TIMCI: Tool for Integrated Management of Childhood Illness

Cross-country quasi-experimental pre-post study

Final Statistical Analysis Report (Kenya and Senegal)

Version 1.0

Silvia Cicconi

2023-07-30

Contents

[1. R Markdown 1](#_Toc141644286)

[1.1. Test output 1](#_Toc141644287)

[1.1.1. Including Plots 2](#_Toc141644288)

[1.2. Including Tables 2](#_Toc141644289)

# R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <http://rmarkdown.rstudio.com>.

When you click the Knit button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

## Test output

summary(cars)

## speed dist   
## Min. : 4.0 Min. : 2.00   
## 1st Qu.:12.0 1st Qu.: 26.00   
## Median :15.0 Median : 36.00   
## Mean :15.4 Mean : 42.98   
## 3rd Qu.:19.0 3rd Qu.: 56.00   
## Max. :25.0 Max. :120.00

### Including Plots

You can also embed plots, for example:



Note that the echo = FALSE parameter was added to the code chunk to prevent printing of the R code that generated the plot.

# Example

## Including Tables

library(dplyr)

## Warning: package 'dplyr' was built under R version 4.1.3

##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

# extract a subset of the mtcars data  
df <- mtcars %>%  
 mutate(make\_model = row.names(mtcars)) %>%  
 filter(cyl == 4) %>%   
 select(make\_model, mpg, wt) %>%  
 mutate(wt = wt\*1000) %>%  
 arrange(make\_model)

library(knitr)

## Warning: package 'knitr' was built under R version 4.1.3

## Try with knit

kable(df)

|  | **make\_model** | **mpg** | **wt** |
| --- | --- | --- | --- |
| Datsun 710 | Datsun 710 | 22.8 | 2320 |
| Fiat 128 | Fiat 128 | 32.4 | 2200 |
| Fiat X1-9 | Fiat X1-9 | 27.3 | 1935 |
| Honda Civic | Honda Civic | 30.4 | 1615 |
| Lotus Europa | Lotus Europa | 30.4 | 1513 |
| Merc 230 | Merc 230 | 22.8 | 3150 |
| Merc 240D | Merc 240D | 24.4 | 3190 |
| Porsche 914-2 | Porsche 914-2 | 26.0 | 2140 |
| Toyota Corolla | Toyota Corolla | 33.9 | 1835 |
| Toyota Corona | Toyota Corona | 21.5 | 2465 |
| Volvo 142E | Volvo 142E | 21.4 | 2780 |