

# Deutsche Titelseite

Deutsche Endseite

## Report center 501

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# 1 Einleitung

## 2 Methode

## 3 Ergebnisse

### 3.1 Bilder

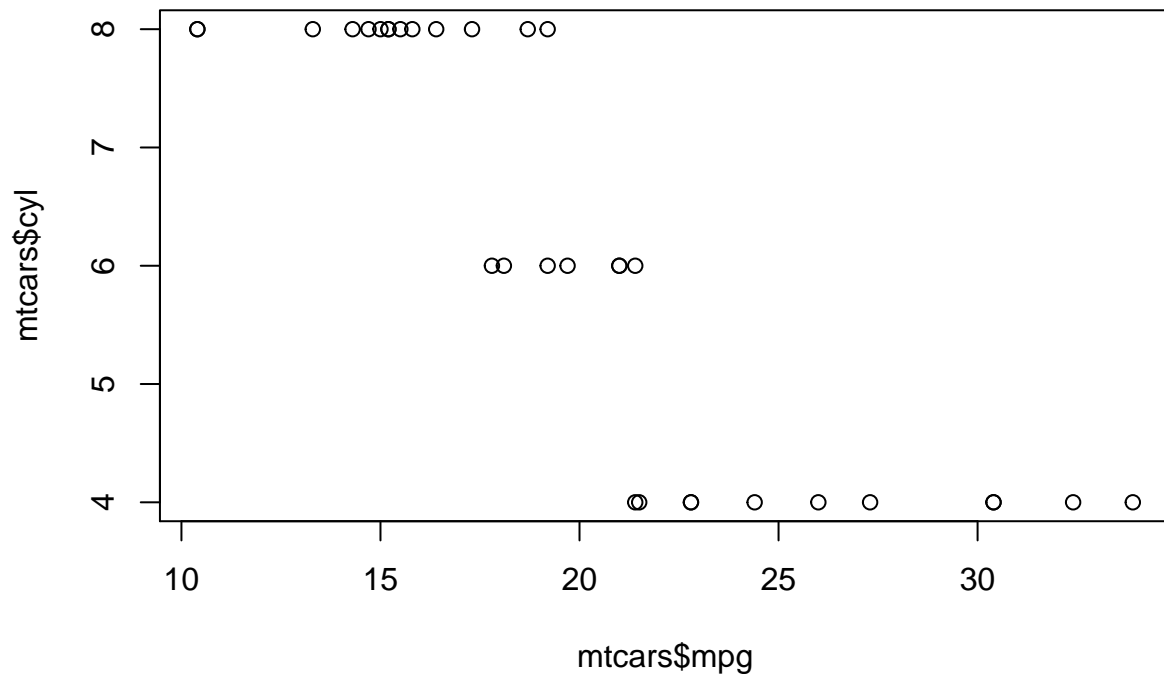


Abbildung 1: a plot

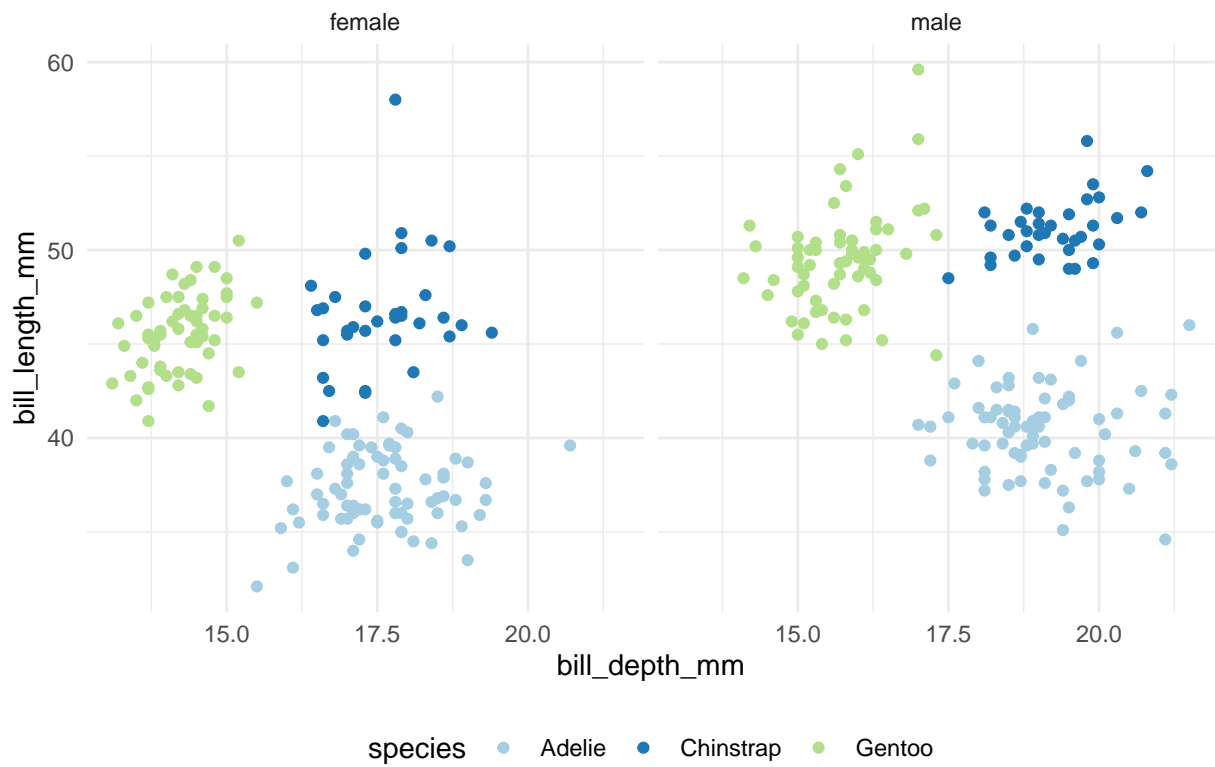
some boring text

### 3.2 Tabellen

Tabelle 1: A table

|                   | mpg  | cyl | disp | hp  | drat | wt    | qsec  | vs | am | gear | carb |
|-------------------|------|-----|------|-----|------|-------|-------|----|----|------|------|
| Mazda RX4         | 21.0 | 6   | 160  | 110 | 3.90 | 2.620 | 16.46 | 0  | 1  | 4    | 4    |
| Mazda RX4 Wag     | 21.0 | 6   | 160  | 110 | 3.90 | 2.875 | 17.02 | 0  | 1  | 4    | 4    |
| Datsun 710        | 22.8 | 4   | 108  | 93  | 3.85 | 2.320 | 18.61 | 1  | 1  | 4    | 1    |
| Hornet 4 Drive    | 21.4 | 6   | 258  | 110 | 3.08 | 3.215 | 19.44 | 1  | 0  | 3    | 1    |
| Hornet Sportabout | 18.7 | 8   | 360  | 175 | 3.15 | 3.440 | 17.02 | 0  | 0  | 3    | 2    |
| Valiant           | 18.1 | 6   | 225  | 105 | 2.76 | 3.460 | 20.22 | 1  | 0  | 3    | 1    |

### 3.3 Mehr Grafiken



data source: palmerpenguins-package



## 4 Appendix 1

```
# the 'setup' chunk is the first chunk and allows you to set global options for  
# later on - i.e. rules for all chunks
```

```
knitr::opts_chunk$set(eval = TRUE, echo = FALSE,  
                       warning = FALSE, warnings = FALSE)
```

```
# second, you load all the packages you need  
suppressPackageStartupMessages(library(tidyverse))  
suppressPackageStartupMessages(library(kableExtra))
```

```
# third, you load your data and source the reporting vectors  
source("R/00_import.R")  
source("R/99_reporting_vectors.R")
```

```
# fourth, you source all the scripts you wrote to prepare your data and results  
source("R/01_prepare.R")
```

```
# next, source the functions you need to use
```

```
# the 'select_chapters' chunk selects the files that will be stitched together  
# via the next chunk i.e. if you want to omit/add chapters, you need to 1) create the chapter within  
# the chapter/ directory, then add the filename in the c()-command below
```

```
chapter_files <- paste0("chapters/",  
                       params$language,  
                       c("-01_intro.Rmd",  
                         "-02_methods.Rmd",  
                         "-03_results.Rmd"))
```

```
# the stitch_chapters-chunk needs to be left empty - through the 'child' command  
# it is specified, what files will be stitched together
```

```
plot(mtcars$mpg, mtcars$cyl)  
kableExtra::kable(head(mtcars), caption = "A table") %>%  
  kableExtra::kable_styling(latex_options = c("hold_position"))
```

```
#  
# n_valid <- function(x) {sum(!is.na(x))}  
#  
# full1 <- as.list(sample_data[ , vec_leadership])  
# filter1 <- as.list(filtered_data[ , vec_leadership])  
#  
# map2(full1, filter1, n_valid)
```

```
ggplot(drop_na(palmerpenguins::penguins),  
       aes(x = bill_depth_mm, y = bill_length_mm, color = species)) +
```

```
geom_point() +  
facet_wrap(~sex) +  
scale_color_brewer(palette = 3, type = "qual") +  
labs(caption = "data source: palmerpenguins-package") +  
theme_minimal() +  
theme(legend.position = "bottom")
```

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