

# Homework 1

Eco 5316 Time Series Econometrics

Spring 2016

Due: Tuesday, January 26, 11.59pm

## Problem 1

Create an account on [www.datacamp.com](http://www.datacamp.com). A free account is going to be enough, but their courses are actually quite fun and worth the small fee they charge for a student account. So, if you are interested in opening a full, paid account you can obtain a discount here: [www.datacamp.com/enroll-student](http://www.datacamp.com/enroll-student).

Take the “Introduction to R” course [www.datacamp.com/courses/free-introduction-to-r](http://www.datacamp.com/courses/free-introduction-to-r).

## Problem 2

Do Chapter 1 of “Reporting with R Markdown” [www.datacamp.com/courses/reporting-with-r-markdown](http://www.datacamp.com/courses/reporting-with-r-markdown). If you have full account on datacamp, also do the remaining chapters in this course, it’s worth it.

## Problem 3

If you have a Mac follow the instructions on this page to install R, RStudio and TeX: [instructions for Mac](#).

If you have a PC install:

- MiKTeX [miktex.org/download](http://miktex.org/download), basic is enough, but during instalation allow to install packages on the fly
- R [cran.r-project.org](http://cran.r-project.org)
- RStudio [www.rstudio.com/products/rstudio/download/](http://www.rstudio.com/products/rstudio/download/)

Afterwards run RStudio and install `knitr` by typing and executing the following line in the console

```
install.packages("knitr")
```

Test that everything works: donwload this R Markdown file [example.zip](#); you should be able to knit it in RStudio to obtain this pdf file [example.pdf](#), this html file [example.html](#), and this docx file [example.docx](#).

Note: If you also want a portable version on your USB flash drive that you can use on any computer, install:

- PortableApps from [portableapps.com/](http://portableapps.com/)
- portable MiKTeX from [miktex.org/portable](http://miktex.org/portable)
- portable R from [sourceforge.net/projects/rportable/files/R-Portable/3.2.3/](http://sourceforge.net/projects/rportable/files/R-Portable/3.2.3/)
- portable RStudio from [sourceforge.net/projects/rportable/files/R-Studio/0.99.441/](http://sourceforge.net/projects/rportable/files/R-Studio/0.99.441/)