

Regression

Notes

Output Created		28-FEB-2016 06:09:20
Comments		
Input	Data	D:\Google Drive\ELEX_2016\CD\Bab 4\4.2.2.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	20
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_Oksigen /METHOD=ENTER x_Hidrokarbon /RESIDUALS DURBIN ID(No_Obs) /CASEWISE PLOT(ZRESID) OUTLIERS(3). </pre>
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.03
	Memory Required	2448 bytes
	Additional Memory Required for Residual Plots	0 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
y_Oksigen	92.1605	3.02078	20
x_Hidrokarbon	1.1960	.18930	20

Correlations

		y_Oksigen	x_Hidrokarbon
Pearson Correlation	y_Oksigen	1.000	.937
	x_Hidrokarbon	.937	1.000
Sig. (1-tailed)	y_Oksigen	.	.000
	x_Hidrokarbon	.000	.
N	y_Oksigen	20	20
	x_Hidrokarbon	20	20

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	x_Hidrokarbon ^b	.	Enter

a. Dependent Variable: y_Oksigen

b. All requested variables entered.

Model Summary^b

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.937 ^a	.877	.871	1.08653	2.065

a. Predictors: (Constant), x_Hidrokarbon

b. Dependent Variable: y_Oksigen

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	152.127	1	152.127	128.862	.000 ^b
	Residual	21.250	18	1.181		
	Total	173.377	19			

a. Dependent Variable: y_Oksigen

b. Predictors: (Constant), x_Hidrokarbon

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)	74.283	1.593	46.617	.000	70.936	77.631						
	x_Hidrokarbon	14.947	1.317	11.352	.000	12.181	17.714	.937	.937	.937	1.000	1.000	

a. Dependent Variable: y_Oksigen

Collinearity Diagnostics^a

Model	Dimension	Eigenvalue	Condition Index	Variance Proportions	
				(Constant)	x_Hidrokarbon
1	1	1.988	1.000	.01	.01
	2	.012	13.041	.99	.99

a. Dependent Variable: y_Oksigen

Residuals Statistics^a

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	87.2876	97.4519	92.1605	2.82961	20
Residual	-1.83029	1.96809	.00000	1.05755	20
Std. Predicted Value	-1.722	1.870	.000	1.000	20
Std. Residual	-1.685	1.811	.000	.973	20

a. Dependent Variable: y_Oksigen