

# My first replicable Paper

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## Abstract

This is an example on how to make a reproducible paper. We are using R from Rstudio, creating an RSweave document. This is a nice start to create a nice paper and get an A+. The next sections will show the steps taken.

## 1 Introduction

This is my intro to my great paper, I will explain the cool things I can do with my new ‘computational thinking’ powers combined with some Latex. This is my intro to my great paper, I will explain the cool things I can do with my new ‘computational thinking’ powers combined with some Latex. This is my intro to my great paper, I will explain the cool things I can do with my new ‘computational thinking’ powers combined with some Latex. This is my intro to my great paper, I will explain the cool things I can do with my new ‘computational thinking’ powers combined with some Latex.

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## 2 Exploring Data

Sections may use a label<sup>1</sup>. This label is needed for referencing. For example the next section has label *datas*, so you can reference it by writing: As we see in section 2.1.

## 2.1 Exploring Categorical Data

[illegible]

You can see this variable plotted in Figure 1

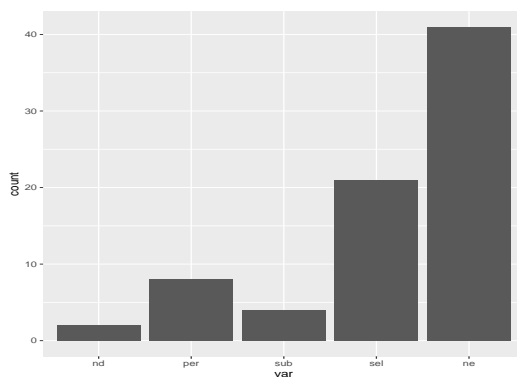


Figure 1: ONI barplot

<sup>1</sup>In fact, you can have a label wherever you think a future reference to that content might be needed.

## 2.2 Exploring Numerical Data

[illegible]

FHF		RWB	
Min.	:10.00	Min.	: 6.38
1st Qu.	:25.25	1st Qu.	:23.60
Median	:49.00	Median	:28.72
Mean	:47.24	Mean	:32.40
3rd Qu.	:63.00	3rd Qu.	:38.50
Max.	:97.00	Max.	:84.83
NA's	:5	NA's	:23

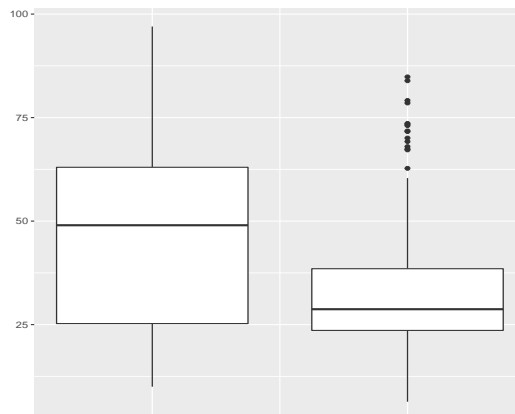


Figure 2: boxplots

Boxplots were introduced by Tuckey (Tukey, John W (1977). Exploratory Data Analysis. Addison-Wesley.)

### 3 Looking for Relationships

[illegible]

### 3.1 Numerical and Categorical

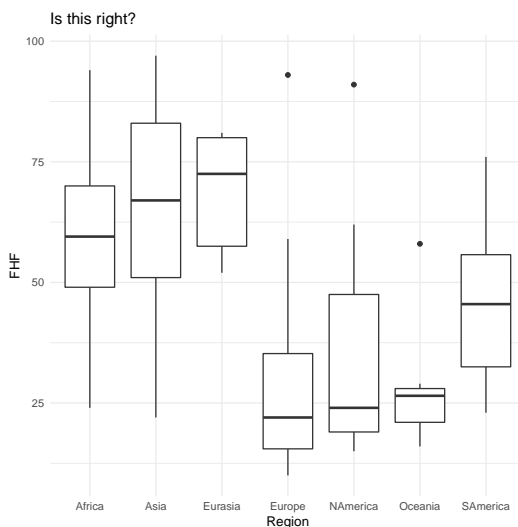


Figure 3: Boxplots: one numerical by a category.

Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a

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### 3.2 Numerical and Numerical

Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work. Here, I continue doing this nice work, I hope you like it and read it. It has been a very hard work.

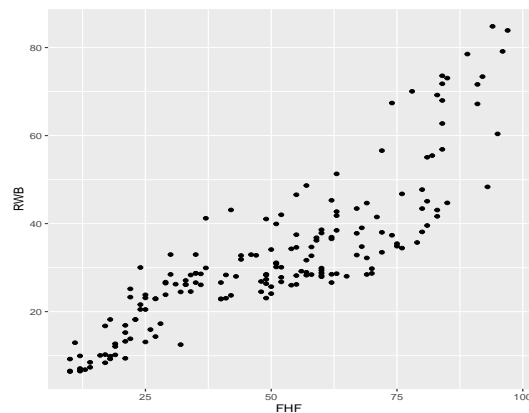


Figure 4: boxplots

The scatter plot is thought to be invented by John Frederick W. Herschel according to this link: <https://qz.com/1235712/the-origins-of-the-scatter-plot-data-visualizations-greatest-invention/>