

There will be several Excel files created. The first one will have percentages and means for each of the subgroups created using the grouping variables. The other(s) will have results from the differences between the groups formed using the last grouping variable. There will be one of these for each plausible value in the analysis specification. In our example, there will be a single file that contains the differences between boys and girls in the variable ASRREA0. This second Excel file will have “_Sig” attached to its name.

The columns in the Excel file and in the SPSS dataset with the percentages and means are the following:

- Grouping Variables: Grouping variables used in defining the groups for the analysis (IDCOUNTRY and ITSEX in this case)
- DVAR: The name of the plausible value used in the analysis
- N: Number of cases in group
- TOTWGT: Sum of the weights for cases in the groups in the groups defined by the Grouping Variables
- SUMW_SE: Standard error of the sum of the weights
- PCT: Percentage of cases in the group
- PCT_SE: Standard error of the percentage of cases in the group
- MNPV: Average of the plausible values
- MNPV_SE: Standard error of the mean of the plausible values
- SDPV: Standard deviation of the plausible values
- SDPV_SE: Standard error of the standard deviation of the plausible values.
- VRPV: Variance of the plausible values
- VRPV_SE: Standard error of the variance of the plausible values
- DEff1, DEff2, DEff3, DEff4, DEff5¹⁶: the design effects
- PCTMISS: Percent missing the plausible values within the group
- WEIGHT: The weighting variable used for the analysis
- REPS: The number of replicates used for the analysis
- METHOD: The method of replication used for the analysis
- NPV: the number of plausible values used for the analysis
- SHORTCUT: Whether only one plausible value was used to calculate the sampling error (Y) or all of them were used (N)
- DATE: The date the analysis was conducted
- TIME: The time the analysis was conducted

¹⁶ Please refer to Appendix G for information on the calculation of the design effect.