

Regression

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	gender, age ^b	.	Enter

a. Dependent Variable: fat

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	,864 ^a	,746	,712	4,90495

a. Predictors: (Constant), gender, age

ANOVA^a

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	1060,660	2	530,330	22,043	,000 ^b
	Residual	360,877	15	24,058		
	Total	1421,538	17			

a. Dependent Variable: fat

b. Predictors: (Constant), gender, age

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	5,279	4,397		1,201	,248
	age	,339	,120	,490	2,835	,013
	gender	9,791	3,697	,458	2,649	,018

Coefficients^a

Model		95,0% Confidence Interval for B	
		Lower Bound	Upper Bound
1	(Constant)	-4,092	14,651
	age	,084	,594
	gender	1,912	17,671

a. Dependent Variable: fat

Regression

Variables Entered/Removed^{a,b}

Model	Variables Entered	Variables Removed	Method
1	gender, age ^c	.	Enter

a. Dependent Variable: fat

b. Linear Regression through the Origin

c. All requested variables entered.

Model Summary

Model	R	R Square ^b	Adjusted R Square	Std. Error of the Estimate
1	,988 ^a	,976	,972	4,97222

a. Predictors: gender, age

b. For regression through the origin (the no-intercept model), R Square measures the proportion of the variability in the dependent variable about the origin explained by regression. This CANNOT be compared to R Square for models which include an intercept.

ANOVA^{a,b}

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	15760,692	2	7880,346	318,746	,000 ^c
	Residual	395,568	16	24,723		
	Total	16156,260 ^d	18			

a. Dependent Variable: fat

b. Linear Regression through the Origin

c. Predictors: gender, age

d. This total sum of squares is not corrected for the constant because the constant is zero for regression through the origin.

Coefficients^{a,b}

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95,0% Confidence ...
		B	Std. Error	Beta			Lower Bound
1	age	,458	,068	,736	6,776	,000	,315
	gender	9,007	3,688	,265	2,442	,027	1,188

Coefficients^{a,b}

Model		95,0% Confidence ...
		Upper Bound
1	age	,602
	gender	16,826

a. Dependent Variable: fat

b. Linear Regression through the Origin