Preparing for the workshop

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Software setup

You will need a working R environment, either R version 3.4.4 or 3.5. You can find it here:

- Windows: https://cran.r-project.org/bin/windows/base/
- MAC: https://cran.r-project.org/bin/macosx/
- Linux: type on terminal sudo apt-get update and then sudo apt-get install r-base

An integrated development environment like Rstudio is useful, you can download it from https://www.rstudio.com/products/rstudio/download2/#download

NB: R version < 3.4.4 might not work, and R version < 3.4 will definitely not work!

Having installed R, please install all the relevant packages before the course. You can do it by running the following code in R:

```
install.packages(c("devtools", "qgam")) # NB qgam must be installed before mgcViz!
library(devtools)
install_github("mfasiolo/mgcViz")
install_github("mfasiolo/mgcFam")
install.packages(c("languageR", "gamair", "e1071"))
```

To test whether all is ok with your installation, run the following code in R, which should produce the image below:

