

# Projet\_Women\_FIFA\_WC23\_Analysis

2024-04-10

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# 1 Introduction

Blablablabla

## 2 Descriptive data analysis

We begin by interpreting the elements of the data set.  
It is made up of multiple observations with different variables.

### 2.1 Analysis of successfull shots according to country

First, we look at the number of goals and shots in all matches for each team.  
Figure 1 shows a visualization of these results.

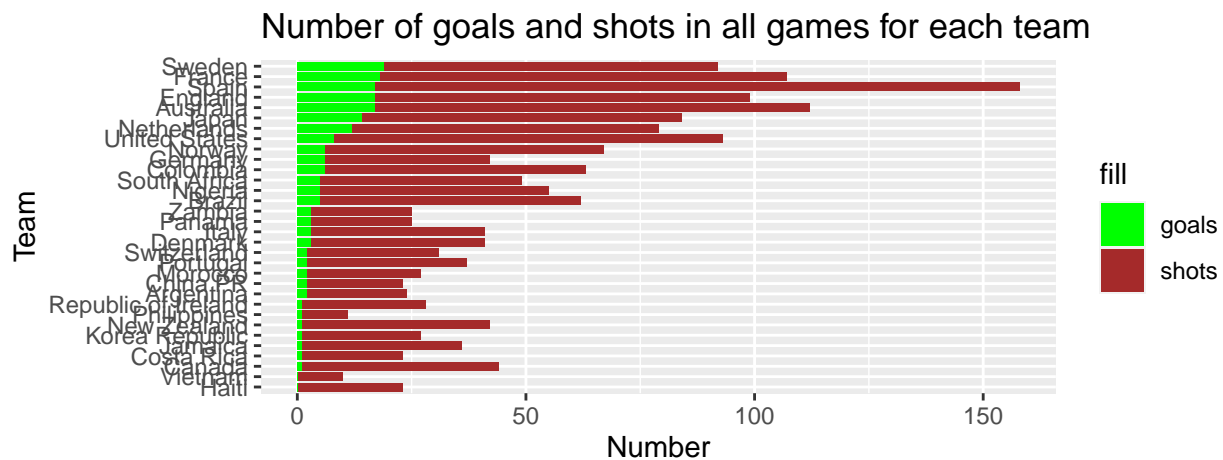


Figure 1: Diagram of the number of goals and shots in all matches for each team

It would be interesting to make this graph on the average number of goals and shots, as some teams have more games than others, distorting the results a little.

Figure 2 shows a visualization of the percentage of shots leading to a goal.

We now would like to focus on France team.  
Figure 3 shows the results.

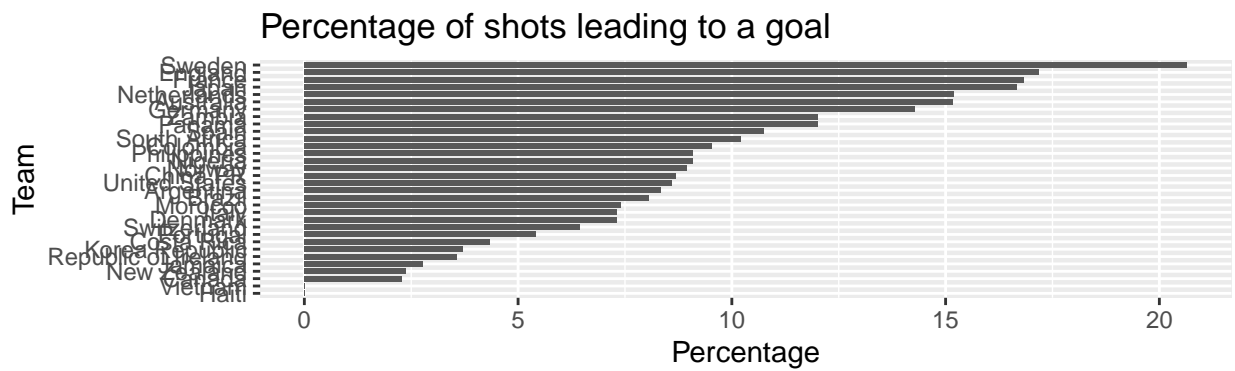


Figure 2: Diagram of the percentage of shots leading to a goal

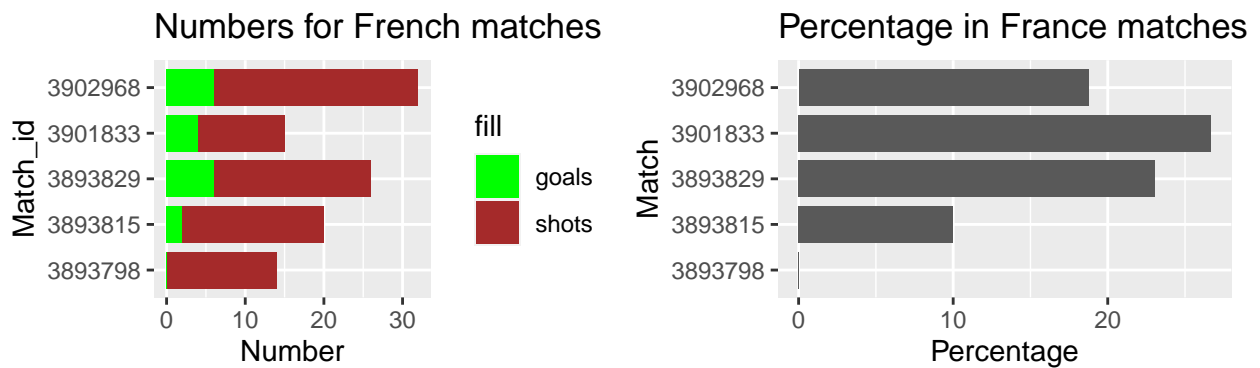


Figure 3: Diagram of the number of shots and goals for each French and percentage

## 2.2 Analysis of successful shots according to different variables

### 2.2.1 According to type of shots

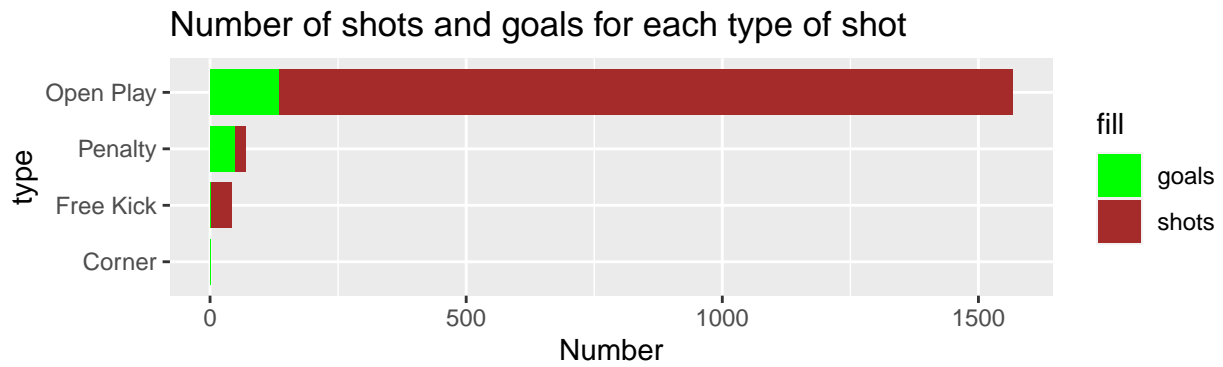


Figure 4: Diagram of the number of shots and goals for each type of shot

### 2.2.2 According to technique of shots

We know would like to see if the technique of shot is significant.

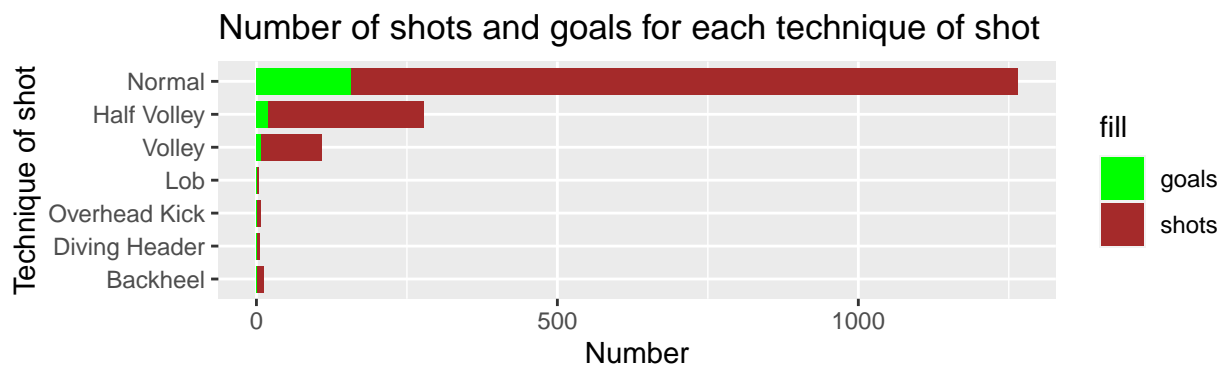
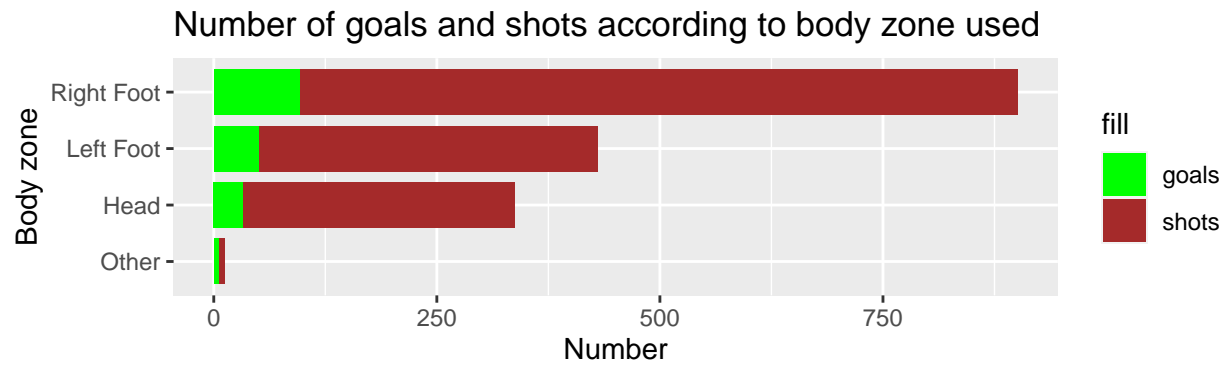


Figure 5: Diagram of the number of shots and goals for each technique of shot

### 2.2.3 According to body zone used



### 3 Models analysis