

Homework 1

Eco 5316 Time Series Econometrics

Spring 2019

Due: Wednesday, January 16, 11.55pm (except for Problem 4)

Problem 1

Take following two courses on Datacamp

- Introduction to R, www.datacamp.com/courses/free-introduction-to-r
- Working with RStudio IDE (Part 1), www.datacamp.com/courses/working-with-the-rstudio-ide-part-1

Problem 2

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, basic is enough, during installation allow to install packages on the fly
- R cran.r-project.org
- RStudio <https://www.rstudio.com/products/rstudio/download/preview/>

Open RStudio and install `knitr` by typing and executing `install.packages("knitr")` in the console.

Problem 3

Setup Github and GitKraken:

- create a [GitHub](#) account
- download GitKraken, a Git GUI client from www.gitkraken.com/git-client
- install GitKraken, then login using your GitHub account credentials
- send me an email with your GitHub username, in reply you'll receive an email from GitHub with an invitation to contribute to a [TTU-ECO5316](#) repo, accept that invitation

Problem 4

Test that R, RStudio and TeX work on your computer:

- download [example.zip](#), extract it to obtain the R Markdown file `example.Rmd`
- open `example.Rmd` in RStudio and add your name at the end of the second line
- knit the `example.Rmd` file in RStudio to obtain `example.pdf`, `example.html` and `example.doc` files

Please do not attempt the following part before the lecture on Friday, January 18.

- on github.com: fork my [TTU-ECO5316](#) repo to create your remote copy of that repo on github.com
- in GitKraken: select File -> Clone -> GitHub.com, then select your github copy of TTU-ECO5316 and specify the folder on your computer where it should be downloaded
- copy the knitted files `example.pdf`, `example.html`, `example.doc` and also the `example.Rmd` file into HW1 subfolder of your subfolder in the `students` folder of the TTU-ECO5316 repo on your computer
- in GitKraken: create a commit to add these four files to your local repo
- in GitKraken: push the changes to your remote repo