



BANCO DE PORTUGAL  
EUROSISTEMA

# Introduction to Stata

**Lisbon, January 19-20, 2017**

**2 days Course**

Miguel Portela (DEE - BPLIM)

## Training schedule

10:00 – 13:00

13:00 – 14:00 – Lunch

14:00 – 17:00

## 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