



BANCO DE PORTUGAL
EUROSISTEMA

Introduction to Stata

Lisbon, May 22-24, 2017

3 days Course - Paulo Guimarães (DEE - BPLIM)

Training Program

1. General overview of Stata:

Menus and Dialogs, Command and Review Window, Data Editor, Dofile Editor, Stata syntax, Help

2. Basic Data Manipulation:

Using and saving data, creating and manipulating variables, modifying data, labels, functions, sorting

3. Advanced Data topics:

Indices, prefix commands, egen functions, working with strings and dates, categorical/factor variables, missing values

4. Importing and Exporting Data:

Reading and writing ascii, excel, odbc

5. Advanced Manipulation of Datasets:

Merging, appending, reshaping, transposing

6. Basic Data Analysis:

Descriptive statistics, tables, histograms, linear regression

7. Creating graphics with Stata:

Simple graphics, formatting, schemes, exporting and editing

8. Basics of Programming:

Macros, looping, do and ado files, external files

9- Outputting Stata results:

Outputting to Word, Excel and Latex

10-Basics notions of Linear Regression