

My Quarto Report

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```
library(tidyverse)
```

```
-- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
v dplyr      1.1.4      v readr      2.1.5
v forcats    1.0.0      v stringr    1.5.1
v ggplot2    3.5.1      v tibble     3.2.1
v lubridate  1.9.3      v tidyr      1.3.1
v purrr      1.0.2
-- Conflicts ----- tidyverse_conflicts() --
x dplyr::filter() masks stats::filter()
x dplyr::lag()     masks stats::lag()
i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become
```

```
library(here)
```

here() starts at /home/bjorn/ownCloud/tudelft/carpentries/workshops/2024-06-20_dc-ldev/workshop

```
interviews <- read_csv(here("data/SAFI_clean.csv"), na = "NULL")
```

Rows: 131 Columns: 14

```
-- Column specification -----
Delimiter: ","
chr  (7): village, respondent_wall_type, memb_assoc, affect_conflicts, items...
dbl  (6): key_ID, no_membrs, years_liv, rooms, liv_count, no_meals
dtm   (1): interview_date
```

```
i Use `spec()` to retrieve the full column specification for this data.
i Specify the column types or set `show_col_types = FALSE` to quiet this message.
```

Title

Heading

Subheading

Subsubheading

Introduction

This is an *introduction*. A **VERY** brief introduction. This text is just filler because I need to show how line breaks work.

Oh yea, we should talk about SAFI.
The dataset.

Materials and methods

The SAFI dataset has the following variables:

- village
 - name of village
- interview__date
 - date of the interview
 - * self-explanatory
- no__members
- years__liv

Here are my favourite variables:

1. no__members
2. village
3. years__liv

Results

```
interviews %>%
  filter(!is.na(memb_assoc)) %>% # remove NAs
  group_by(village, memb_assoc) %>%
  summarise(mean_no_membrs = mean(no_membrs))
```

`summarise()` has grouped output by 'village'. You can override using the `.groups` argument.

```
# A tibble: 6 x 3
# Groups:   village [3]
  village memb_assoc mean_no_membrs
  <chr>    <chr>          <dbl>
1 Chirodzo no           8.06
2 Chirodzo yes          7.82
3 God     no           7.13
4 God     yes            8
5 Ruaca   no           7.18
6 Ruaca   yes           9.5
```