

## Crosstab tool instructions

This tool can be used to:

- Cross-tabulate categorical data.
- Generate effective summaries of complex tables with many variables.
- Prepare data for the chi-squared test or the likelihood ratio test.

Instructions:

### 1) Paste values into the textbox.

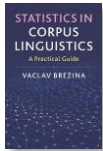
1. Copy paste your data in the box below. For help click [here](#).

```
ID  Genre  Outcome
1   Press  b_have_to
2   Press  a_must
3   Press  b_have_to
4   Press  b_have_to
5   Press  b_have_to
6   Press  c_need_to
7   Press  b_have_to
8   Press  c_need_to
9   Press  b_have_to
10  Press  a_must
11  Press  b_have_to
12  Press  a_must
13  Press  c_need_to
```

### 2) Click on 'Cross-tabulate'.

### 3) The output: A simple summary of a large dataset

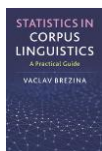
Outcome	a_must	b_have_to	c_need_to
Genre			
Acad	38	23	34
Fiction	121	170	39
General	223	153	91
Press	66	59	26



The output can also be a multi-D (multi-way) crosstab table as shown below.

Variety	Genre	Separator	Clause	Relativizer Syntax	a_that	b_which
a_BR	Acad	a_NO	a_Restr	a_Object	2	0
				b_Subject	28	2
			b_Non_restr	a_Object	0	0
			b_Subject	0	1	
		b_YES	a_Restr	a_Object	0	0
				b_Subject	0	0
	b_Non_restr		a_Object	0	1	
		b_Subject	0	5		
	Fiction	a_NO	a_Restr	a_Object	2	0
				b_Subject	14	1
			b_Non_restr	a_Object	0	1
			b_Subject	2	0	
b_YES		a_Restr	a_Object	0	0	
			b_Subject	0	0	
	b_Non_restr	a_Object	0	1		
	b_Subject	0	3			
General	a_NO	a_Restr	a_Object	8	2	
			b_Subject	58	2	
		b_Non_restr	a_Object	3	0	
		b_Subject	6	1		
	b_YES	a_Restr	a_Object	0	0	
			b_Subject	1	0	
b_Non_restr		a_Object	0	3		
	b_Subject	0	7			
Press	a_NO	a_Restr	a_Object	6	0	
			b_Subject	26	0	
		b_Non_restr	a_Object	0	0	
		b_Subject	3	0		
	b_YES	a_Restr	a_Object	0	0	
			b_Subject	0	0	
b_Non_restr		a_Object	0	1		
	b_Subject	0	5			
b_BR	Acad	a_NO	a_Restr	a_Object	2	3
			b_Subject	18	6	
		b_Non_restr	a_Object	0	0	
		b_Subject	0	0		
	b_YES	a_Restr	a_Object	0	0	
			b_Subject	0	0	
b_Non_restr		a_Object	0	0		

Note the embedded structure of categories and subcategories.



Brezina, V. (2018). *Statistics in Corpus Linguistics: A Practical Guide*. Cambridge: Cambridge University Press.

			b_Subject	0	8
Fiction	a_NO	a_Restr	a_Object	4	0
			b_Subject	13	1
		b_Non_restr	a_Object	2	1
			b_Subject	0	3
	b_YES	a_Restr	a_Object	0	0
			b_Subject	0	0
		b_Non_restr	a_Object	0	0
			b_Subject	0	2
General	a_NO	a_Restr	a_Object	5	5
			b_Subject	31	7
		b_Non_restr	a_Object	1	1
			b_Subject	3	5
	b_YES	a_Restr	a_Object	0	0
			b_Subject	0	0
		b_Non_restr	a_Object	0	3
			b_Subject	0	13
Press	a_NO	a_Restr	a_Object	3	0
			b_Subject	14	1
		b_Non_restr	a_Object	0	0
			b_Subject	0	0
	b_YES	a_Restr	a_Object	1	0
			b_Subject	0	0
		b_Non_restr	a_Object	0	1
			b_Subject	0	8