

SPSS: Frequency table via *Custom tables* (SPSS 24)

In this documents instructions are shown on ow to generate a frequency table as shown below, using the *Custom tables* option.

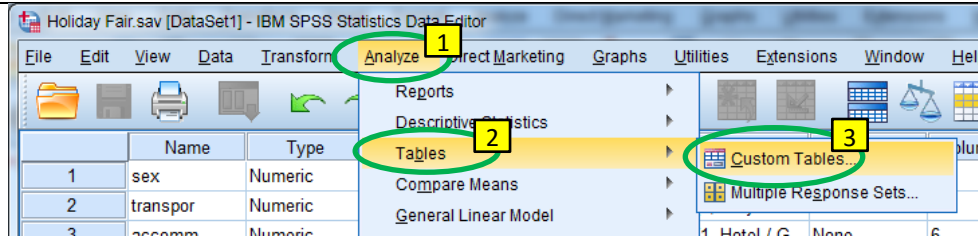
		Count	Column Valid N %
favourite means of transportation	Car	38	38,0%
	Plane	40	40,0%
	Coach	12	12,0%
	Train	10	10,0%
	Total	100	100,0%

These instructions are for version 24. The difference with older versions is minimum, but a separate instruction set is available for older versions on the companion website at <http://PeterStatistics.com>.

The described steps are also shown in the Youtube video at: <https://youtu.be/hUW-Cv89sjA>

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

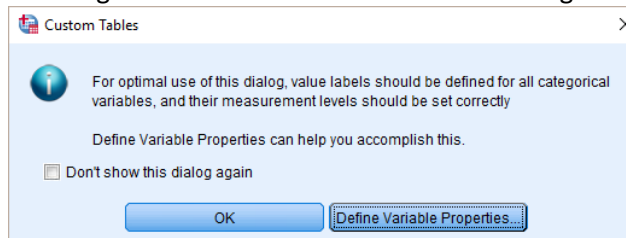
1. Click in the menubar on **Analyze**
2. Click on **Tables**
3. Click on **Custom Tables...**



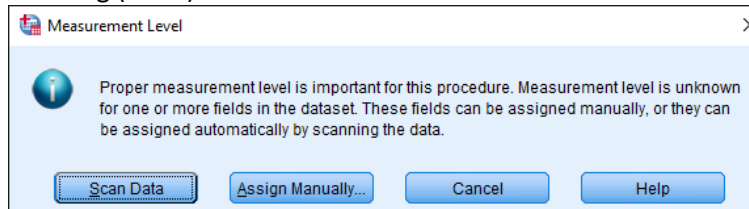
4. You might be prompted with a message that custom tables work best if the labels for all values have been assigned. If you have done so, you can simply click on OK.

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.

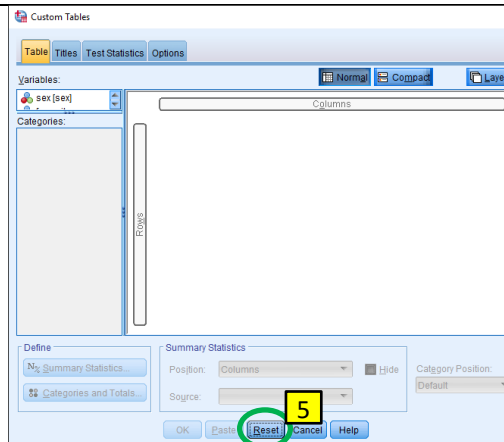
Warning that it works best if all values are assigned a label.



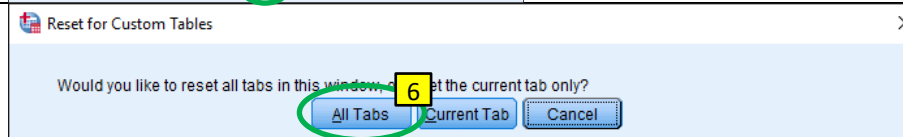
Warning (error) if measurement level of one variable is unknown.



5. Click on **Reset**



6. Click on **All Tabs**

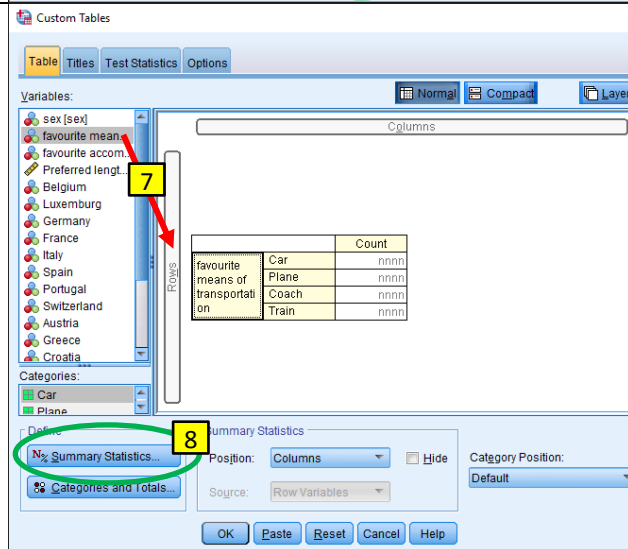


7. **Drag** the variable of which you want a frequency table to the **Rows**, by dragging it there.

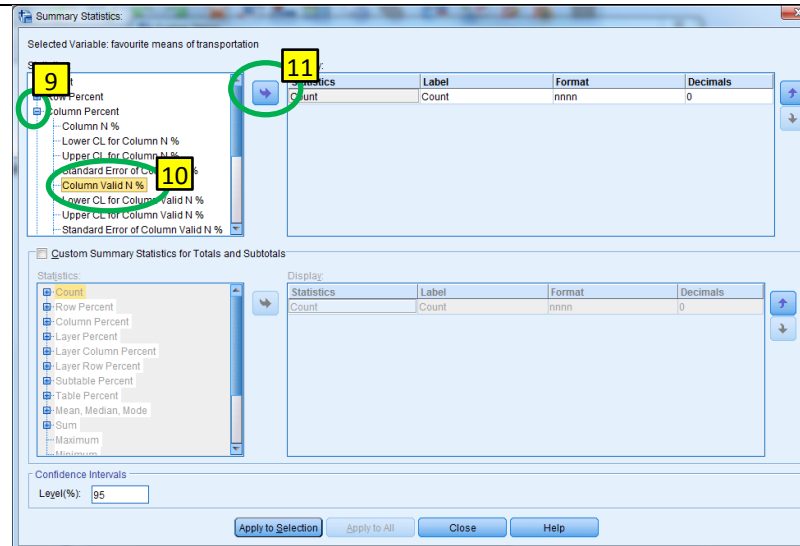
If you want to see *percentages*:

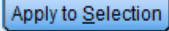
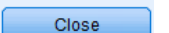
8. Click on **Summary Statistics...**

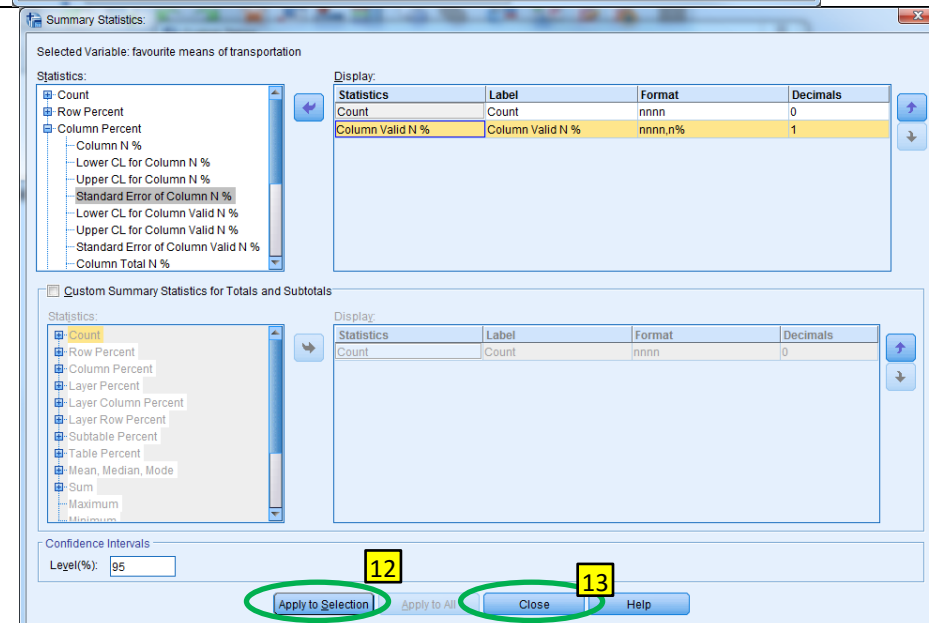
Note: if you cannot click on the *Summary Statistics*, then first click in the table on the variable name or any of the values (the lightly yellow shaded area).



9. From the Statistics list click on  in front of the Column Percent
10. Click on Column Valid N% (or any other percentage you wish to add)
11. Click on 



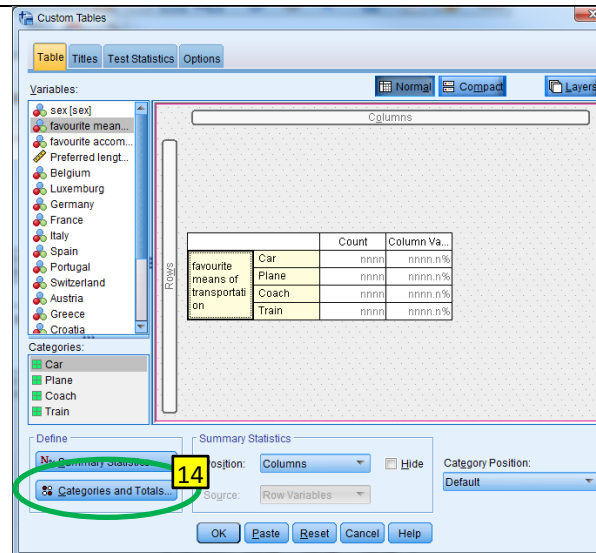
12. Click on 
13. Click on 



If you want the totals to be shown as well:

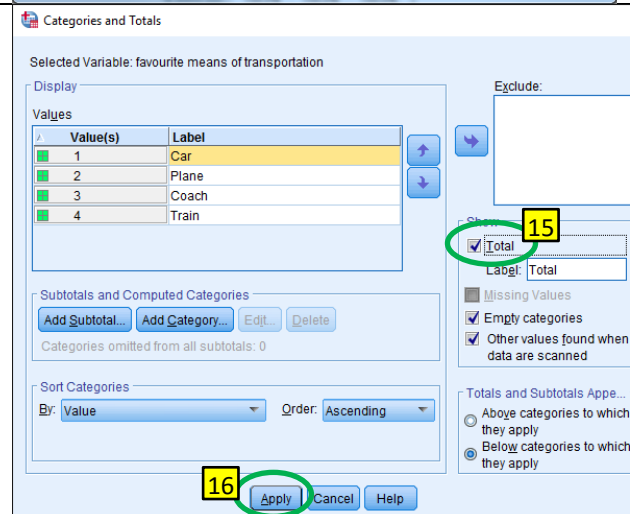
14. Click on  **Categories and Totals...**

Note: if you cannot click on the *Categories and Totals*, then first click in the table on the variable name or any of the values (the lightly yellow shaded area).



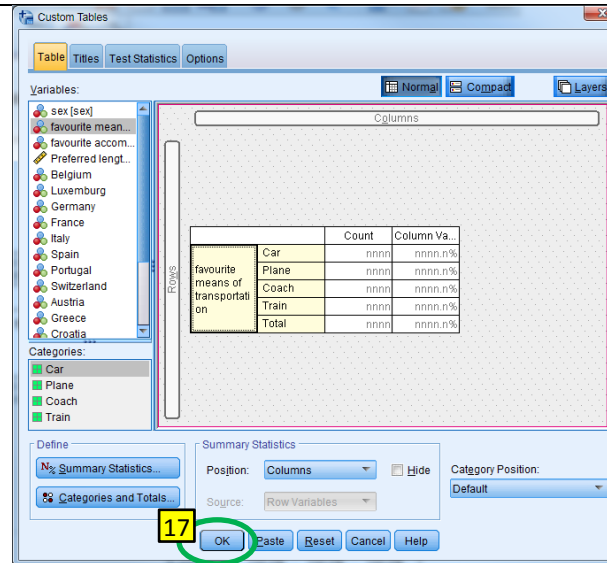
15. At the Show section tick the  **Total** option.

16. Click on 



17. Click on

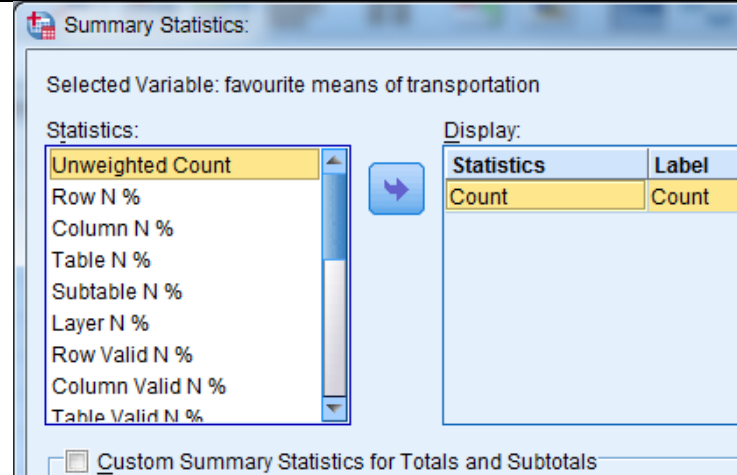
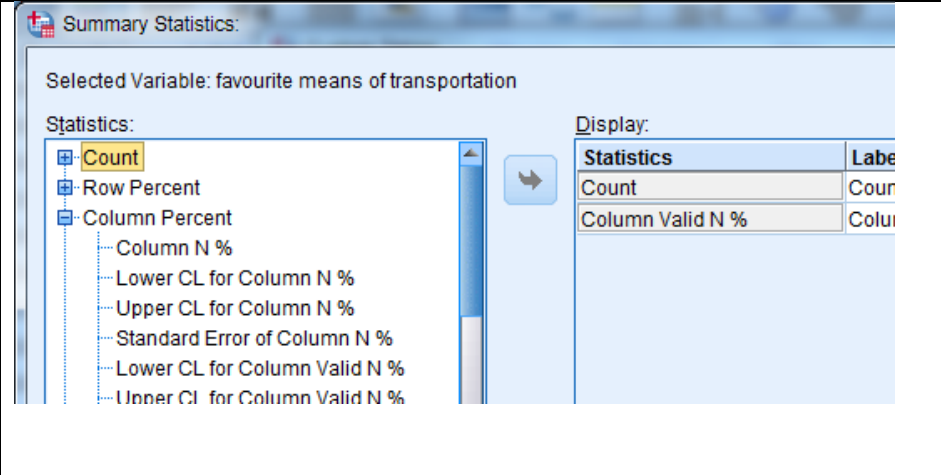
OK



If you double-click on the table, you can remove columns, rows or cells, change the number of decimals shown, highlight some numbers etc.

Difference with previous versions

In the custom tables menu the Summary Statistics options are now categorized, while in previous versions this would have been one long list.

Version 23 or older	Version 24												
 Summary Statistics: Selected Variable: favourite means of transportation Statistics: - Unweighted Count - Row N % - Column N % - Table N % - Subtable N % - Layer N % - Row Valid N % - Column Valid N % - Table Valid N % Display: <table border="1"> <thead> <tr> <th>Statistics</th><th>Label</th></tr> </thead> <tbody> <tr> <td>Count</td><td>Count</td></tr> </tbody> </table> ☐ Custom Summary Statistics for Totals and Subtotals	Statistics	Label	Count	Count	 Summary Statistics: Selected Variable: favourite means of transportation Statistics: - Count - Row Percent - Column Percent - Column N % - Lower CL for Column N % - Upper CL for Column N % - Standard Error of Column N % - Lower CL for Column Valid N % - Upper CL for Column Valid N % Display: <table border="1"> <thead> <tr> <th>Statistics</th><th>Label</th></tr> </thead> <tbody> <tr> <td>Count</td><td>Count</td></tr> <tr> <td>Row Percent</td><td>Row Percent</td></tr> <tr> <td>Column Valid N %</td><td>Column Valid N %</td></tr> </tbody> </table>	Statistics	Label	Count	Count	Row Percent	Row Percent	Column Valid N %	Column Valid N %
Statistics	Label												
Count	Count												
Statistics	Label												
Count	Count												
Row Percent	Row Percent												
Column Valid N %	Column Valid N %												