

The Practical Guide to the Economic Analysis of Non-Tariff Measures' website contains the material needed to perform the applications and exercises of chapters 2, 3 and 4 of the Practical Guide to the Economic Analysis of Non-Tariff Measures.

This readme file is divided into three parts. Part I concerns the installation of the material necessary for running the applications and exercises. Part II describes the organization of the material. Part III discusses some technical issues.

PART I. INSTALLATION

The Practical Guide to the Economic Analysis of Non-Tariff Measures' website contains the present readme.pdf file (link at "How to use the application and exercise files"), which should be carefully read before extracting the material and starting to work with Stata. Under the "Book" tab you will find the pdf version of the Practical Guide to the Economic Analysis of Non-Tariff Measures and links to each chapter.

The first thing to do is to extract the files needed to perform the applications and exercises of chapters 1 and 2 in Stata. If you use a Windows-based computer, read point 1.a and skip point 1.b. If you use a Macintosh-based computer, read point 1.b and skip point 1.a.

1.a [Windows users] There are two options:

- i. Bulk download. Under the "Book" tab, click on "Download application files", then click on the "Save as" option and save the folder to a computer drive of your choice. In this case, the folder will be zipped. To keep the correct file paths, you must choose the "extract" function of the unzip software.
- ii. Chapter-by-chapter download. Under each chapter's tab, click on "Download application files", then click on the "Save as" option and save the folder to a computer drive of your choice. In this case, the folder will be zipped (as above, the "extract" function must be used to keep the correct file paths).

1.b [Macintosh users] There are two options:

- i. Bulk download. Under the "Book" tab, click on "Download application files". The download of the whole folder "A Practical Guide to NTM" will start automatically. Upon completion of the download, copy the folder to your home directory (the one indicated with a stylized house in the finder). If your name is Tom Smith, your home directory is most likely called "tomsmith". Do not attempt to click on "Install all application files", because this extraction only works on Windows-based computers.
- ii. Chapter-by-chapter download. Under each chapter's tab, click "Download application files". The download of the chapter's subfolder "A Practical Guide to NTM to TPA/ChapterX", where X is the chapter of your choice, will start automatically. Upon completion of the download, copy the folder to your home directory. Do not attempt to click on "Install application files", because this extraction only works on Windows-based computers.

PART II: DESCRIPTION OF THE MATERIAL

2 After completing Part I above, the general folder "A Practical Guide to NTM" will contain subfolders for each chapter:

- "A Practical Guide to NTM/Chapter2"
- "A Practical Guide to NTM/Chapter3"
- "A Practical Guide to NTM/Chapter4"

In the above Practical Guide to NTM folders, there are Stata applications concerning chapters 2 to 5. The folder for each chapter contains all the datasets needed for all applications, the Stata do-files needed to perform each application and a Application*_script.pdf file. Before running any of these do-files, you need to read carefully and follow the instructions in the Application*_script.pdf file.

PART III. PRACTICALITIES

3 Some applications and exercises require a relatively large computational capacity. In such cases, the Stata do-file contains in one of the first lines the command: `"set memory 500m"`. This amount of memory should normally be allocated if you are working on a computer with a modern processor and 2 or more GB RAM.

If your operating system refuses to provide memory (error message `"op. sys. refuses to provide memory"`), however, try reducing the amount of memory, for instance typing `"set memory 400m"`. If you are working with Stata 12 or a more recent version, the `"set memory"` command is redundant and you should not get any error message.

4 All applications and exercises have been run by the authors of the Practicla Guide to the economic Analysis of NTMs with Stata 12, Stata 13 and Stata 14 for Windows and on Stata 13 and Stata 14 for Macintosh.

5 You may want to use additional packages. To install an additional package, open Stata and type `"findit 'package'"` – where 'package' is the name of the package needed (for instance, ppml) – then click on the linked package name and follow the instructions.

Note that some additional ado files can also be downloaded from the TPA home pages of Volume 1 and Volume2. The available files need to be installed in your "ado/plus" directory, under the subdirectory corresponding to the first letter of the command. For instance, if your "ado/plus" directory is `"C:/ado/plus"`, both `ppml.ado` and `ppml_panel_sg.ado` commands need to be installed under `"C:/ado/plus/p"` . To check the location of your "ado/plus" directory, open Stata and type `"sysdir"`.

Installation directly from Stata with the `"findit"` command, or `". ssc install"` should be preferred, and you should opt for the manual installation just described only if Stata cannot connect to the Internet.