

SPSS: Multiple values (via Custom tables)

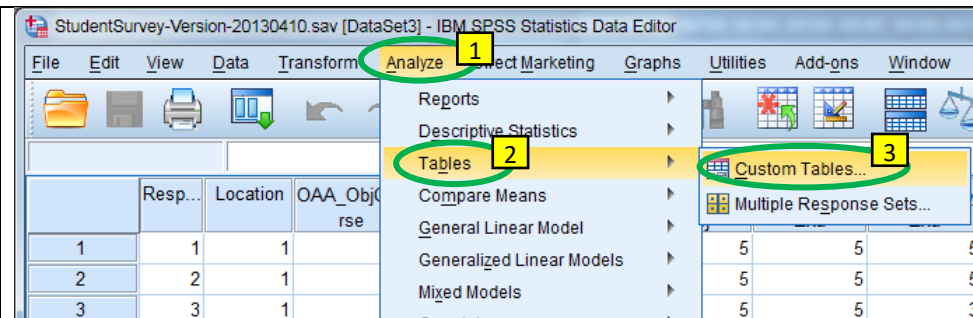
This document will show how to generate a single table of multiple variables that share the same values as shown below. These are the instructions for version 23 or older. A separate document is available at <http://PeterStatistics.com> for version 24, although the differences are minimum.

	Fully Disagree		Disagree		Neither disagree nor agree		Agree		Fully agree	
	Count	Row Valid N %	Count	Row Valid N %	Count	Row Valid N %	Count	Row Valid N %	Count	Row Valid N %
4.1 The teacher was able to motivate me	20	37,0%	9	16,7%	12	22,2%	7	13,0%	6	11,1%
4.2 The teacher was able to link theory to relevant practical situations	11	20,4%	12	22,2%	16	29,6%	8	14,8%	7	13,0%
4.3 The teacher stimulated me to ask questions during the course (via Blackboard and/or in class)	17	32,1%	6	11,3%	14	26,4%	10	18,9%	6	11,3%
4.4 The teacher was available to answer questions about the course (via Blackboard and/or in class)	8	14,8%	3	5,6%	16	29,6%	14	25,9%	13	24,1%
4.5 The teacher stimulated me to use the discussion boards on Blackboard	15	27,8%	11	20,4%	17	31,5%	4	7,4%	7	13,0%
4.6 The teacher stimulated the students to participate in the online activities (preparation by viewing videos, making the assignment, using the exercise generator, etc.)	15	27,8%	11	20,4%	14	25,9%	6	11,1%	8	14,8%
4.7 The teacher had sufficient competences (knowledge, skills and attitude) to help me reach the course objectives	10	18,9%	8	15,1%	7	13,2%	13	24,5%	15	28,3%

You can also follow the instructions described below in the instructional video available at https://youtu.be/wdJBcbKR5_M.

The example file used is *StudentStatistics.sav* available on the companion website <http://PeterStatistics.com>.

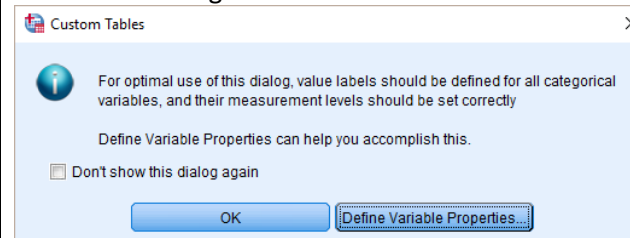
1. Click in the menubar on **Analyze**
2. Click on **Tables** (or in SPSS 23 on **Custom Tables**)
3. Click on **Custom Tables...**



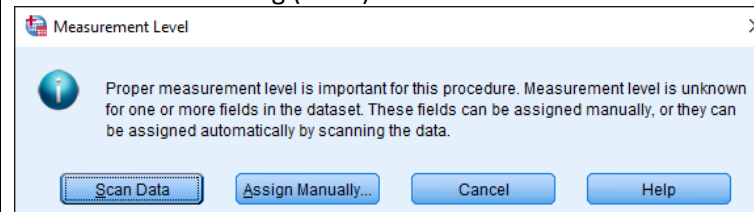
4. In SPSS version 22 you might be prompted with a message that custom tables work best if the labels for all values have been assigned. If you have done so, you can simply click on OK.

In version 22 & 23 you will get a message about measurement level if any of the variables is still set to 'unknown' as a measurement level. SPSS gives you a few options but you might want to cancel in this case, go to the Variable View and check which variables have Measure set to unknown and change them to the proper measurement level.

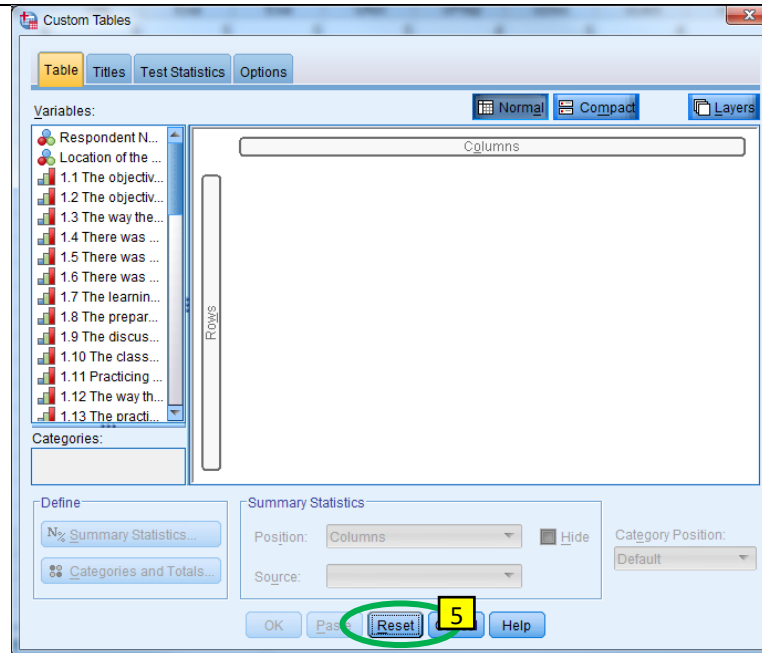
SPSS 22: Warning that it works best if all values are assigned a label.



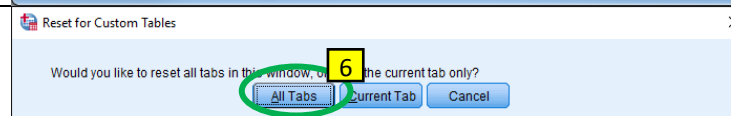
SPSS 22 & 23: Warning (error) if measurement level of one variable is unknown.



5. Click on **Reset**

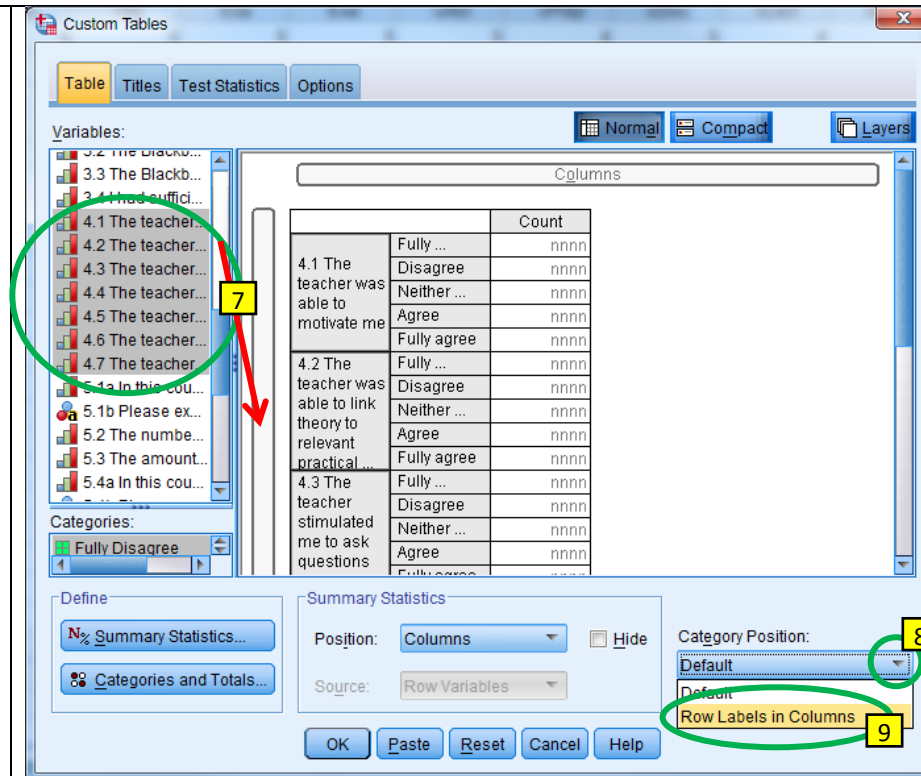


6. Click on **All Tabs**



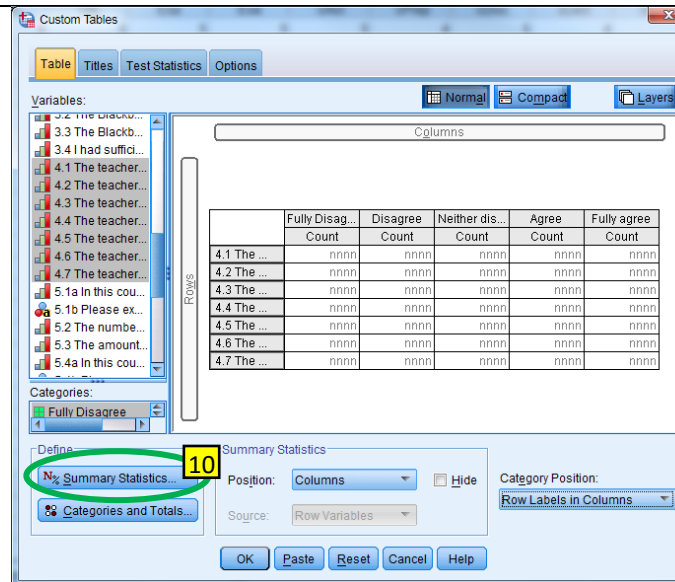
7. **Drag** the variables to the Rows (you can select multiple variables by using the CTRL key)
8. Click on the pull down button  at Category Position
9. Click on *Row Labels in Columns*

Note: If Row Label in Columns does not appear, it indicates that one of the selected variables uses other values than the others. This could be a typing error, but you will have to go back to your Variable View in the data file and make sure they all use the exact same values.



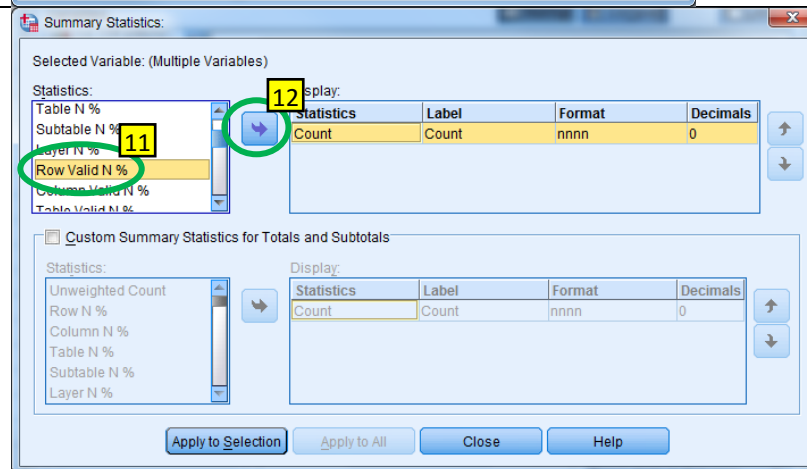
In case you want to also show percentages:

10. Click on  Summary Statistics...



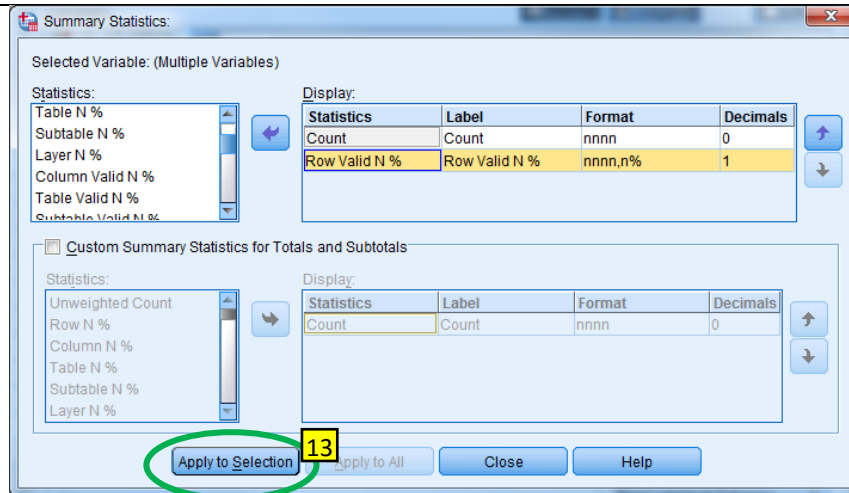
11. Click at Statistics on the *Row Valid N%*

12. Click on 



13. Click on

Apply to Selection



14. Click on

OK

