

# INSTALLATION GUIDE

Due before class “R & NetLogo integration” on February 21

For your convenience, files and supplementary material can be found at <https://github.com/ThorbenJensen/ip>

***Please mind:*** As the installations of RnetLogo and NetLogo-R-Extension may challenge your computer skills, make sure to start several days before class. Software installation will not be part of class.

## **NetLogo installation**

→ Install as explained on <https://ccl.northwestern.edu/netlogo/>

## **RStudio installation**

→ Install 'RStudio Desktop' as explained on <http://www.rstudio.com/>

→ Execute test file “r\_demonstration.R” to check if installation was successful.

You should see a scatter plot, a box plot and a linear regression plot.

## **RNetLogo installation**

→ Install as explained on <http://rnetlogo.r-forge.r-project.org/>

→ Execute test file “rnetlogo\_demonstration.R” to check if installation was successful.

You should see a plot.

→ This manual might be interesting for you: <http://cran.r-project.org/web/packages/RNetLogo/RNetLogo.pdf>

## **NetLogo-R-Extension installation**

→ Install as explained on <http://r-ext.sourceforge.net/>

- among other things, you need to set the R\_HOME and JRI\_HOME paths of your machine!

→ Follow the instructions in “rextension\_demonstration.txt”

You should see box plots.

→ You find detailed guidance in the package: `<netlogo-directory>/extensions/r/doc/r-extension.html`