

Revision of Stata basics in STATA 11:

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Resources

- Stata help
 - Command: `help command_name`
 - For Example:
 - To learn about merge command, type: `help merge`
- Stata manual
- Web Resources:
 - UCLA IDRE's website:
 - <http://www.ats.ucla.edu/stat/stata/>
 - Covers a variety of issues from data management to Regression Analysis
 - Germán Rodríguez's Website:
 - <http://data.princeton.edu/stata/>
 - Covers data management, graphics and programming

Stata 11 Interface

The screenshot shows the Stata 11.2 interface with the following components and annotations:

- Review Window:** A red circle highlights the Command window at the top left, containing the command `use "F:\Gravity Data\Gravity datasets\gravity_aft_master.dta"`. A red arrow points to it with the text: "Review Window: Your input commands will be shown here."
- Variables Window:** A red circle highlights the Variables window at the bottom left, showing a list of variables from the dataset. A red arrow points to it with the text: "Variables of the dataset are shown here".
- Result Window:** A red arrow points to the main Stata window with the text: "Result Window: Result of the input commands will be shown here." This window displays the Stata logo, version 11.2, copyright information, license details, and the command being executed.
- Command Window:** A red arrow points to the Command window at the bottom with the text: "Command Window: Input your commands here."

The Variables window lists the following variables:

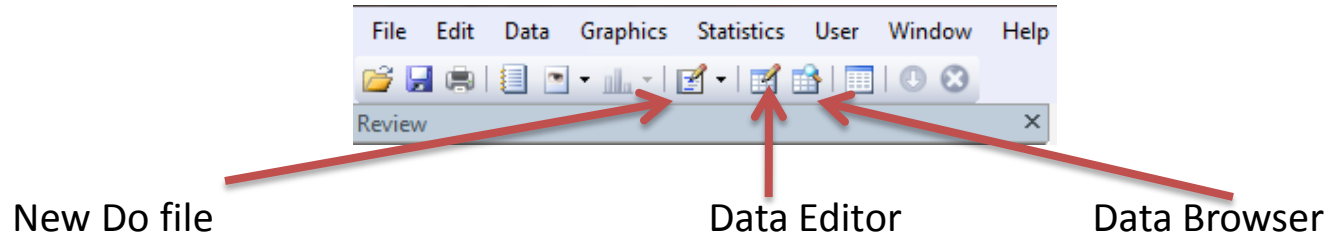
Name	Label
year	Year
i_iso3	Exporter ISO3 Code
i_iso3	Importer ISO3 Code
i_country	Exporting country
i_country	Importing country
v	Bilateral imports (US\$)
Inv	
i_aft	Aid for Trade (AFT) (current US\$)
i_llaft	1-year lag
i_llaft	ln(i_llaft)
i_llaft	ln(i_llaft)
i_oda	Official Development Assistance (ODA) (current US\$)
i_llaft	1-year lag

Datasets used in this illustration

- In this illustration of the some of the basic commands of stata, we have used the following datasets:
 - WDI.csv a small subset of the World Development Indicators
 - WB_ES_Firms.dta derived from the World Bank Enterprise Survey
 - some created datasets for illustrating merge (data1, data2 and data3)
 - stata's stored datasets for illustrating graphs (sysuse lifeexp)

Do Files

- A do file is a set of Stata Commands typed in a plain text file.
- Press Ctrl+8 to open a Do file. Or Open it from the Stata Window



- To run a stata command in the do file, select the command lines, and press Ctrl+D. Or, press the execute button.
- Always use a do file

Commonly used commands at the beginning of a do file: Defining the Directory

- It is a good practice to define your own working directory first. It helps greatly when working in a collaboration.
- The syntax is as following:
 - **global name = "folder directory"**

For Example:

- **global gravity = "D:\Gravity\stata"** /* Put your file destination within "" */

Once we have defined the main directory (here *gravity*), we can define the sub-directories easily:

- **global data = "\$gravity\data"**
- **global do_files = "\$gravity\do_files"**
- **global results = "\$gravity\results"**

Commonly used commands at the beginning of a do file

clear all	/* clears all data in the current Stata session */
set more off, perm	/* shows the full result at once without any break */
capture log close	/* If there is any open log file, it will close that */
cd " <i>directory</i> "	/* sets the directory, e.g. cd "\$data" */
log using " <i>filename</i> ", replace	/* opens a new log file */
use <i>dataset.dta</i> , replace	/* open dataset in Stata format (.dta) */

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_3344

