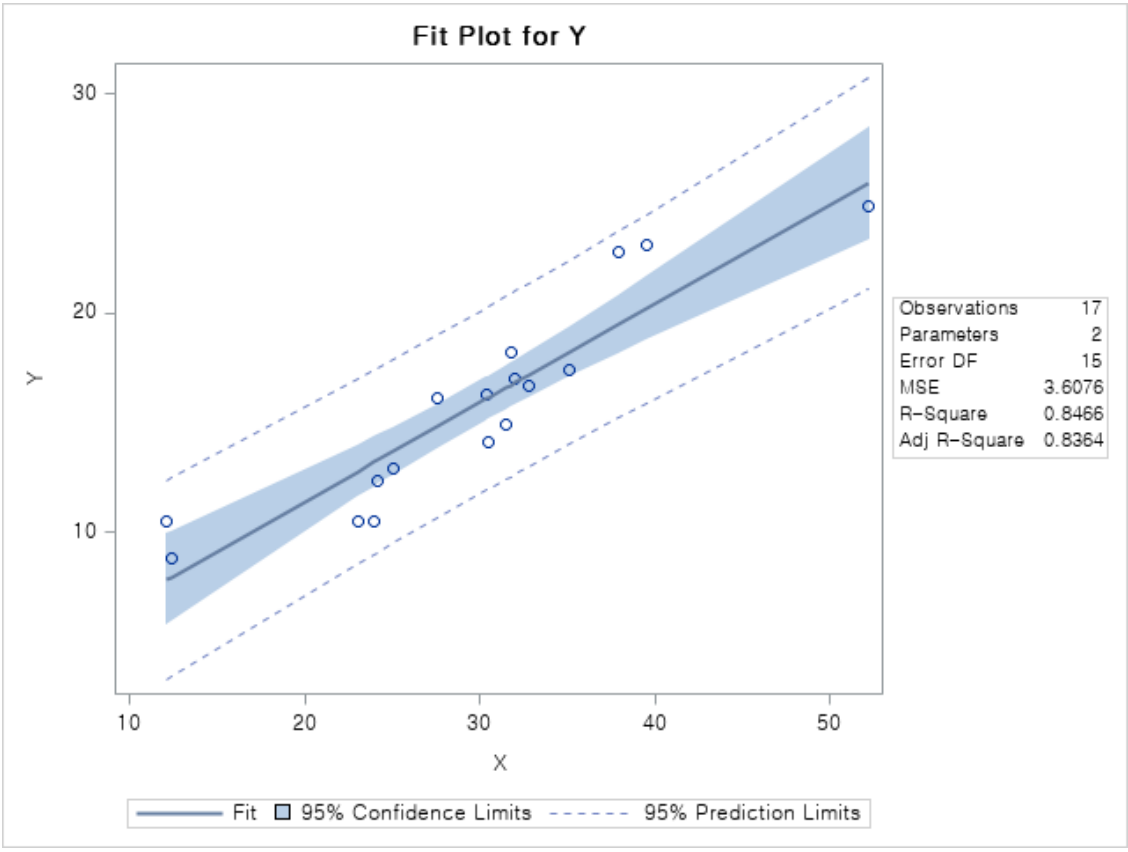
Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	2.36282	1.53764	1.54	0.1452
X	1	0.45188	0.04966	9.10	<.0001

The REG Procedure
Model: MODEL1
Dependent Variable: Y


Fit Diagnostics for Y
Residual
Predicted Value
RStudent
Predicted Value
RStudent
Leverage
Residual
Quantile
Y
Predicted Value
Cook's D
Observation
Percent
Residual
Fit–Mean
Residual
Proportion Less
Observations 17
Parameters 2
Error DF 15
MSE 3.6076
R-Square 0.8466
Adj R-Square 0.8364


Residuals for Y
Residual
X



CORR 프로시저

2 개의 변수:	Y X

피어슨 상관 계수, N = 17 H0: Rho=0 가정하에서 Prob > |r|		
	Y	X
Y	1.00000	0.92012 <.0001
X	0.92012 <.0001	1.00000

The ANOVA Procedure

Class Level Information		
Class	Levels	Values
enzyme	4	0 1000 5000 10000

Number of Observations Read	16
Number of Observations Used	16

The ANOVA Procedure

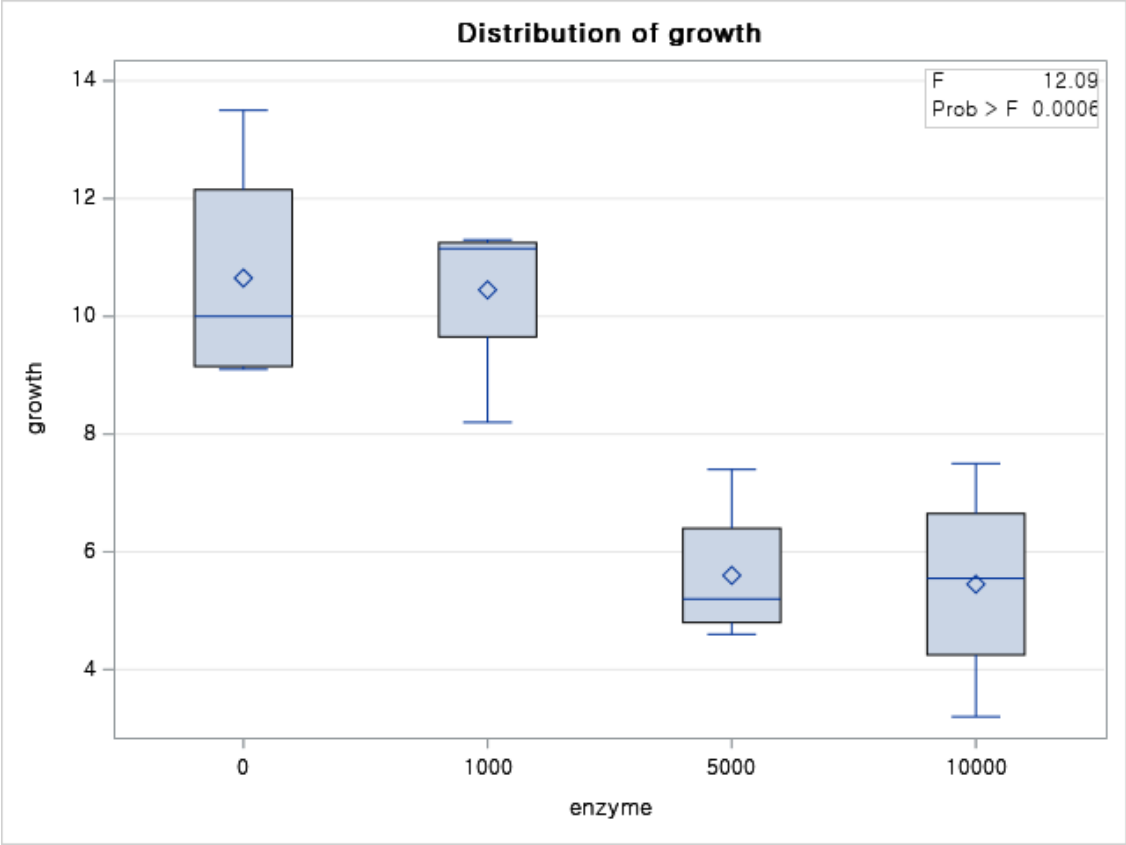
Dependent Variable: growth

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	101.1275000	33.7091667	12.09	0.0006
Error	12	33.4700000	2.7891667		
Corrected Total	15	134.5975000			

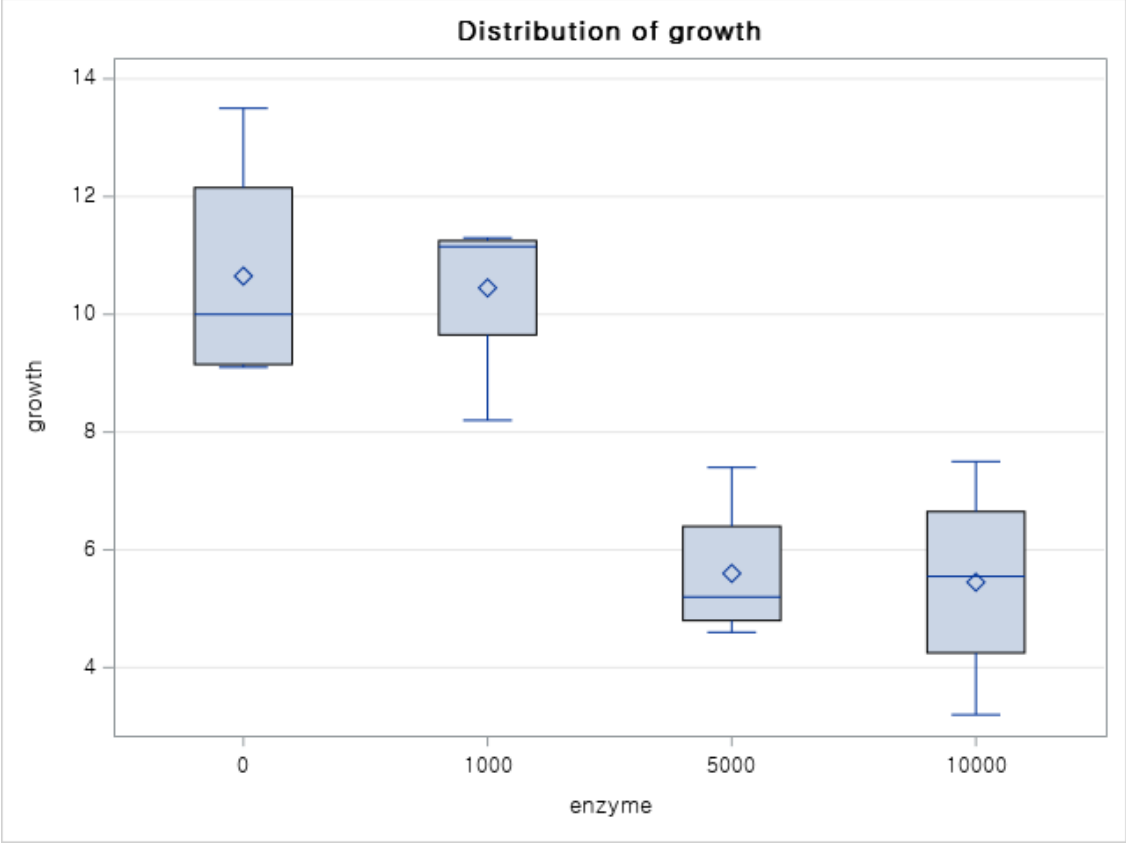
R-Square	Coeff Var	Root MSE	growth Mean
0.751333	20.77860	1.670080	8.037500

Source	DF	Anova SS	Mean Square	F Value	Pr > F

Source	DF	Anova SS	Mean Square	F Value	Pr > F
enzyme	3	101.1275000	33.7091667	12.09	0.0006



The ANOVA Procedure



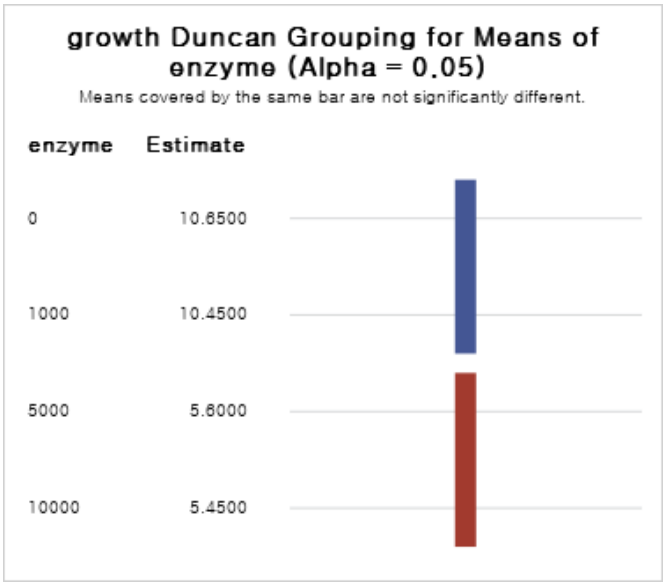
The ANOVA Procedure

Duncan's Multiple Range Test for growth

Note: This test controls the Type I comparisonwise error rate, not the experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	12
Error Mean Square	2.789167

Number of Means	2	3	4
Critical Range	2.573	2.693	2.766



The ANOVA Procedure

Tukey's Studentized Range (HSD) Test for growth

Note: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha	0.05
Error Degrees of Freedom	12
Error Mean Square	2.789167
Critical Value of Studentized Range	4.19851
Minimum Significant Difference	3.5059