

```

* Encoding: UTF-8.
DATASET ACTIVATE DataSet1.
REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT C4
  /METHOD=ENTER C1 C2 C3 B2 D4 D5 D7.

```

## Regression

### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	D7, total full time staff, C3, B2, project cost, project development time, RD professionals <sup>b</sup>	.	Enter

a. Dependent Variable: break-even time

b. All requested variables entered.

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.427 <sup>a</sup>	.182	.134	16.820

a. Predictors: (Constant), D7, total full time staff, C3, B2, project cost, project development time, RD professionals

### ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	7498.604	7	1071.229	3.786	.001 <sup>b</sup>
	Residual	33666.073	119	282.908		
	Total	41164.677	126			

a. Dependent Variable: break-even time

b. Predictors: (Constant), D7, total full time staff, C3, B2, project cost, project development time, RD professionals

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t
		B	Std. Error	Beta	
1	(Constant)	12.218	2.829		4.318
	project development time	.273	.110	.256	2.485
	project cost	-6.123E-7	.000	-.113	-1.170
	C3	.301	.158	.219	1.909
	B2	-2.237E-5	.000	-.131	-1.478
	total full time staff	-.045	.039	-.123	-1.149
	RD professionals	.063	.081	.084	.777
	D7	-.005	.005	-.078	-.928

### Coefficients<sup>a</sup>

Model		Sig.
1	(Constant)	.000
	project development time	.014
	project cost	.244
	C3	.059
	B2	.142
	total full time staff	.253
	RD professionals	.439
	D7	.355

a. Dependent Variable: break-even time

REGRESSION

```

/MISSING LISTWISE
/STATISTICS COEFF OUTS R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/ORIGIN
/DEPENDENT C4
/METHOD=ENTER C1 C2 C3 B2 D4 D5 D7.

```

## Regression

### Variables Entered/Removed<sup>a,b</sup>

Model	Variables Entered	Variables Removed	Method
1	D7, B2, project cost, RD professionals, project development time, total full time staff, C3 <sup>c</sup>	.	Enter

- a. Dependent Variable: break-even time
- b. Linear Regression through the Origin
- c. All requested variables entered.

### Model Summary

Model	R	R Square <sup>b</sup>	Adjusted R Square	Std. Error of the Estimate
1	.730 <sup>a</sup>	.532	.505	18.014

- a. Predictors: D7, B2, project cost, RD professionals, project development time, total full time staff, C3
- 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<sup>a,b</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	44312.192	7	6330.313	19.507	.000 <sup>c</sup>
	Residual	38941.808	120	324.515		
	Total	83254.000 <sup>d</sup>	127			

a. Dependent Variable: break-even time

b. Linear Regression through the Origin

c. Predictors: D7, B2, project cost, RD professionals, project development time, total full time staff, C3

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

### Coefficients<sup>a,b</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t
		B	Std. Error	Beta	
1	project development time	.622	.080	.682	7.772
	project cost	-5.455E-7	.000	-.073	-.973
	C3	.175	.166	.103	1.055
	B2	-1.792E-5	.000	-.077	-1.108
	total full time staff	.008	.040	.018	.206
	RD professionals	.043	.087	.042	.500
	D7	.001	.005	.018	.280

### Coefficients<sup>a,b</sup>

Model		Sig.
1	project development time	.000
	project cost	.332
	C3	.293
	B2	.270
	total full time staff	.837
	RD professionals	.618
	D7	.780

a. Dependent Variable: break-even time

b. Linear Regression through the Origin