

**TABLE 16.6****SPSS Output Table for the Analysis of Regression in Example 16.3**Correlation  
coefficientCoefficient of  
Determination**Model Summary**

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.909 <sup>a</sup>	.827	.798	.669

a. Predictors: (Constant), X

The likelihood that the regression equation cannot predict variance in symptoms is  $p = .002$ .

Test statistic

**ANOVA<sup>a</sup>**

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	12.816	1	12.816	28.656	.002 <sup>b</sup>
	Residual	2.684	6	.447		
	Total	15.500	7			

a. Dependent Variable: Y

b. Predictors: (Constant), X