

[Click the "Back" button on your browser to return to the "Handouts" page]

Variables Entered/Removed

Model	Variables Entered	Variables Removed	Method
1	hours studied in an average day	.	Enter

- a All requested variables entered.
- b Dependent Variable: gpa

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.155	.024	.022	.45734

- a Predictors: (Constant), hours studied in an average day

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2.829	1	2.829	13.527	.000
	Residual	114.410	547	.209		
	Total	117.240	548			

- a Predictors: (Constant), hours studied in an average day
- b Dependent Variable: gpa

Coefficients

Model		Unstandardized Coefficients		Standardized Coefficients		t	Sig.
		B	Std. Error	Beta			
1	(Constant)	3.057	.029		106.319	.000	
	hours studied in an average day	2.802E-02	.008	.155	3.678	.000	

- a Dependent Variable: gpa

Preface your write-up by identifying the sample, its size, and the variables under study. Then continue with sentences in the following format:

- 1) The regression of hours studied on gpa indicates a weak, positive relationship ($r = .155$).
- 2) Hours studied explains about 2.4% of the variation in gpa ($r^2 = .024$).
- 3) The overall model is significant at the .05 alpha level ($.000 < .05$).
- 4) The slope is significant at the .05 alpha level ($.000 < .05$).
- 5) The equation is $y = a + b x$; so $y = 3.057 + (.02802) x$

Find y if x = 10.