



EduStat Software

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## *Opinion Analysis*

The "Opinion Analysis" procedure concerns answers to questions of opinion. Two computation options are available: surveys analysis and profiles analysis. The implementation of the exercises proposed will use the database "**TeachersMultilanguageEN.edu**". This database contains 98 variables and 77 records. It can be noted that this is a multilingual database (French and English); it will be possible to produce reports in French and English. We will produce statistical compilations related to the following two sub-options:

- Survey Analysis
- Profile Analysis

In addition to processing these statistical compilations, it is also possible to generate, using this database, frequencies distributions as is the situation for most of the available databases.

Several documents are available when using EduStat. If you wish to obtain further information on the procedure to be followed in order to carry out each treatment presented in this text, it is possible to consult the following documents part of the documentation. To access it, choose the "Documentation" option from the "Help" menu. A window with five options appears. It is possible to open one of the three options allowing to have additional information by choosing the option of his choice: Slideshows, Videos (not available in English), Procedural Documents. It is also possible to consult the "User's Guide" (not available in English). We advise you to read some of these before carrying out the activities presented in this document. Here are some references.

*User Guide* – Not available in English

### *Viewing slideshows*

- Survey Analysis – "Survey – Survey Analysis"
- Profile Analysis – "Survey – Profile Analysis"

*Viewing videos* – Not available in English

## Viewing procedural documents

- Survey Analysis – "Survey – Survey Analysis"
- Profile Analysis – "Survey – Profile Analysis"

The following two sections present information on options related to survey analysis compilations.

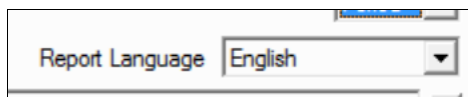
### ❖ Survey Analysis

The "Survey Analysis" option deals with opinion questions. For each question, the report provides the number of individuals, the observed minimum and maximum, the direction of the scale, the average response and the expression of this mean on 100. However, only variables for which Indicated the direction of the scale (+ or -) under "Weigh" label in the database are taken into account in the calculations performed by this procedure. The report also provides the average on 100 of each variable groups defined in the database.

Here is how to produce average scoreboards.

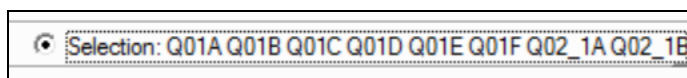
- Select report language

Because this is a multilingual database, it is necessary to indicate the language to be used in the report to be produced; we have selected the production of the report in English.



- Select variables

The software presents only the survey variables. We chose all opinion variables.



### Report

The product report consists of two sections.

- Statistics on each variable for the selected selection.

	Number	Minimum	Maximum	Weighting	Raw	/100
Q01A	76	1	4	+1	2.1	53.0
Q01B	76	1	4	+1	1.8	45.7
Q01C	75	1	4	+1	2.4	60.0
Q01D	76	1	4	+1	2.9	72.7
Q01E	76	1	4	+1	2.4	60.9
Q01F	76	2	4	+1	2.6	64.1
Q02_1A	76	1	4	+1	2.3	58.6

- Statistics according to groupings of variables

Sections	/100
Time Management	56,0
Assessment Practices	73,7
Teaching Strategies	76,3
Challenges to Teaching	53,0
Overall	67,7

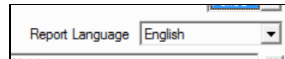
## ❖ Profile Analysis

A survey on a group of individuals can be used to establish a competency profile for each surveyed person or for the entire group submitted to the questionnaire prepared for this purpose. This option is used to process the data collected in this context.

Here's how to create profile tables. We chose to use all opinion variables.

- Select report language

Since this is a multilingual database, it is necessary to indicate the language to be used in the report to be produced; we have selected the production of the report in English.



- Select variables

The software presents only the survey variables. We chose all opinion variables.



- Type of report to be produced

Three types of reports can be produced:

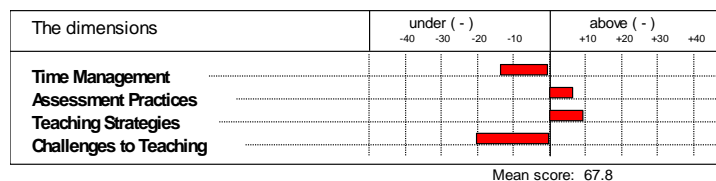
- An individual profile for each person in the database
- A complete report, i.e. an individual report for each person in the database and a summary report based on the data collected from the surveyed persons
- A summary report, i.e. a report taking into account the data collected from all concerned persons

## Report

The report produced in this exercise will cover all the data collected. The table and the graphical illustration related to the sections that are included in the questionnaire.

### Sections

The dimensions	Sum	Maximum	Mean
Time Management	2383	4252	56.0
Assessment Practices	5344	7264	73.6
Teaching Strategies	9368	12324	76.0
Challenges to Teaching	2654	5304	50.0
Overall	19749	29144	67.8



It should be noted that if there had been more than one grouping of variables, two series of tables and graphs would have been produced.