

INSTALLATION INSTRUCTIONS

Computational Statistics Toolbox Examples - Exercises Windows Version

1. First download the required **CompStats.zip** file from the website and save it in a temporary file of your choice.
2. This file contains 3 **.zip** files: **CSTool.zip**, **Exercises.zip** and **Examples.zip**. Unzip these files to some directory of your choice.
3. The last two files contain the MATLAB code for examples and exercises in the book *Computational Statistics Handbook with MATLAB* by Wendy and Angel Martinez (CRC Press). Unzip these files to a directory of your choosing.
4. The following outlines the steps to install the toolbox in MATLAB (PC-Windows version). Make a new directory under your current MATLAB toolbox installation. In most cases, this would be:

c:\matlabR12\toolbox\compstats

5. Double-click **CSTool.zip** to unzip the file and extract files to the above directory. Note that you could also create this new directory in the unzipping process.
6. The search path for MATLAB is kept in the **pathdef.m** file. By default, it is stored in the following directory:

c:\matlabR12\toolbox\local

Before starting MATLAB, open the **pathdef.m** using any text editor. One way to do this is to double-click on the file from Windows Explorer. This will open the file in the MATLAB text editor. Add the new directory

matlabroot, '\toolbox\compstats:', ...

to the path as follows:

```
p = [...  
matlabroot, '\toolbox\matlab\general;', ...  
matlabroot, '\toolbox\matlab\ops;', ...  
matlabroot, '\toolbox\matlab\lang;', ...  
matlabroot, '\toolbox\matlab\elmat;', ...  
matlabroot, '\toolbox\matlab\elfun;', ...
```

```
matlabroot, '\toolbox\matlab\specfun;', ...
matlabroot, '\toolbox\matlab\matfun;', ...
matlabroot, '\toolbox\matlab\datafun;', ...
matlabroot, '\toolbox\matlab\audio;', ...
matlabroot, '\toolbox\matlab\polyfun;', ...
matlabroot, '\toolbox\matlab\funfun;', ...
matlabroot, '\toolbox\matlab\sparsfun;', ...
matlabroot, '\toolbox\matlab\graph2d;', ...
matlabroot, '\toolbox\matlab\graph3d;', ...
matlabroot, '\toolbox\matlab\specgraph;', ...
matlabroot, '\toolbox\matlab\graphics;', ...
matlabroot, '\toolbox\matlab\uitools;', ...
matlabroot, '\toolbox\matlab\strfun;', ...
matlabroot, '\toolbox\matlab\iofun;', ...
matlabroot, '\toolbox\matlab\timefun;', ...
matlabroot, '\toolbox\matlab\datatypes;', ...
matlabroot, '\toolbox\matlab\verctrl;', ...
matlabroot, '\toolbox\matlab\winfun;', ...
matlabroot, '\toolbox\matlab\demos;', ...
matlabroot, '\toolbox\local;', ...
matlabroot, '\toolbox\stats;', ...
matlabroot, '\toolbox\compiler;', ...
% NOTE: THE FOLLOWING IS THE LINE YOU SHOULD ADD:
matlabroot, '\toolbox\compstats;', ...
matlabroot, '\work;', ...

...

];
```

7. Close and save the file. Start MATLAB. Type **helpwin** at the command line to bring up the Help Browser. Click on compstats for a list of the available functions in the Computational Statistics Toolbox.

ALTERNATIVE to Step 6:

- A. Start MATLAB.
- B. Start the **Set Path** dialog from the **File** menu in the **MATLAB Command Window**.
- C. Add the new directory for the Computational Statistics Toolbox to the path. Hit the **Save** button to permanently save your changes to the **pathdef.m** file.
- D. Close MATLAB and restart to see changes in the Help files.