Regression

Notes

Output Created		07-OCT-2017 13:57:56
Comments		
Input	Data	C:\Users\rhbru\Desktop\Stats on SPSS\HomePrice_X_Size.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		REGRESSION /DESCRIPTIVES MEAN STDDEV CORR SIG N /MISSING LISTWISE /STATISTICS COEFF OUTS BCOV R ANOVA ZPP /CRITERIA=PIN(.05) POUT(.10) /NOORIGIN /DEPENDENT Price /METHOD=ENTER Size.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.02
	Memory Required	2400 bytes
	Additional Memory Required for Residual Plots	0 bytes

Descriptive Statistics

	Mean	Std. Deviation	N
Price ($000)	296.36	144.704	25
Square Footage	1647.04	609.660	25

Correlations

		Price ($000)	Square Footage
Pearson Correlation	Price ($000)	1.000	.844
	Square Footage	.844	1.000
Sig. (1-tailed)	Price ($000)	.	.000
	Square Footage	.000	.
N	Price ($000)	25	25
	Square Footage	25	25

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	Square Footage[b]	.	Enter

a. Dependent Variable: Price ($000)

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.844[a]	.712	.700	79.285

a. Predictors: (Constant), Square Footage

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	357958.248	1	357958.248	56.944	.000[b]
	Residual	144581.513	23	6286.153		
	Total	502539.760	24			

a. Dependent Variable: Price ($000)

b. Predictors: (Constant), Square Footage

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-33.574	46.509		-.722	.478
	Square Footage	.200	.027	.844	7.546	.000

Coefficients[a]

Model		Correlations		
		Zero-order	Partial	Part
1	(Constant)			
	Square Footage	.844	.844	.844

a. Dependent Variable: Price ($000)

Coefficient Correlations[a]

Model			Square Footage
1	Correlations	Square Footage	1.000
	Covariances	Square Footage	.001

a. Dependent Variable: Price ($000)