

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
Y	8,2667	1,74066	30
X1	7,0333	1,51960	30
X2	7,1000	1,58332	30
X3	7,1000	1,82606	30

Correlations

		Y	X1	X2	X3
Pearson Correlation	Y	1,000	,583	,678	,360
	X1	,583	1,000	,858	,744
	X2	,678	,858	1,000	,724
	X3	,360	,744	,724	1,000
Sig. (1-tailed)	Y	.	,000	,000	,025
	X1	,000	.	,000	,000
	X2	,000	,000	.	,000
	X3	,025	,000	,000	.
N	Y	30	30	30	30
	X1	30	30	30	30
	X2	30	30	30	30
	X3	30	30	30	30

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	X3, X2, X1 ^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	Change Statistics					Durbin-Watson
					R Square Change	F Change	df1	df2	Sig. F Change	
1	,708 ^a	,501	,443	1,29856	,501	8,702	3	26	,000	1,449

a. Predictors: (Constant), X3, X2, X1

b. Dependent Variable: Y

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	44,024	3	14,675	8,702	,000 ^b
	Residual	43,843	26	1,686		
	Total	87,867	29			

a. Dependent Variable: Y

b. Predictors: (Constant), X3, X2, X1

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95,0% Confidence Interval for B		Correlations			Collinearity Statistics		
	B	Std. Error	Beta			Lower Bound	Upper Bound	Zero-order	Partial	Part	Tolerance	VIF	
1	(Constant)	3,120	1,171		2,665	,013	,714	5,526					
	X1	,172	,330	,150	,522	,606	-,506	,850	,583	,102	,072	,231	4,324
	X2	,853	,307	,776	2,784	,010	,223	1,483	,678	,479	,386	,247	4,051
	X3	-,299	,204	-,314	-1,464	,155	-,718	,121	,360	-,276	-,203	,419	2,389

a. Dependent Variable: Y

Coefficient Correlations^a

Model		X3	X2	X1	
1		X3	1,000	-,248	-,347
	Correlations	X2	-,248	1,000	-,694
		X1	-,347	-,694	1,000
		X3	,042	-,016	-,023
	Covariances	X2	-,016	,094	-,070
		X1	-,023	-,070	,109

a. Dependent Variable: Y

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions			
				(Constant)	X1	X2	X3
1	1	3,945	1,000	,00	,00	,00	,00
	2	,033	10,966	,89	,01	,01	,17
	3	,016	15,595	,10	,10	,19	,82
	4	,006	25,139	,01	,89	,80	,01

a. Dependent Variable: Y

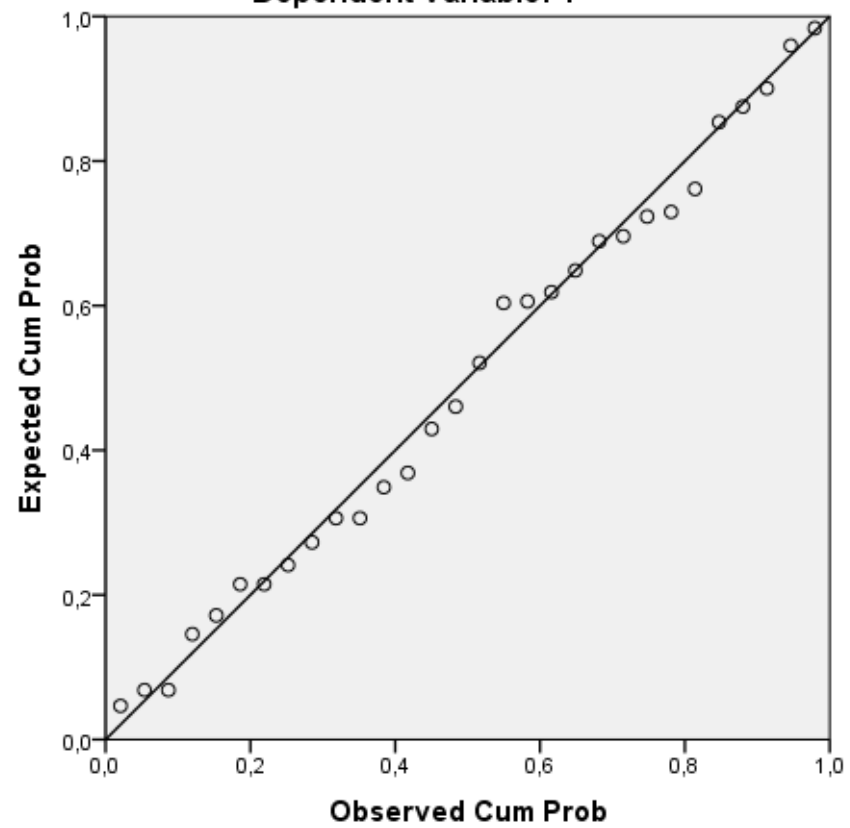
Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	5,1293	9,9121	8,2667	1,23210	30
Std. Predicted Value	-2,546	1,335	,000	1,000	30
Standard Error of Predicted Value	,238	,786	,449	,154	30
Adjusted Predicted Value	5,2041	10,2056	8,2426	1,26436	30
Residual	-2,18009	2,77459	,00000	1,22956	30
Std. Residual	-1,679	2,137	,000	,947	30
Stud. Residual	-1,741	2,490	,008	1,041	30
Deleted Residual	-2,34533	3,76824	,02402	1,49937	30
Stud. Deleted Residual	-1,817	2,798	,019	1,088	30
Mahal. Distance	,009	9,659	2,900	2,742	30
Cook's Distance	,000	,564	,061	,142	30
Centered Leverage Value	,000	,333	,100	,095	30

a. Dependent Variable: Y

Normal P-P Plot of Regression Standardized Residual

Dependent Variable: Y



Scatterplot

Dependent Variable: Y

