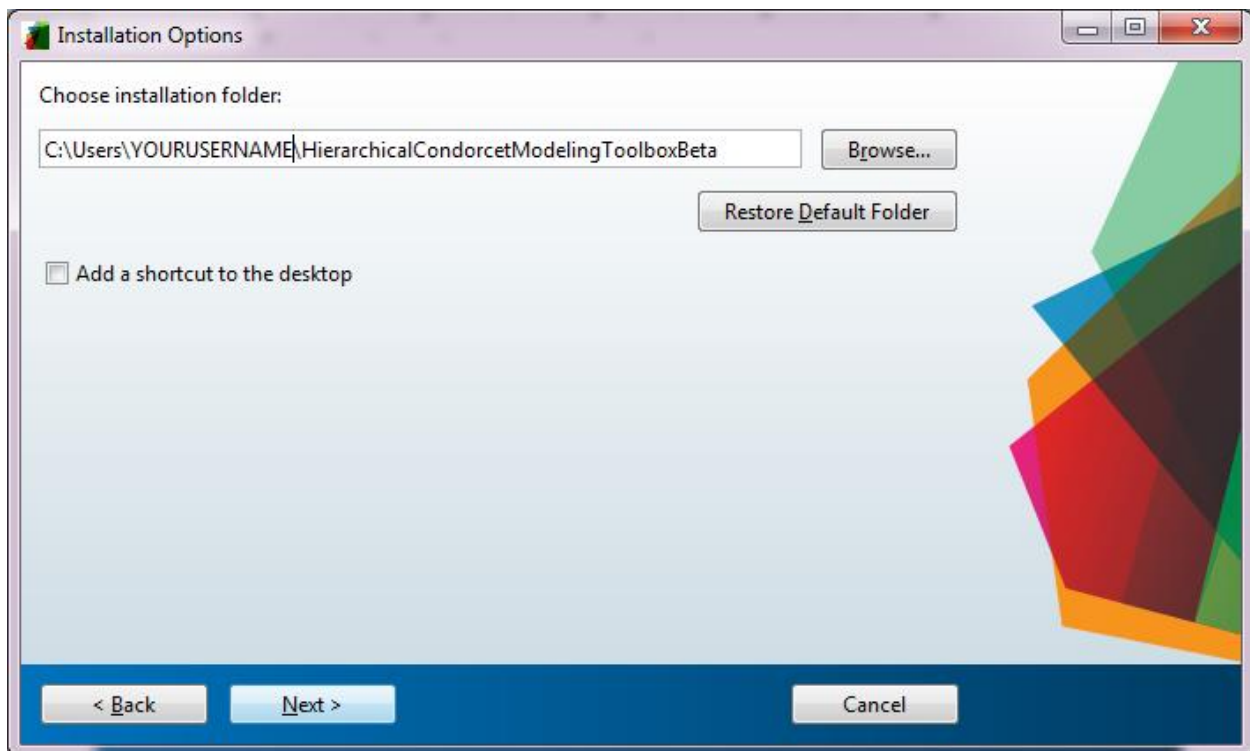


4-steps to install HCMT on Windows

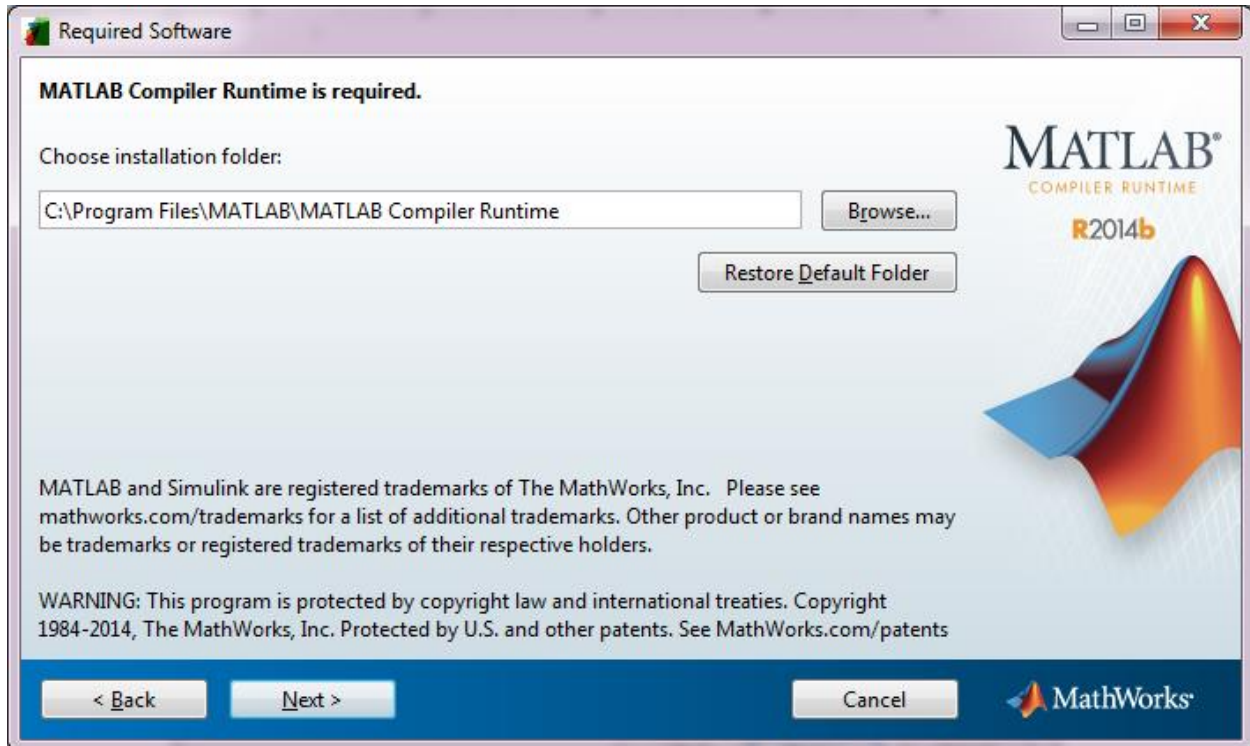
1. Click on MyAppInstaller_web.exe to the start setup wizard to install the Hierarchical Condorcet Modeling Toolbox (HCMT) and MATLAB Compiler Runtime that is needed to run the toolbox (this program will be running in the background).
2. **Please do not select the default option of installing the program into the Program Files.**

When choosing an installation location, please **select one that is under your user setting**. As shown below, this typically means creating a folder somewhere after your username in the display set. Create the folder if prompted. You can select any name for your installation folder, and make sure you remember what it is and where it is.

Please do not create a shortcut (Start Menu or Windows Explorer will be needed to open the program, see later).



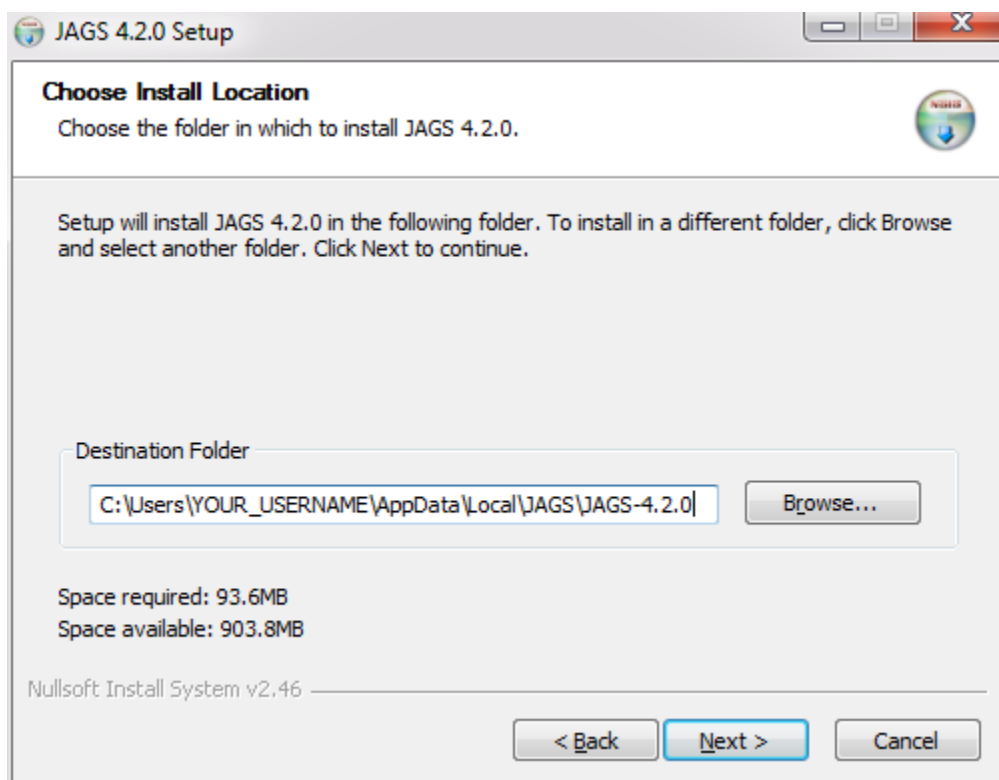
3. Install MATLAB Compiler Runtime in the default location. With this program it is okay to install it into the Program Files.



4. Click on JAGS-4.2.0.exe file to start setup wizard to install JAGS.

JAGS is an open source software and can also be downloaded from mcmc-jags.sourceforge.net/. However, the current version of the HCMT toolbox only works with JAGS-4.2.0.exe.

Follow the prompts to install JAGS. The screenshot below shows the path where JAGS would come up as default in most cases on Windows, with 'YOUR_USERNAME' updated to that of the user's. If this path does not come up as default please make sure you change the Destination Folder to the one described below (with 'YOUR_USERNAME' updated).



Now you are ready to use HCMT.

Open HCMT from the Start menu by starting to type in its name (HierarchicalCondorcetModelingToolbox) or use Windows Explorer to go to the program's folder and double click on HierarchicalCondorcetModelingToolboxForWindows.exe

There are data sets provided in the 'data sets' folder for getting practice with the toolbox. The original analysis for these data sets are described in:

1. Data sets starting with Psychometrika: Oravecz, Z., Anders, R. & Batchelder, W. (2015). Hierarchical Bayesian modeling for test theory without an answer key. Psychometrika, 80, 341-364.
2. Data sets starting with GSS: Oravecz, Z., Faust, K. & Batchelder, W. (2014). An extended Cultural Consensus Theory model to account for cognitive processes for decision making in social surveys. Sociological Methodology, 44, 185-228.

QUICK DEBUG:

If the user interface (green window) comes up but after pushing the Estimate button nothing happens (i.e., no message saying 'Running chains'), that means that JAGS was not installed properly. Please go back to Step 4 and make sure that the instructions are followed.

If still experiencing error, send a screenshot of the command shell (window with black background) to this address: zita@psu.edu

Enjoy consensus modeling!