

INTERPRETING THE INTERCEPT

```
GET
  FILE='U:\)Datalib\XNAT\ESS10\ess5_tst.sav'
  /keep=gndr agea pdwrk cntry.
DATASET NAME DataSet1 WINDOW=FRONT.

* freq all.

means pdwrk by gndr /stat=anova.

regr /dep=pdwrk /enter=gndr.

recode gndr (2=1)(1=0) into female.
regr /dep=pdwrk /enter=female.

recode gndr (2=1)(1=-1) into female2.
regr /dep=pdwrk /enter=female2.

recode gndr (2=200)(1=199) into female3.
regr /dep=pdwrk /enter=female3.
```

Note that all these thing denote the same thing, but study the intercepts and in particular the SE / t-value of the intercept.

Report

Doing last 7 days: paid work

Gender	Mean	N	Std. Deviation
Male	.57	9810	.495
Female	.48	10688	.500
Total	.52	20498	.499

ANOVA Table

			Sum of Squares	df	Mean Square	F	Sig.
Doing last 7 days: paid work * Gender	Between Groups	(Combined)	37.642	1	37.642	152.036	.000
	Within Groups		5074.466	20496	.248		
	Total		5112.108	20497			

Measures of Association

	Eta	Eta Squared
Doing last 7 days: paid work * Gender	.086	.007

REGRESSION

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.086	.007	.007	.498

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	37.642	1	37.642	152.036	.000
	Residual	5074.466	20496	.248		
	Total	5112.108	20497			

Coefficientsa

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.655	.011		58.802	.000
	Gender	-.086	.007	-.086	-12.330	.000

Coefficientsa

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.569	.005		113.326	.000
	female	-.086	.007	-.086	-12.330	.000

Coefficientsa

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	.526	.003		151.333	.000
	female2	-.043	.003	-.086	-12.330	.000

Coefficientsa

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	17.640	1.388		12.708	.000
	female3	-.086	.007	-.086	-12.330	.000

LOGISTIC REGRESSION

logistic pdwrk with female.

plum pdwrk by female /print=param.

plum pdwrk with female /print=param.

nomreg pdwrk by female /print=param.

nomreg pdwrk with female /print=param.

LOGISTIC

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	151.157	1	.000
	Block	151.157	1	.000
	Model	151.157	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	28215.516	.007	.010

Classification Tablea

Observed		Predicted			Percentage Correct
		Doing last 7 days: paid work		Percentage Correct	
		0 Not marked	1 Marked		
Step 1	Doing last 7 days: paid work	0 Not marked	5520	4225	56.6
		1 Marked	5168	5585	51.9
Overall Percentage					54.2

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 1a	female	-.345	.028	150.552	1	.000	.708
	Constant	.279	.020	187.323	1	.000	1.322

PLUM

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Threshold	[pdwrk = 0]	.066	.019	11.589	1	.001	.028	.104
Location	[female=0]	.345	.028	150.552	1	.000	.290	.400
	[female=1]	0	.	.	0	.	.	.

PLUM

Parameter Estimates

		Estimate	Std. Error	Wald	df	Sig.	95% Confidence Interval	
							Lower Bound	Upper Bound
Threshold	[pdwrk = 0]	-.279	.020	187.323	1	.000	-.319	-.239
Location	female	-.345	.028	150.552	1	.000	-.400	-.290

NOMREG

Parameter Estimates

pdwrk Doing last 7 days: paid worka

		B	Std. Error	Wald	df	Sig.	Exp(B)	
0 Not marked	Intercept		.066	.019	11.589	1	.001	
	[female=0]		-.345	.028	150.552	1	.000	.708
	[female=1]		0	.	.	0	.	

NOMREG

Parameter Estimates

pdwrk Doing last 7 days: paid worka

	B	Std. Error	Wald	df	Sig.	Exp(B)
0 Not marked Intercept	-.279	.020	187.323	1	.000	
female	.345	.028	150.552	1	.000	1.412
