Diagramm_FreudenhammerMassau

FreudenhammerMassau 10 12 2019

```
library(tidyverse)
```

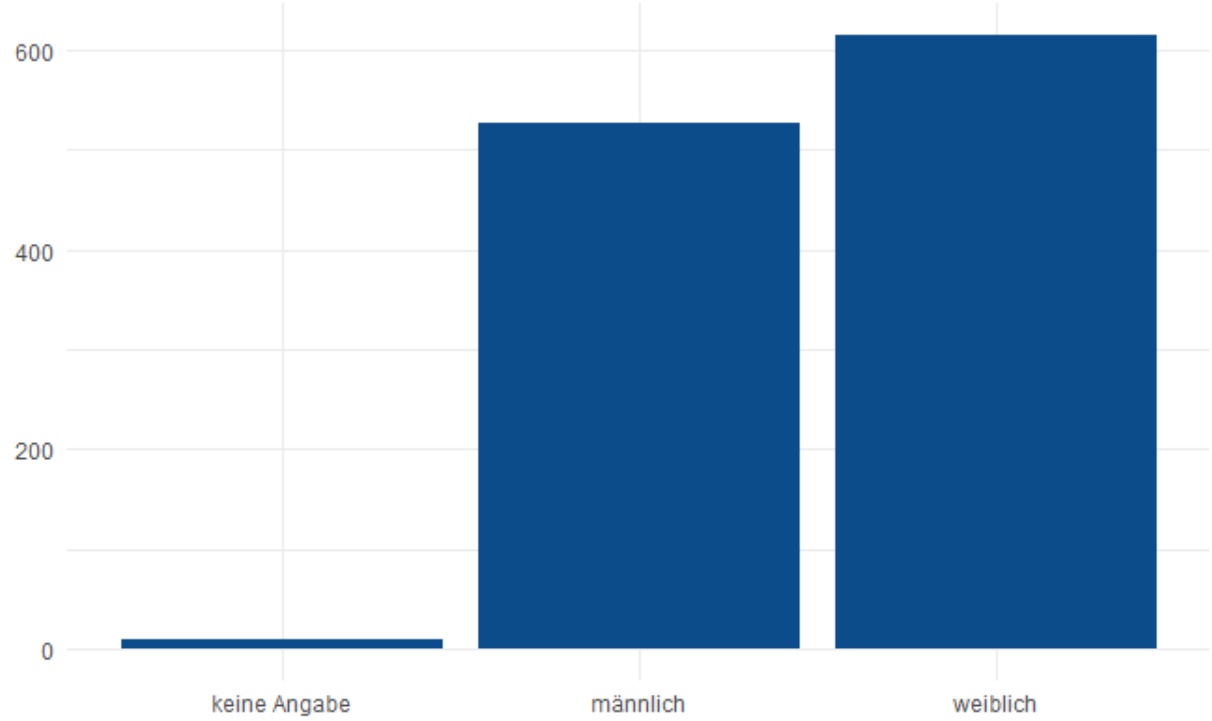
```
## -- Attaching packages ---------------------------------------------------

## v ggplot2 3.2.1     v purrr   0.3.3
## v tibble  2.1.3     v dplyr   0.8.3
## v tidyr   1.0.0     v stringr 1.4.0
## v readr   1.3.1     v forcats 0.4.0

## -- Conflicts ------------------------------------------------------------
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
library(devtools)
```

```
## Loading required package: usethis
```

```
library(plotrix)
library(ggplot2)
library(ggthemes)
datensatz <- readRDS("robo_pflege.rds")
#devtools::install_github("HCIC/r-tools")
#rwthfarben <- hcictools::rwth.colorpalette()
```

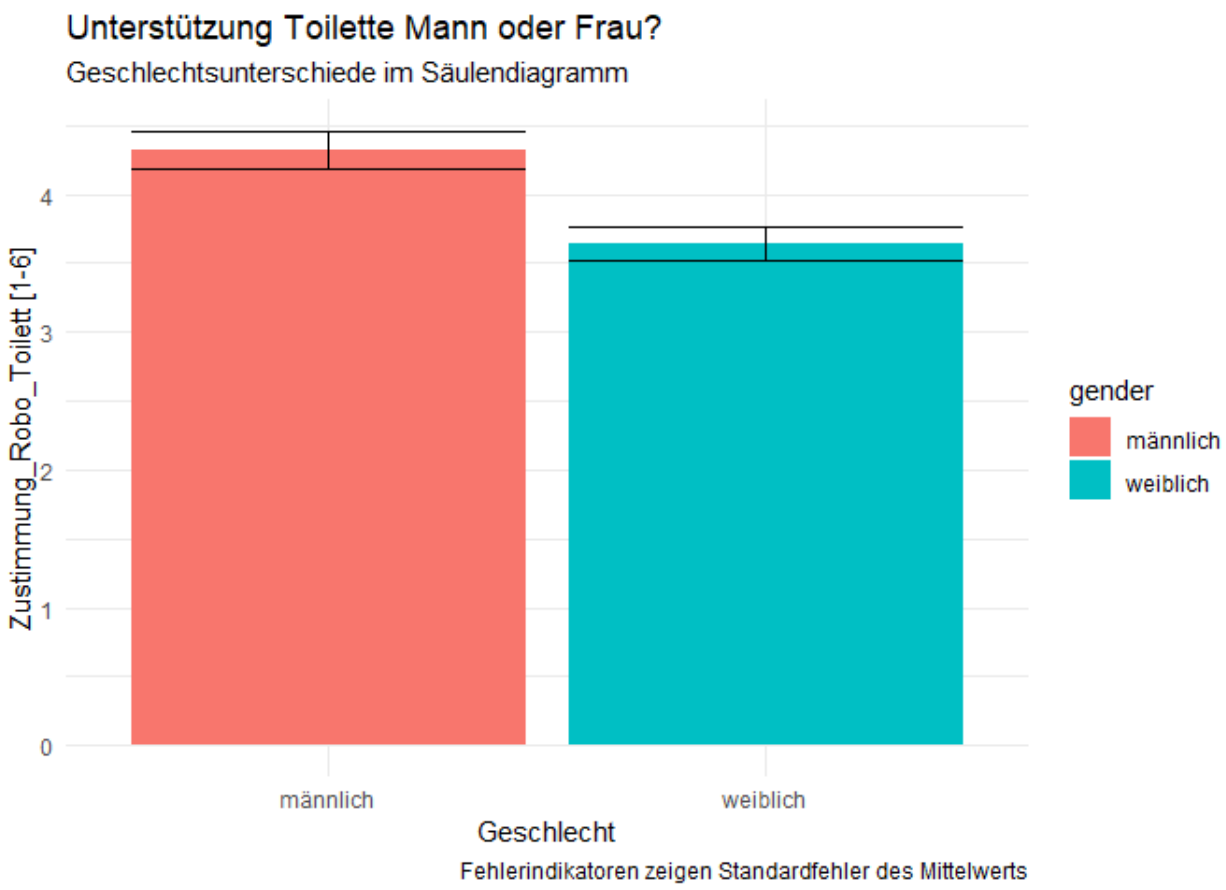
```
ggplot(datensatz) +
 aes(x = gender, weight = robo_toilett) +
 geom_bar(fill = "#0c4c8a") +
 labs(x = " ", y = " ", title = " ", subtitle = " ", caption = " ") +
 theme_minimal()
```



ToDo:

1. richtige Werte
2. korrekte Beschriftungen
3. Fehlerbalken
4. Optik
5. Y-Achse
6. Speichern

```
datensatz %>%
  filter(gender != "keine Angabe") %>%
  group_by(gender) %>%
  summarise(robo_toilett_m = mean(robo_toilett, na.rm = TRUE), robo_toilett_sem =

ggplot() +
 aes(x = gender, weight = robo_toilett_m , ymin = robo_toilett_m-robo_toilett_sem

 geom_bar() +
  geom_errorbar() +
 labs(x = "Geschlecht",
      y = "Zustimmung_Robo_Toilett [1-6]",
      title = "Unterstützung Toilette Mann oder Frau?",
      subtitle = "Geschlechtsunterschiede im Säulendiagramm",
      caption = "Fehlerindikatoren zeigen Standardfehler des Mittelwerts") +
 theme_minimal()
```


Unterstützung Toilette Mann oder Frau?
Geschlechtsunterschiede im Säulendiagramm
Zustimmung_Robo_Toilett [1-6]
0
1
2
3
4
männlich
weiblich
Geschlecht
Fehlerindikatoren zeigen Standardfehler des Mittelwerts
gender
männlich
weiblich