

Suppression Darlington Food Intake Example

SYNTAX

```
get file='c:\jason\spsswin\da2\food.sav'.

correlations vars=wtloss food ex.

regression vars=wtloss food ex
  /descriptives=mean stdev
  /statistics=anova coeff ses r ci
  /dependent=wtloss
  /method=enter food /enter ex.
```

OUTPUT

Correlations

Correlations

		wtloss weight loss	food food intake	ex exercise
wtloss weight loss	Pearson Correlation	1	.047	.864
	Sig. (2-tailed)	.	.898	.001
	N	10	10	10
food food intake	Pearson Correlation	.047	1	.378
	Sig. (2-tailed)	.898	.	.282
	N	10	10	10
ex exercise	Pearson Correlation	.864	.378	1
	Sig. (2-tailed)	.001	.282	.
	N	10	10	10

Regression

Descriptive Statistics

	Mean	Std. Deviation	N
wtloss weight loss	7.50000	3.308239	10
food food intake	5.00000	2.160247	10
ex exercise	2.00000	1.632993	10

Variables Entered/Removed^d

Model	Variables Entered	Variables Removed	Method
1	food food intake ^a	.	Enter
2	ex exercise ^a	.	Enter

- a. All requested variables entered.
 b. Dependent Variable: wtloss weight loss

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.047 ^a	.002	-.123	3.505098
2	.915 ^b	.838	.791	1.511858

- a. Predictors: (Constant), food food intake
 b. Predictors: (Constant), food food intake, ex exercise

ANOVA^c

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.214	1	.214	.017	.898 ^a
	Residual	98.286	8	12.286		
	Total	98.500	9			
2	Regression	82.500	2	41.250	18.047	.002 ^b
	Residual	16.000	7	2.286		
	Total	98.500	9			

- a. Predictors: (Constant), food food intake
 b. Predictors: (Constant), food food intake, ex exercise
 c. Dependent Variable: wtloss weight loss

Coefficients^d

Model		Unstandardized Coefficients		Standardized Coefficients		t	Sig.	95% Confidence Interval for B	
		B	Std. Error	Beta	Std. Error			Lower Bound	Upper Bound
1	(Constant)	7.143	2.923			2.444	.040	.403	13.882
	food food intake	.071	.541	.047	.353	.132	.898	-1.176	1.319
2	(Constant)	6.000	1.275			4.706	.002	2.985	9.015
	food food intake	-.500	.252	-.326	.165	-1.984	.088	-1.096	.096
	ex exercise	2.000	.333	.987	.165	6.000	.001	1.212	2.788

- a. Dependent Variable: wtloss weight loss