Installing R in LICR

First you need to install the R language -> Install R: <https://cran.rstudio.com>

But the interface is displeasing to work with so we also install RStudio, which is much easier to use and manage/write your code with.

Install RStudio:

* For MacOS (OS <10.13) <https://www.rstudio.com/products/rstudio/older-versions/> (version 1.3.1093)
* For MacOS (OS >10.13) <https://www.rstudio.com/products/rstudio/download/>
* For Windows: <https://www.rstudio.com/products/rstudio/download/>

If mac says file is corrupted > Open Terminal.app > type in

xattr -d com.apple.quarantine /Applications/RStudio.app/

Once RStudio is downloaded, open the app. It is necessary to change a few settings before you start using regularly:

Go to RStudio>Preferences> General

> Save .RData > never

> Code > Saving > default encoding > UTF8

> Appearance> Menlo regular or other (as you wish)

Create your first script: File>New file> R Script

You will now install your first package, type

install.packages(“praise”)

in your script, place the cursor on or in that line and press command+enter (ctrl+enter in windows). Your console will show you the > install.packages(“praise”), then a bunch of text that tells you the package has been installed.

After installing the package, load it so that RStudio knows that it should use it

library(“praise”) (if you go into the package window, you will see that there is a package called praise and that the box next to it is ticked, meaning it is loaded)

and then use the function it brings

praise()

Great job!

Resources for this introductory course:

* Laurent Gatto’s course: bit.ly/WSBIM1207
* RStudio IDE cheatsheets: <https://www.rstudio.com/resources/cheatsheets/>
* Books: <https://www.rstudio.com/resources/books/>
* The drive with all the documents I’ll use during the courses (my scripts, explanation texts etc): <https://drive.google.com/drive/folders/1yUBiT6Df0VhczatWoiBrD4TwpEM_eAFj?usp=sharing>
* My email address, don’t hesitate if you have questions or feedback: [marion.hardy@student.uclouvain.be](mailto:marion.hardy@student.uclouvain.be)