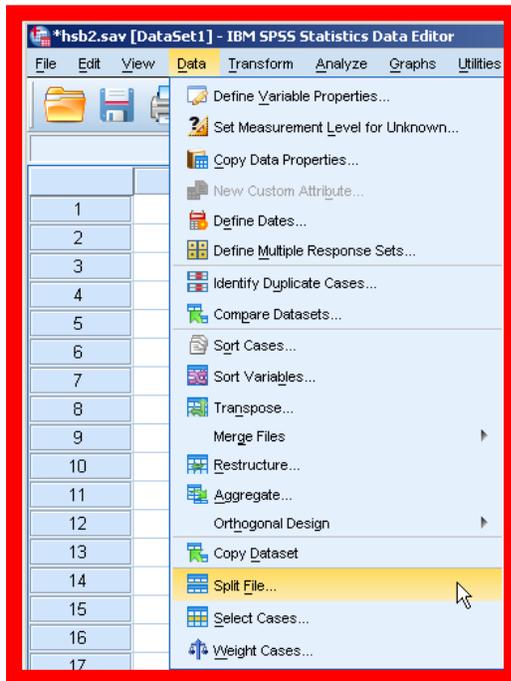


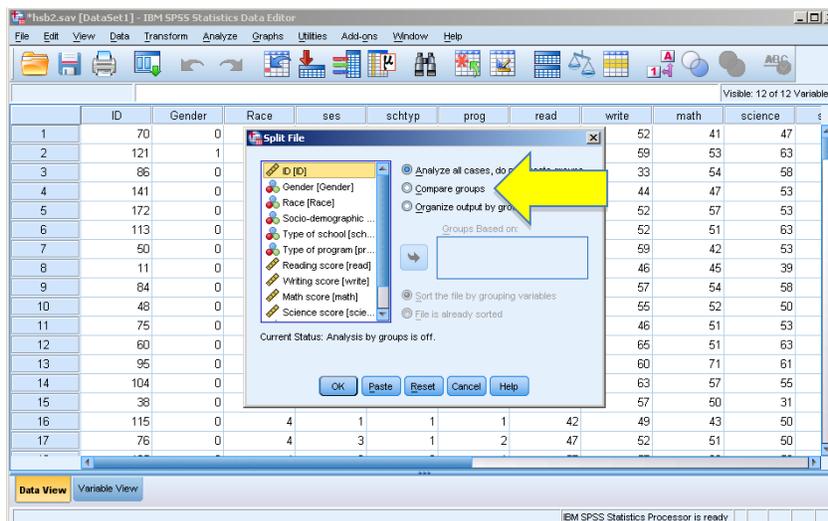
Guideline 3_SPSS: Data manipulation

How to split a file

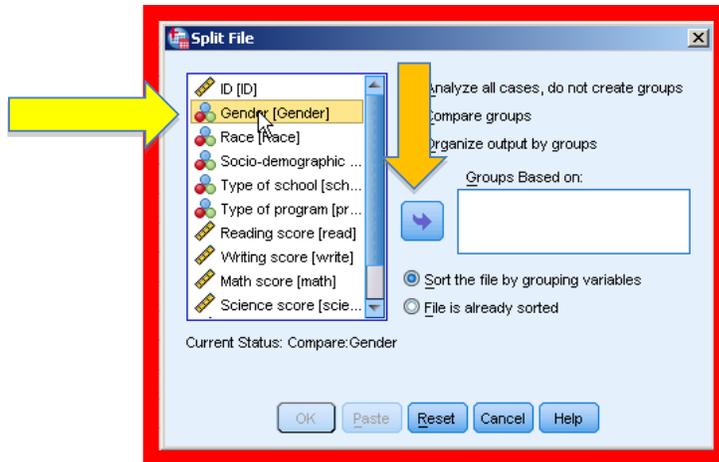
If you want to calculate the mean math score based on **Gender**, you can go to Data> Split file



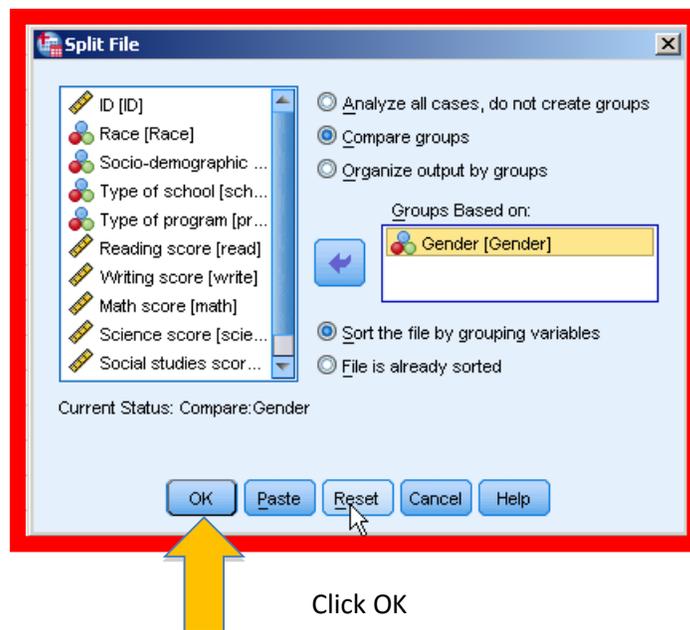
A new menu will be opened. Click on Compare groups



Then select the variable based on which you want to group the data. In this case, Gender.

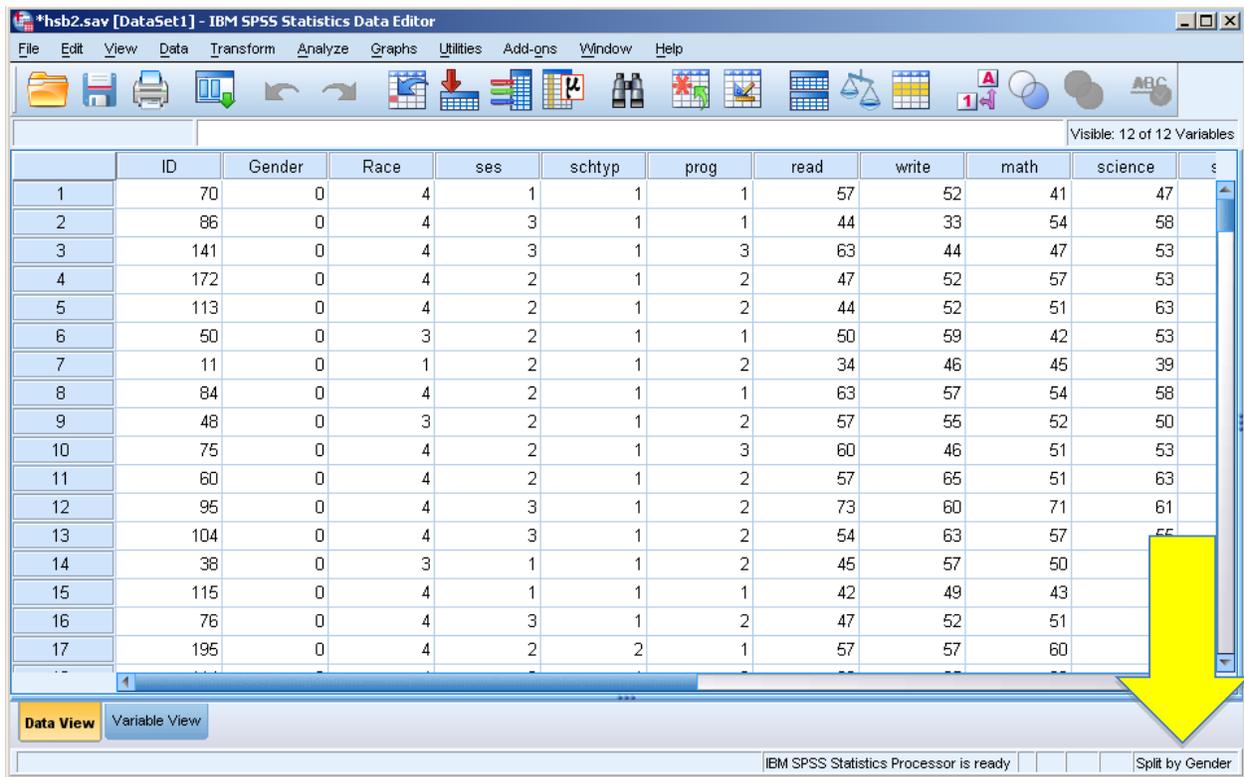


Push the variable to the empty box using the arrow (see orange arrow)

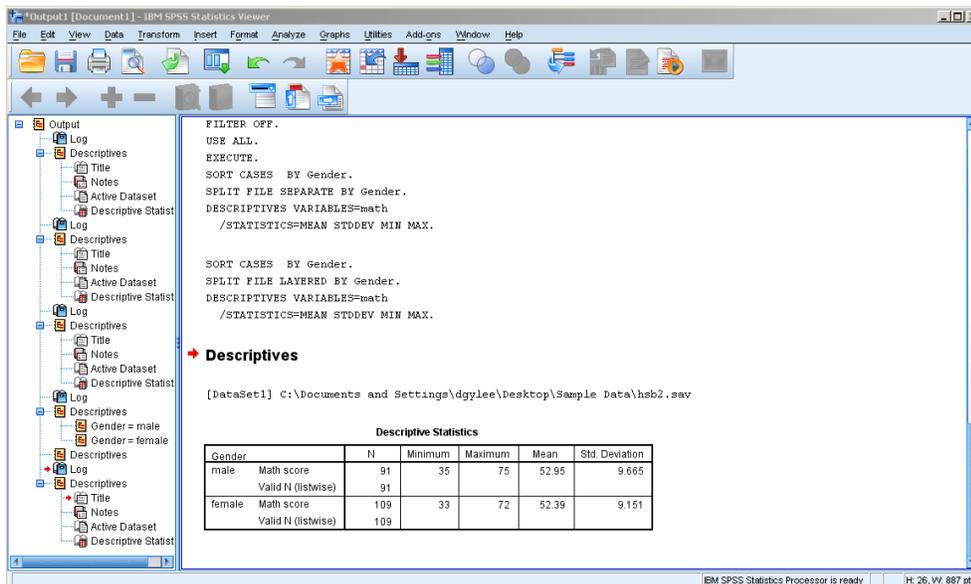


Click OK

Unlike “filtering” or “selecting a variable” , there is only one alert that suggest the file is “sliced” into two sections. And the alert is the text written in small font which indicates “split by Gender”.



The result of descriptive analysis will be the following output.



You can see that math score is analysed twice: once for male and once for female.

Descriptive Statistics						
Gender		N	Minimum	Maximum	Mean	Std. Deviation
male	Math score	91	35	75	52.95	9.665
	Valid N (listwise)	91				
female	Math score	109	33	72	52.39	9.151
	Valid N (listwise)	109				

Beware that unless you turn off the split, everything you do, will be carry out for separately for male and female. To turn the split off, go back to Data> split file, and click Reset.