writePaperInR

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# A header

:toc: true adds a table of contents

## R Markdown (this line will be a header)

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:

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.

# Heading 1

## Heading 2

### Heading 3

#### Heading 4

I love **R** (bold) I love *R* (italics)

# A header linked to text

And a text linked to the header [link to header](#markdown-header)

[link to a website](https://lucidmanager.org/data-science/games-in-r/)

# Lists

1. item 1
2. item 2
3. item 3
4. item 1
   1. use 4 spaces before this for sub-lists
   2. item 2
      1. item 1
      2. item 2
5. item 2

# inserting images

|  |
| --- |
| Figure caption(write this for accessibility) |

Figure caption(write this for accessibility)

# Tables

| Header 1 | Header 2 |
| --- | --- |
| item1 | item2 |

# Code chunks

Without the {r} syntax, this will print the code and not run it.

plot(pressure)

# Download data from webpages

note:

include = FALSE doesn’t display code OR result, but will run code and store variables and results

echo = FALSE doesn’t display code, but will display results

message = FALSE doesn’t display messages generated by code chunk

warning -= FALSE doesn’t display warnings generated by code chunk

download.file(url="https://raw.githubusercontent.com/cambiotraining/reproducibility-training/master/data/gapminder\_data.csv", destfile="data/gapminder\_data.csv")