R: Introduction to Stata Users

Instructor

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**Downloading and Installing instructions:**

1. Downloading and Installing R

Click here: [http://ftp.ussg.iu.edu/CRAN/](Downloading%20and%20Installing%20R%20Click%20here:%20http:/ftp.ussg.iu.edu/CRAN/%201.%20If%20you%20have%20Windows:%20(a)%20Click%20on%20“Download%20R%20for%20Windows”%20(b)%20Click%20on%20“base”%20(1st%20link)%20(c)%20Click%20on%20“Download%20R%203.0.1%20for%20Windows”.%20%5bThis%20page%20also%20includes%20a%20FAQ%20that%20provide%20useful%20background%20information%5d%20i.%20This%20will%20download%20an%20.exe%20file,%20named%20as%20R-3.0.1-win.exe.%20(In%20Firefox,%20to%20find%20where%20the%20file%20has%20been%20downloaded,%20right-%20click%20on%20the%20“download%20complete”%20icon%20that%20should%20appear)%20ii.%20Double-click%20on%20the%20.exe%20file%20and%20follow%20the%20instructions.%20The%20default%20installation%20settings%20are%20fine.%20The%20installation%20will%20automatically%20create%20icons%20for%20both%20the%2032-bit%20andb64-bit%20versions%20on%20your%20desktop.%20Don’t%20worry%20about%20this.%202.%20If%20you%20have%20Mac%20(OS%20X%2010.6%20or%20higher):%20(a)%20Click%20on%20“Download%20R%20for%20(Mac)%20OS%20X”%20(b)%20Click%20on%20“R-3.0.1.pkg”%20i.%20This%20will%20download%20a%20package%20file%20ii.%20Double-click%20to%20install%20after%20it%20downloads%20Downloading%20and%20Installing%20R%20Studio%20After%20you%20finish%20installing%20R,%20go%20here:%20www.rstudio.com/ide/download/desktop%20You%20need%20to%20download%20and%20Install%20R%20Studio%20(a%20useful%20graphical%20interface%20for%20using%20R).%20We%20will%20use%20R%20Studio.%201.%20If%20you%20have%20Windows:%20(a)%20Click%20on%20“RStudio%200.97.551%20-%20Windows%20XP/Vista/7”%20to%20download%20the%20.exe%20file%20(b)%20Double-click%20the%20.exe%20file,%20and%20follow%20the%20instructions%20to%20install.%20The%20default%20settings%20are%20fine.%202.%20If%20you%20have%20Mac%20(OS%20X%2010.6%20or%20higher):%20(a)%20Click%20on%20“RStudio%200.97.551%20-%20Mac%20OS%20X%2010.6+(64-bit)”%20(b)%20This%20will%20start%20the%20download%20of%20a%20.dmg%20file%20(c)%20Double-click%20to%20install.)

1. If you have Windows:
   1. Click on “Download R for Windows”
   2. Click on “base” (1st link)
   3. Click on “Download R 3.0.1 for Windows”. [This page also includes a FAQ that provide useful background information]
2. This will download an .exe file, named as R-3.0.1-win.exe. (In Firefox, to find where the file has been downloaded, right- click on the “download complete” icon that should appear)
3. Double-click on the .exe file and follow the instructions. The default installation settings are fine. The installation will automatically create icons for both the 32-bit andb64-bit versions on your desktop. Don’t worry about this.
4. If you have Mac (OS X 10.6 or higher):
   1. Click on “Download R for (Mac) OS X”
   2. Click on “R-3.0.1.pkg”
5. This will download a package file
6. Double-click to install after it downloads
7. Downloading and Installing R Studio

After you finish installing R, go here: www.rstudio.com/ide/download/desktop You need to download and Install R Studio (a useful graphical interface for using R). We will use R Studio.

1. If you have Windows:
   1. Click on “RStudio 0.97.551 - Windows XP/Vista/7” to download the .exe file
   2. Double-click the .exe file, and follow the instructions to install. The default settings are fine.
2. If you have Mac (OS X 10.6 or higher):
   1. Click on “RStudio 0.97.551 - Mac OS X 10.6+(64-bit)”
   2. This will start the download of a .dmg file
   3. Double-click to install.

**Workshop Materials**

<https://github.com/lauragarciamontoya/Introduction-to-R-for-Stata-Users>

1. Download materials
2. In RStudio, or in R console, type install packages (ask neighbors or flag down helpers)
   1. If asked whether you want to compile packages (or something similar) say NO

install.packages(c("tidyverse", "car", "qdapTools"), repos="http://cran.rstudio.com")

