

Figure 7-2 Chi-square Tests and Directional Measures Results (ordinal-level relationship)

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	7.449 ^a	4	.114
Likelihood Ratio	7.424	4	.115
Linear-by-Linear Association	5.435	1	.020
N of Valid Cases	1000		

This is the *P*-value for the test statistic.

This value is the Chi-square test statistic.

a. 0. Expected cell count is less than 5. The minimum

Directional Measures

			Value	Asymp. Std. Error
Ordinal by Ordinal	Somers' d	Symmetric	-.029	
		envjob_3 Envir or Jobs? Dependent	-.029	
		dem_educ3 Education Dependent	-.029	

Use the dependent variable in your hypothesis to pick the appropriate value of Somers's *d*.

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.