

Regression

Notes

Output Created		02-MAR-2016 09:35:13
Comments		
Input	Data	D:\Google Drive\ELEX_2016\CD\Bab 4\4.3.2.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	25
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.
Syntax		<pre> REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS CI(95) R ANOVA COLLIN TOL ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT y_daya /METHOD=ENTER x1_panjang x2_diameter /RESIDUALS DURBIN /CASEWISE PLOT(ZRESID) OUTLIERS(3). </pre>
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02
	Memory Required	2912 bytes
	Additional Memory Required for Residual Plots	0 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
y_daya	29.0328	15.95037	25
x1_panjang	8.24	5.395	25
x2_diameter	331.76	180.304	25

Correlations

		y_daya	x1_panjang	x2_diameter
Pearson Correlation	y_daya	1.000	.982	.493
	x1_panjang	.982	1.000	.378
	x2_diameter	.493	.378	1.000
Sig. (1-tailed)	y_daya	.	.000	.006
	x1_panjang	.000	.	.031
	x2_diameter	.006	.031	.
N	y_daya	25	25	25
	x1_panjang	25	25	25
	x2_diameter	25	25	25

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	x2_diameter, x1_panjang ^b	.	Enter

a. Dependent Variable: y_daya

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.991 ^a	.981	.979	2.28805	2.097

a. Predictors: (Constant), x2_diameter, x1_panjang

b. Dependent Variable: y_daya

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5990.771	2	2995.386	572.167	.000 ^b
	Residual	115.173	22	5.235		
	Total	6105.945	24			

a. Dependent Variable: y_daya

b. Predictors: (Constant), x2_diameter, x1_panjang

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)	2.264	1.060		2.136	.044	.065	4.462					
	x1_panjang	2.744	.094	.928	29.343	.000	2.550	2.938	.982	.987	.859	.857	1.167
	x2_diameter	.013	.003	.142	4.477	.000	.007	.018	.493	.690	.131	.857	1.167

a. Dependent Variable: y_daya

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions		
				(Constant)	x1_panjang	x2_diameter
1	1	2.709	1.000	.02	.03	.02
	2	.174	3.950	.16	.97	.20
	3	.117	4.806	.82	.00	.78

a. Dependent Variable: y_daya

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	8.3787	64.6659	29.0328	15.79922	25
Residual	-3.86500	5.84093	.00000	2.19064	25
Std. Predicted Value	-1.307	2.255	.000	1.000	25
Std. Residual	-1.689	2.553	.000	.957	25

a. Dependent Variable: y_daya