

- SHORTCUT: whether the sampling variance was calculated using all plausible values (N), or just the first plausible value (Y).
- PAIRWISE: Whether pairwise deletion of cases containing missing data for the analysis variables is used (Y – yes; N – no)
- DATE: The date the analysis was conducted
- TIME: The time the analysis was conducted
- REPS: The number of replicates used for the analysis
- NPV: The number of plausible values used in the analysis.
- INFILE: data used for the analysis
- SELCRIT: selection criteria used for the analysis

Computing Percentiles

To compute percentiles for a variable, you will need to select “**Percentiles**” from the **Statistic Type** dropdown menu.

This analysis type requires the selection of the following variables for the analysis:

Grouping Variables	This is the list of variables that are to be used to define the subgroups. The list can consist of one or more variables. The IDB Analyzer always includes IDCNTRY or its equivalent as the first grouping variable and there should always be at least one grouping variable. If the option “Exclude Missing from Analysis” is checked, only cases that have non-missing values in the grouping variables will be used in the analysis.
Analysis Variables	The variable(s) for which the percentiles will be calculated. You can select one or more analysis variables for this analysis.
Percentiles	These are the percentiles that will be calculated from the distribution of values for the variables. These need to be sorted in increasing order separated by spaces, and written with no decimals.
Weight Variable	The sampling weight that will be used in the analysis. The IDB Analyzer automatically selects the appropriate weight and replication variables for the analysis.

In this example, we will compute the 25th, 50th, and 75th percentiles for the scales “Students Like Reading” (ASBGSLR) and “Students Motivated to Read” (ASBGSMR).

The steps in the IDB Analyzer are as follows:

1. Open the Analysis Module of the IDB Analyzer (Start → All Programs → IEA → IDBAnalyzerV3 → IDBAnalyzer).
2. Select the data file named **Merged_PIRLS_Data.sav** that you merged in the previous step.
3. As Analysis Type, select **PIRLS (Using Student Weights)**. The weight variable is automatically selected by the software. As this is an example for analysis on student level,