

**Level of Knowledge in Statistics and SPSS by Trainees at the Beginning and End of the Course \***

TYPE OF KNOWLEDGE	BEGINNING	END OF COURSE
Identifying the aim of statistics.	Sufficient	Good
Identifying the differences between a sample and a population.	Sufficient	Good
Distinguishing descriptive statistics and statistical inference.	Sufficient	Good
Identifying and distinguishing random samples and non random samples.	Sufficient	Good
Identifying and distinguishing qualitative variables and quantitative variables.	Good	Good
Identifying and distinguishing nominal variables and ordinal variables.	Good	Good
Identifying and distinguishing discrete variables and continuous variables.	Good	Good
Knowing and being able to use the windows and menus of the SPSS.	Insufficient	Sufficient
Correctly defining the characteristics of a variable in the <i>Variable View</i> window of the SPSS.	Insufficient	Good
Copying, inserting and eliminating a variable on the SPSS.	Insufficient	Good
Correctly introducing data in the <i>Data Editor</i> window of the SPSS.	Insufficient	Good
Copying, inserting and eliminating a case on the SPSS.	Insufficient	Good
Re-codifying a variable on the SPSS.	Insufficient	Good
Creating a new variable from other variables on the SPSS.	Insufficient	Good
Making frequency charts and correctly interpreting them on the SPSS.	Insufficient	Good
Making measurements of descriptive statistics on the SPSS and interpreting them correctly.	Insufficient	Sufficient
Making and editing graphs on the SPSS and interpreting them correctly.	Insufficient	Good
Distinguishing Parametric Tests and non Parametric Tests.	Insufficient	Insufficient
Making the Q-Square Test on the SPSS and interpreting it correctly.	Insufficient	Good
Making the T-Test for Equality of Measurements on the SPSS and interpreting it correctly.	Insufficient	Good

\* Information based on Mode