Detailed Instructions for Installation of metRology for Microsoft Excel

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Basics

- metRology for Microsoft Excel requires the open-source statistical software R. If you do not already have R on your computer, the installation file will take you to the correct link to install it.
- Alternatively save the file at http://cran.rstudio.com/bin/windows/base/release.htm and then double click it to install R.
- You can accept all of the default suggestions when you run the R install script.

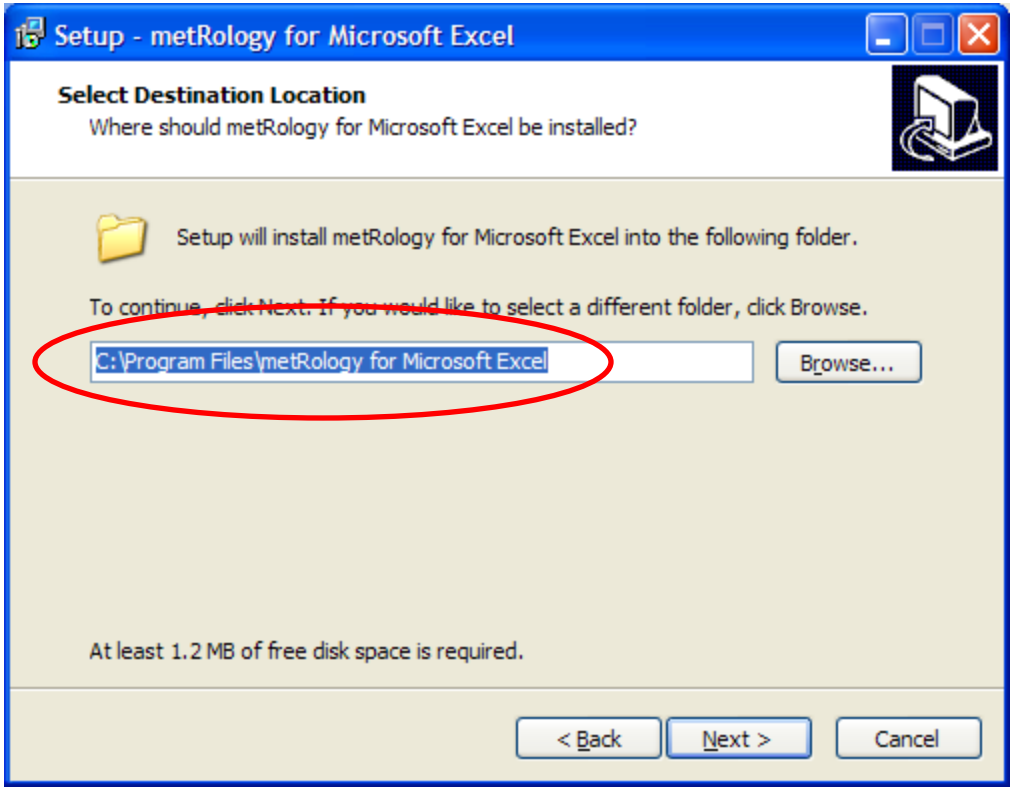
Basics Continued

- After installing R, double click on the file metRology-for-Microsoft-Excel-v1.01-setup.exe to configure R and install the user interface.
- You can generally use the defaults throughout this install as well.
- One potential exception is the choice of installation directory for metRology for Microsoft Excel. Make sure it is installed in

C:\Program Files\metRology for Microsoft Excel

Potential Exception to Use of Defaults During Install

- You are most likely to find the installation script suggesting an alternative installation location if you have a 64-bit machine. If so, just delete the " (x86)" in the window at right during the install



Configuring Excel

- When you install metRology for Microsoft Excel, the installation script will most likely open Excel during the install and a menu will appear that asks you to enable content or macros.
- Please click enable to allow installation of the Excel Add-in used to link Excel and R.
- After you enable the content, Excel will close automatically and the installation will finish.

Testing the Software

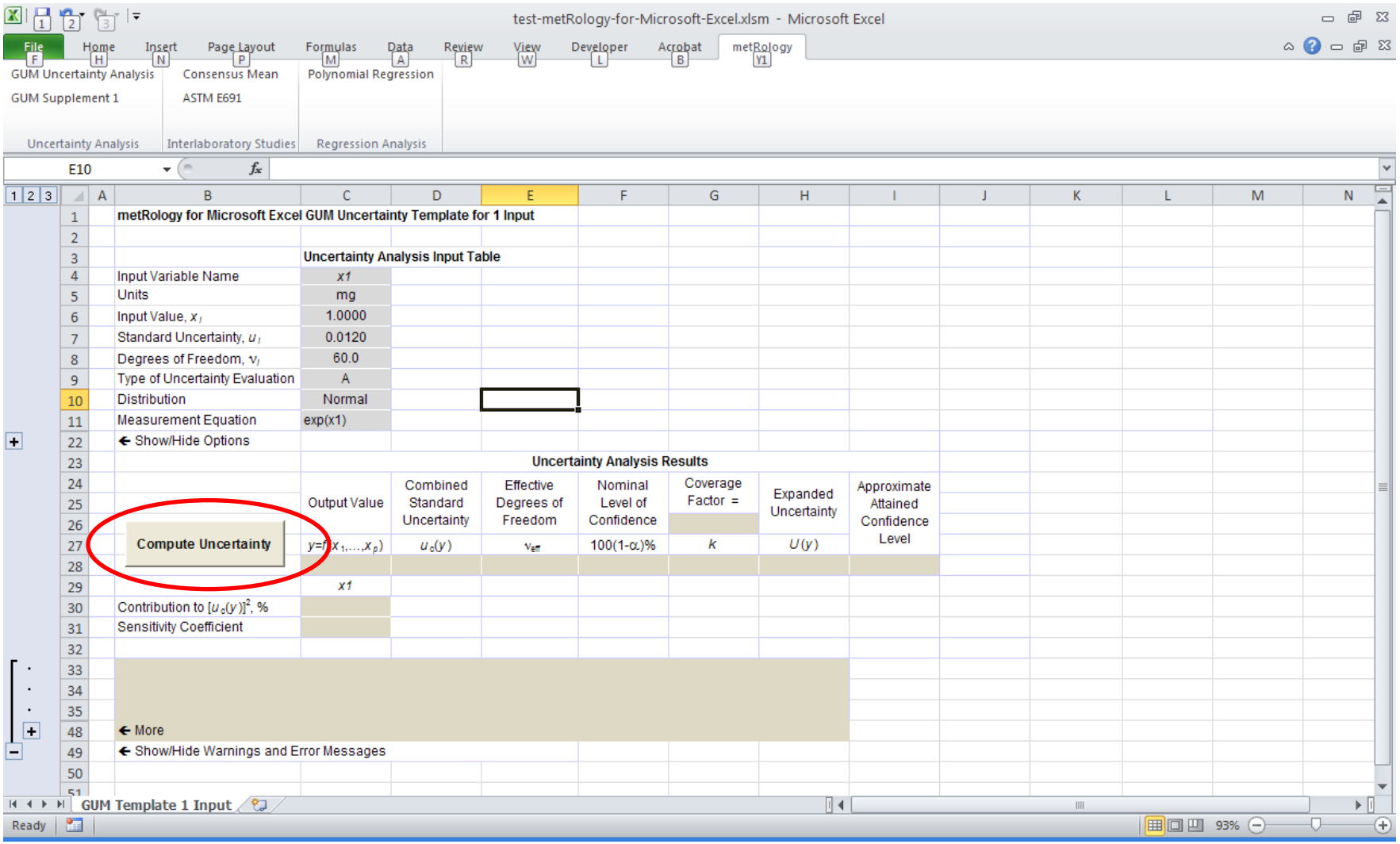
- After completing the installation first reboot your computer and then you can run a test to make sure everything is working using one of the versions of the file

  test-metRology-for-Microsoft-Excel.xls(m).

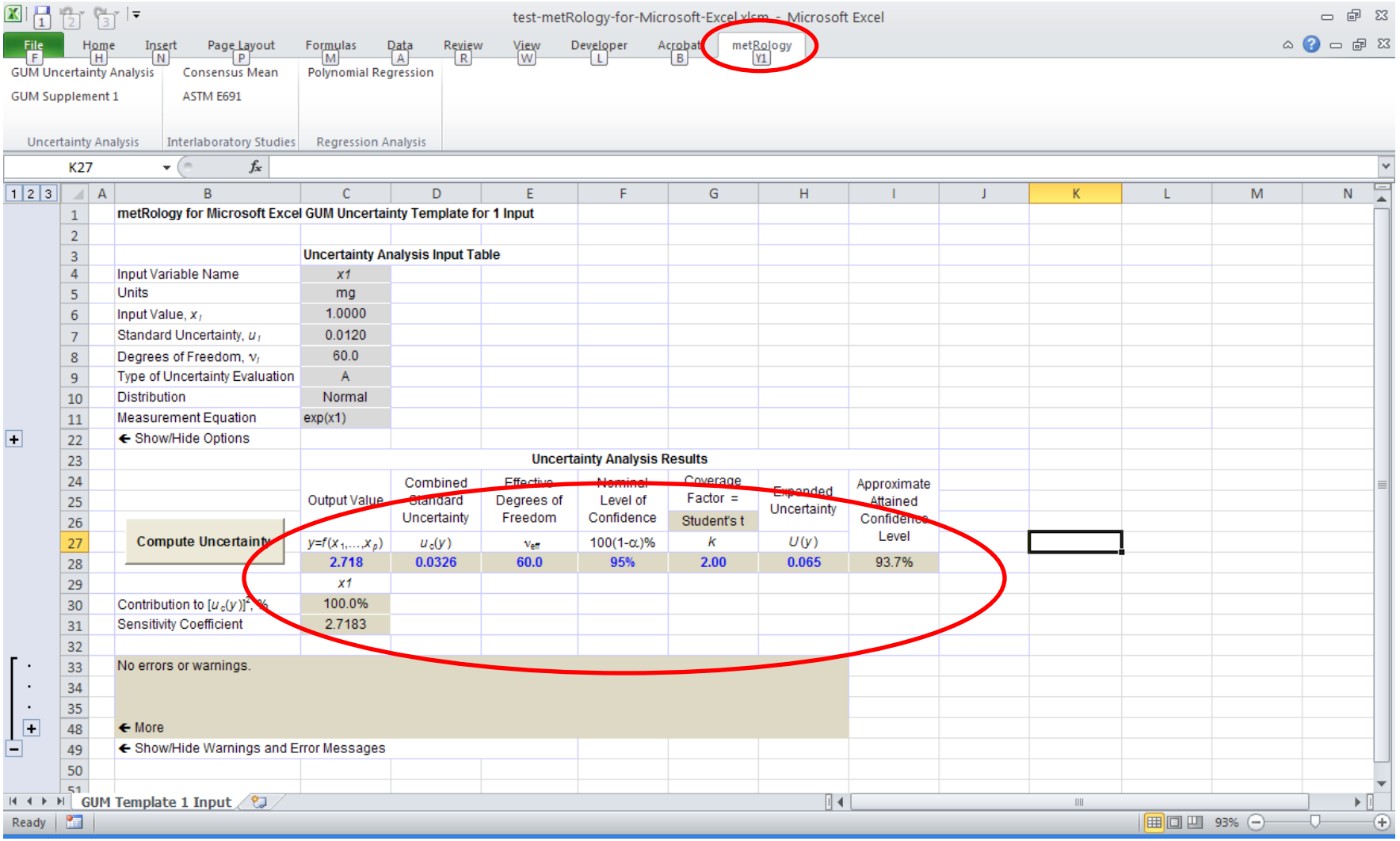
  – use the xls file if you have Excel 2003
  – use the xlsm file if you have Excel 2007 or 2010

- To complete the test open the appropriate test file with Excel, then click the button labeled “Compute Uncertainty”. You should also see a menu item named “metRology” on the menu bar.

Test File – Push Button Circled in Red



Successful Test Results



More on Test Results and Final Notes

- The numbers in the output area of the test file do not need to match the screenshot exactly
- As long as there are numbers and no apparent errors, all should be well