Reproducible documents

Victoria Bøttker

library(tidyverse)

Warning: pakke 'tidyverse' blev bygget under R version 4.4.3

Warning: pakke 'purrr' blev bygget under R version 4.4.3

Warning: pakke 'lubridate' blev bygget under R version 4.4.3

── Attaching core tidyverse packages ──────────────────────── tidyverse 2.0.0 ──  
✔ dplyr 1.1.4 ✔ readr 2.1.5   
✔ forcats 1.0.0 ✔ stringr 1.5.1   
✔ ggplot2 3.5.1 ✔ tibble 3.2.1   
✔ lubridate 1.9.4 ✔ tidyr 1.3.1.9000  
✔ purrr 1.0.4   
── Conflicts ────────────────────────────────────────── tidyverse\_conflicts() ──  
✖ dplyr::filter() masks stats::filter()  
✖ dplyr::lag() masks stats::lag()  
ℹ Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors

## About me

* Victoria Bøttker
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* Aarhus University hospital, The department of Gynecology and Obstetrics

I am a 25-year-old **medical** student doing a research year at the Department of Gynecology and Obstetrics. The research is about threatened *preterm birth*.

## Simple code

3\*3

[1] 9

## Quarto

Quarto enables you to weave together content and executable code into a finished document. To learn more about Quarto see <https://quarto.org>.

## Running Code

When you click the **Render** button a document will be generated that includes both content and the output of embedded code. You can embed code like this:

1 + 1

[1] 2

You can add options to executable code like this

[1] 4

The echo: false option disables the printing of code (only output is displayed).

2 + 2

[1] 4

weight\_kilos<-100  
weight\_kilos

[1] 100

# Character vector  
c("a", "b", "c")

[1] "a" "b" "c"

# Logic vector  
c(TRUE, FALSE, FALSE)

[1] TRUE FALSE FALSE

# Numeric vector  
c(1, 5, 6)

[1] 1 5 6

# Factor vector (special types of character vectors)  
factor(c("low", "high", "medium", "high"))

[1] low high medium high   
Levels: high low medium

head(airquality)

Ozone Solar.R Wind Temp Month Day  
1 41 190 7.4 67 5 1  
2 36 118 8.0 72 5 2  
3 12 149 12.6 74 5 3  
4 18 313 11.5 62 5 4  
5 NA NA 14.3 56 5 5  
6 28 NA 14.9 66 5 6