

# (Extract from) Chapter 4

## How To Do Cross-Tabs

### In Spss 10.0/11.0

There is a way to import a cross-tab from SPSS to Word, which preserves all the main features of the table and makes it possible to finish easily editing of a table in Word. To follow this way just choose after clicking on an SPSS table with the right-hand button "Export":

The screenshot shows the SPSS Output Viewer window with a crosstabulation table. The table is titled "Agriculture-Contribution to Local Food Supply \* Fixity of Settlement Crosstabulation". The table has two main columns: "Agriculture-Contribution to Local Food Supply" and "Fixity of Settlement". The "Fixity of Settlement" column is further divided into "Migratory", "Seminomadic-fixed then migratory", "Rotating among 2+ fixed", "Semisedentary-fixed core, some migratory", "Impermanent-periodically moved", and "Permanent". The "Total" column shows the sum of each row. A context menu is open over the table, with the "Export..." option highlighted.

		Fixity of Settlement						Total
		Migratory	Seminomadic-fixed then migratory	Rotating among 2+ fixed	Semisedentary-fixed core, some migratory	Impermanent-periodically moved	Permanent	
Agriculture-Contribution to Local Food Supply	None	16 45,7%	10 28,6%	2 5,7%	4 11,4%		3 8,6%	35 100,0%
	Non-Food Crops		2 66,7%		1			3 100,0%
	< 10%	9 52,9%	6 35,3%	1 5,9%				17 100,0%
	< 50% < single	3 25,0%	2 16,7%				4 33,3%	12 100,0%
	< 50% > single			2 4,8%			29 69,0%	42 100,0%
	Primarily agricultural		1 100,0%	1 100,0%			66 100,0%	77 100,0%

After this you will see the following:

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The screenshot shows the SPSS Viewer interface with the 'Export Output' dialog box open. The dialog box has the following settings:

- Export: Output Document (No Charts)
- Export File: File Name: c:\main\books\textbook\WhiteNew\OU
- Export What: Selected Objects (radio button selected)
- Export Format: File Type: HTML file (\*.htm)

The background table shows the following data:

	Permanent	Total
Agriculture-C ontribution to Local Food Supply	3	35
None	8,6%	100,0%
Non-Food Crops		3
		100,0%
< 10%		17
		100,0%
< 50% < single	3	2
	25,0%	16,7%
		2
		16,7%
		1
		8,3%
	4	12
	33,3%	100,0%
< 50% > single		2
		4,8%
		5
		11,9%
		6
		14,3%
	29	42
	69,0%	100,0%
Primarily aagricultural		1
		1
		1
		8
	66	77
	86,7%	100,0%

Just press "OK". By default the HTML file will be saved in the directory in which you are working. After this find file Output.htm in your working directory and open it. You will see the following:

## Cross-Tabs in Spss

		Fixity of Settlement						Total
		Migratory	Seminomadic-fixed then migratory	Rotating among 2+ fixed	Semisedentary-fixed core, some migratory	Impermanent-periodically moved	Permanent	
Agriculture-Contribution to Local Food Supply	None	16	10	2	4		3	35
		45,7%	28,6%	5,7%	11,4%		8,6%	100,0%
	Non-Food Crops		2		1			3
			66,7%		33,3%			100,0%
	< 10%	9	6	1	1			17
		52,9%	35,3%	5,9%	5,9%			100,0%
	< 50% < single source	3	2		2	1	4	12
25,0%		16,7%		16,7%	8,3%	33,3%	100,0%	
< 50% > single source			2	5	6	29	42	
			4,8%	11,9%	14,3%	69,0%	100,0%	
Primarily agricultural		1	1	1	8	66	77	
		1,3%	1,3%	1,3%	10,4%	85,7%	100,0%	
<b>Total</b>		28	21	6	14	15	102	186

Now press "Control-A" to select the table, copy it and paste it in a Word document with which you are working. If everything has been done correctly, the size of font and the table can now be adjusted to fit the page, and the adjusted table should look as follows:

		Fixity of Settlement						Total
		Migratory	Seminomadic-fixed then migratory	Rotating among 2+ fixed	Semisedentary-fixed core, some migratory	Impermanent-periodically moved	Permanent	
Agriculture-Contribution to Local Food Supply	None	16	10	2	4		3	35
		45,7%	28,6%	5,7%	11,4%		8,6%	100,0%
	Non-Food Crops		2		1			3
			66,7%		33,3%			100,0%
	< 10%	9	6	1	1			17
		52,9%	35,3%	5,9%	5,9%			100,0%
	< 50% < single source	3	2		2	1	4	12
25,0%		16,7%		16,7%	8,3%	33,3%	100,0%	
< 50% > single source			2	5	6	29	42	
			4,8%	11,9%	14,3%	69,0%	100,0%	
Primarily agricultural		1	1	1	8	66	77	
		1,3%	1,3%	1,3%	10,4%	85,7%	100,0%	
<b>Total</b>		28	21	6	14	15	102	186
		15,1%	11,3%	3,2%	7,5%	8,1%	54,8%	100,0%

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Now you can easily finish the editing of the table any way you like using just standard Word menu. Note that importing a cross-tab to Word this way you will spend much less time and effort editing the table than when you just copy it directly from SPSS, which is what you see in the following table.

**Agriculture-Contribution to Local Food Supply \* Fixity of Settlement Crosstabulation**

		Fixity of Settlement						Total
		Migratory	Seminomadic-fixed then migratory	Rotating among 2+ fixed	Semisedentary-fixed core, some migratory	Impermanent-periodically moved	Permanent	
Agriculture-Contribution to Local Food Supply	None	16 45.7%	10 28.6%	2 5.7%	4 11.4%		3 8.6%	35 100%
	Non-Food Crops		2 66.7%		1 33.3%			3 100%
	< 10%	9 52.9%	6 35.3%	1 5.9%	1 5.9%			17 100%
	< 50% < single source	3 25.0%	2 16.7%		2 16.7%	1 8.3%	4 33%	12 100%
	< 50% > single source			2 4.8%	5 11.9%	6 14.3%	29 69%	42 100%
	Primarily agricultural		1 1.3%	1 1.3%	1 1.3%	8 10.4%	66 86%	77 100%
<b>Total</b>		28 15.1%	21 11.3%	6 3.2%	14 7.5%	15 8.1%	102 55%	186 100%

However, though by now we know quite a lot about the relationship between the variables of consideration, we have not tested the respective hypothesis statistically. In the next chapter we shall try to explain to you how to do this.