



Trade Flows and Trade Policy Analysis

October 2013
Dhaka, Bangladesh

Witada Anukoonwattaka
(ESCAP)

Cosimo Beverelli
(WTO)

Introduction to STATA

Content

- a. Datasets used in Introduction to Stata
- b. Resources
- c. Importing data into Stata
- d. Do files
- e. Commands for variable's management and descriptive statistics
- f. Macros
- g. Loops

a. Datasets used in Introduction to Stata

- To apply some of the Stata commands described in this presentation, we will use two datasets:
 - WDI.dta - a very small subset of the World Development indicators
 - WB_ES.dta – derived from the World Bank Enterprise Surveys
- You can find the datasets in the directory:
“Stata_material\data\IntroductionStata\”

b. Resources

- Stata help and Stata manual
- A variety of [books](#) covering Stata exist

Web resources:

- Germán Rodríguez's [webpage](#)
 - Data management, graphics and programming
- UCLA IDRES' [webpage](#)
 - Very comprehensive covering all sorts of topics (data management, analysis,...) with many examples
 - [FAQ](#)
- [Statalist](#)
 - Typically accessed via a google search

c. Importing data into STATA

- *insheet using filename, clear delimit(“;”) names*
 - Typically used for text files that are either comma or tab-separated
 - Rarely used alternatives: *infix* (fixed-column format); *infile* (free format)
- *Stata12: import excel using filename , sheet(“Ex1”) first*
 - Reads excel files directly into Stata
 - Allows to specify variables, cellrange and worksheet to import
- *StatTransfer*
 - Specialised software to transfer data
- *Copy paste*
 - Sometimes the most efficient way, e.g. when you do not want to write a do file
 - To watch out: the accuracy of copied numbers depends on
 1. how data are formatted in excel, i.e. how many digits are shown, and
 2. your settings in Stata(use *set type double* before copying)

d. Do files

- If you work with STATA, (almost) always use do files
 - E.g. one do file for creating your master dataset and one do file for regressions
 - Do files can also be used to set globals and directories or to run a series of different do files after each other
- Typical commands at beginning of each do file:

clear all	/* removes all data */
set more off, perm	/* prevents Stata to pause while running a do file */
capture log close	/* closes a log file */
cd "directory"	/* sets the directory, e.g. "C:\Research\data\" */
log using "filename", replace	/* useful for long do files, allows printing */
capture log close	/* at the end of a do file that is logged */
use "dataset.dta", replace	/* open dataset; " " are not necessarily needed */

e. Commands for variable's management and descriptive statistics

- *generate newvar=exp* *[if]*
 - Creates a new variable
- *replace oldvar=exp* *[if]*
 - Replaces an existing variable
- *rename old_varname new_varname*
 - Renames variable; alternative: *renvars varlist*
- To drop or keep variables you can use
 - *drop varlist* or *keep varlist*

预览已结束，完整报告链接和二维码如下：

https://www.yunbaogao.cn/report/index/report?reportId=5_6562

