

Model Summary

Model	R	R Square	Adjusted <i>r</i> Square	Std. Error of the Estimate
1	.648 ^a	.419	.274	2.49341

a. Predictors: (Constant), HandLength

R: the correlation coefficient (*r*)

R Square: the correlation coefficient (*r*) squared; the proportion of variability in the criterion (DV) explained by the predictor (IV)

ANOVA^b

Model		Sum of Squares	<i>df</i>	Mean Square	F	Sig.
1	Regression	17.965	1	17.965	2.890	.164 ^a
	Residual	24.868	4	6.217		
	Total	42.833	5			

a. Predictors: (Constant), HandLength

b. Dependent Variable: Height

Sig: the *p* value

If $p \leq \alpha$, conclude that the predictor (IV) explains a significant proportion of the variability in the criterion (DV)

If $p > \alpha$, conclude that the predictor (IV) does not explain a significant proportion of the variability in the criterion (DV)

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	<i>t</i>	Sig.
		B	Std. Error	Beta		
1	(Constant)	48.307	10.946		4.413	.012
	HandLength	2.807	1.651	.648	1.700	.164

a. Dependent Variable: Height

(Constant):
a in the regression equation; the *y* intercept

(HandLength):
b in the regression equation; the slope of the line

Beta: the correlation coefficient (*r*)