Table 30-1 Linear Regression of Systolic Blood Pressure (SBP) on Body Mass Index (BMI)

```
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS CI(95) R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT SBP
  /METHOD=ENTER BMI.
```

Regression

Run using Regression > Linear

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	BMI[b]	.	Enter

a. Dependent Variable: SBP

b. All requested variables entered.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.868[a]	.753	.722	10.79634

a. Predictors: (Constant), BMI

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2845.512	1	2845.512	24.412	.001[b]
	Residual	932.488	8	116.561		
	Total	3778.000	9			

a. Dependent Variable: SBP

b. Predictors: (Constant), BMI

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			95% Confidence Interval for B	
		B	Std. Error	Beta	t	Sig.	Lower Bound	Upper Bound
1	(Constant)	-29.800	33.931		-.878	.405	-108.046	48.446
	BMI	6.812	1.379	.868	4.941	.001	3.633	9.992

a. Dependent Variable: SBP