

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	X4 , X2 , X1, LNX3 ^b	.	Enter

a. Dependent Variable: Y

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.453 ^a	.205	.160	.8772617

a. Predictors: (Constant), X4 , X2 , X1, LNX3

b. Dependent Variable: Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	14.097	4	3.524	4.580	.002 ^b
	Residual	54.641	71	.770		
	Total	68.738	75			

a. Dependent Variable: Y

b. Predictors: (Constant), X4 , X2 , X1, LNX3

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	11.867	2.446		4.851	.000
	X1	.037	.022	.194	1.673	.099
	X2	-.108	.069	-.166	-1.561	.123
	LNX3	-.696	.172	-.469	-4.033	.000
	X4	.070	.113	.067	.621	.536

a. Dependent Variable: Y

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	1.686514	3.774299	2.527651	.4335506	76
Residual	-2.1147077	1.7171881	.0000000	.8535475	76
Std. Predicted Value	-1.940	2.875	.000	1.000	76
Std. Residual	-2.411	1.957	.000	.973	76

a. Dependent Variable: Y

Charts

