Rmarkdown

Test 1

1 Dive into Rmarkdown

Before we dive into the more complicated stuff, it is important to get to know the basic features of rmarkdown. Open RStudio and test the following features:

Open a new .rmd-file. You get the default file. The code in the first chunk set some chunk-options document-wide. The other chunks show some output from certain data-sets. This file is ideal to explore some of the most important chunk options

Echo

- Knit the file (choose output format as you like - html is probably the fastest option)
- Set `echo = FALSE` and knit
- Compare in both cases the behavior of the second and the third chunk
- Set the *local* chunk option `Include` of the first chunk to TRUE and repeat the the previous steps

Plot options

- Test different settings of `fig.width` and `fig.height` (in inches)
- Test different settings of `fig.align`
- Set a `fig.cap`
- Set a `out.width` and/or `out.height` (e.g. "75%")

Open `Test1B.rmd`

Include

- knit
- add `eval = FALSE` to chunk 2 + knit
- reset and add `include = FALSE` + knit

Cache

- reset
- add `cache = TRUE` to chunk 3 + knit
- knit again
- set `b <- 10` in chunk 3 and knit
- set `a <- 17` in chunk 2 and knit