

Case number 2 solved enjoy

Solved at SPSS VER 21

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Correlation Coefficient, r

$$r = \frac{n \sum xy - (\sum x)(\sum y)}{\sqrt{n(\sum x^2) - (\sum x)^2} \sqrt{n(\sum y^2) - (\sum y)^2}}$$
$$= 0.9168$$

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.917 ^a	.841	.821	2.92333

a. Predictors: (Constant), x

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	360.533	1	360.533	42.188	.000 ^b
	Residual	68.367	8	8.546		
	Total	428.900	9			

a. Dependent Variable: y

b. Predictors: (Constant), x

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-40.833	17.104		-2.387	.044
	x	3.467	.534	.917	6.495	.000

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a. Dependent Variable: y