

Final tips and tricks R training:

- 1) Always make a folder on your computer for every new project → Then create a new R Project in that folder → Then create a new R script in which you write your code
- 2) Make sure that any data you use is in the same folder as your project and script
- 3) Before you start, clean your environment (brush in the environment), and keep your environment structured (if you want to delete an object, use `rm(object_name)`, for example `rm(boys)` to remove)
- 4) Run the necessary libraries at the start of every script → otherwise R does not know which packages you will use
- 5) Remember to save your scripts!
- 6) Make comments, using #
- 7) Cntrl Enter to run code
- 8) Open/View data → know what your data looks like
- 9) Beware of the use of upper and lower case letters
- 10) Beware of typos, a slightly misspelled word can cause many errors
- 11) Make sure to close any bracket you open, like () and []
- 12) Give your data frames and object names that make sense
- 13) Use ? to see the help files → for example ?plot or ?summarise
- 14) **Keep on using R!!!** Otherwise you quickly forget everything you learned
- 15) Do not be afraid to try! Just write code, run it, make changes, run again → you learn most from making mistakes

Link to the website we have used this week, where you can find all the slides and practicals:

<https://femkevdbos.github.io/RGhana>

Link to the article on why visualisations are important (the dinosaur!!):

<https://www.autodesk.com/research/publications/same-stats-different-graphs>