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 label¹. 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

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. I hope you like it and read it. It has been a very hard work. I hope you like it and read it. It has been a very hard work. I hope you like it and read it. It has been a very hard work. I hope you like it and read it. It has been a very hard work.

You can see this variable plotted in Figure 1

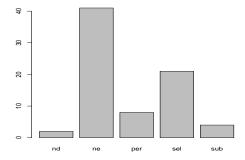


Figure 1: ONI barplot

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

2.2 Exploring Numerical Data

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. I hope you like it and read it. It has been a very hard work.

FH		RWB	
Min.	:10.00	Min.	: 6.38
1st Qu	.:43.50	1st Qu	.:28.22
Median	:61.00	Median	:37.99
Mean	:58.91	Mean	:39.67
3rd Qu	.:80.00	3rd Qu	.:46.85
Max.	:97.00	Max.	:83.90

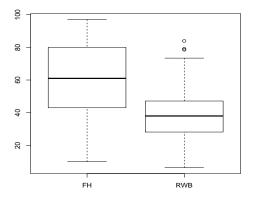


Figure 2: boxplots

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

3 Looking for Relationships

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. I hope you like it and read it. It has been a very hard work. I hope you like it and read it. It has been a very hard work. I hope you like it and read it. It has been a very hard work.

3.1 Numerical and Categorical

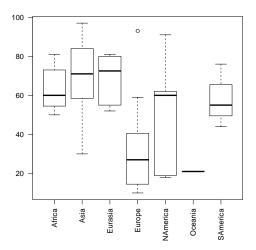


Figure 3: boxplots

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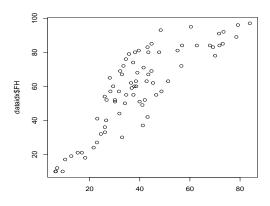


Figure 4: boxplots

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/