# Alcohol Consumption

*Raju Adhikari & Mario Alonso Rodriguez*
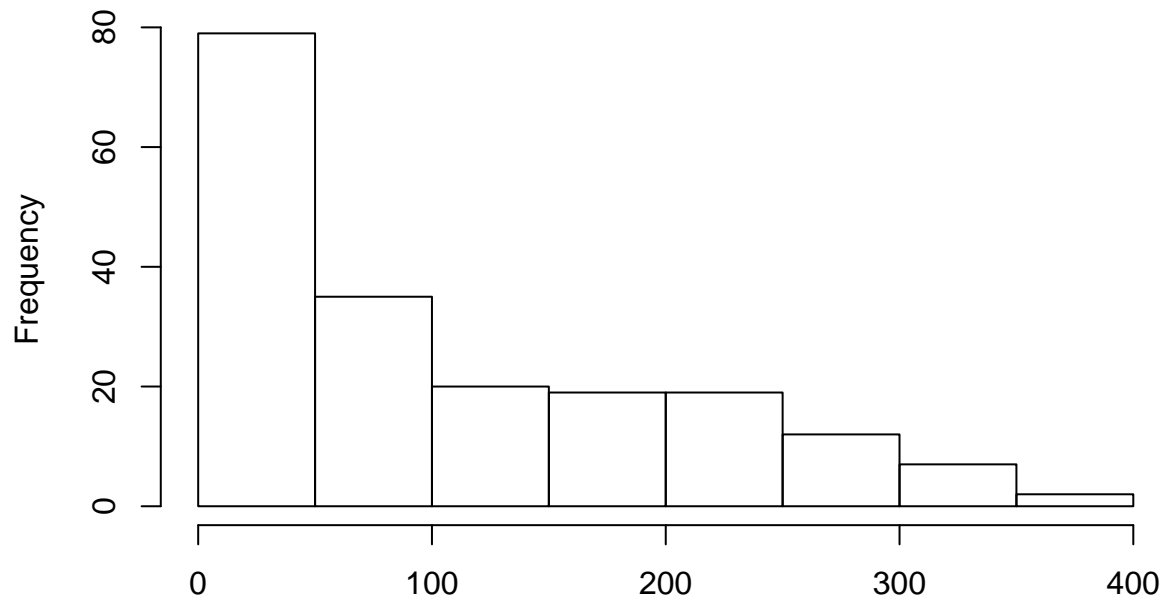
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## Data

This is an assignment that utilizes fivethirtyeight.com's dataset on alcohol consumption in the world. This data is taken from the World Health Organization.

```
##              country      beer_servings    spirit_servings   wine_servings
##  Afghanistan      : 1   Min.   :  0.0    Min.   :  0.00    Min.   :  0.00
##  Albania          : 1   1st Qu.: 20.0    1st Qu.:  4.00    1st Qu.:  1.00
##  Algeria          : 1   Median : 76.0    Median : 56.00    Median :  8.00
##  Andorra          : 1   Mean   :106.2    Mean   : 80.99    Mean   : 49.45
##  Angola           : 1   3rd Qu.:188.0    3rd Qu.:128.00    3rd Qu.: 59.00
##  Antigua & Barbuda: 1   Max.   :376.0    Max.   :438.00    Max.   :370.00
##  (Other)          :187
##  total_litres_of_pure_alcohol
##  Min.   : 0.000
##  1st Qu.: 1.300
##  Median : 4.200
##  Mean   : 4.717
##  3rd Qu.: 7.200
##  Max.   :14.400
##
```

```
## country NA
## beer_servings 106.2
## spirit_servings 81
## wine_servings 49.5
## total_litres_of_pure_alcohol 4.7
```

```
## country 55.9
## beer_servings 101.1
## spirit_servings 88.3
## wine_servings 79.7
## total_litres_of_pure_alcohol 3.8
```

## Histograms

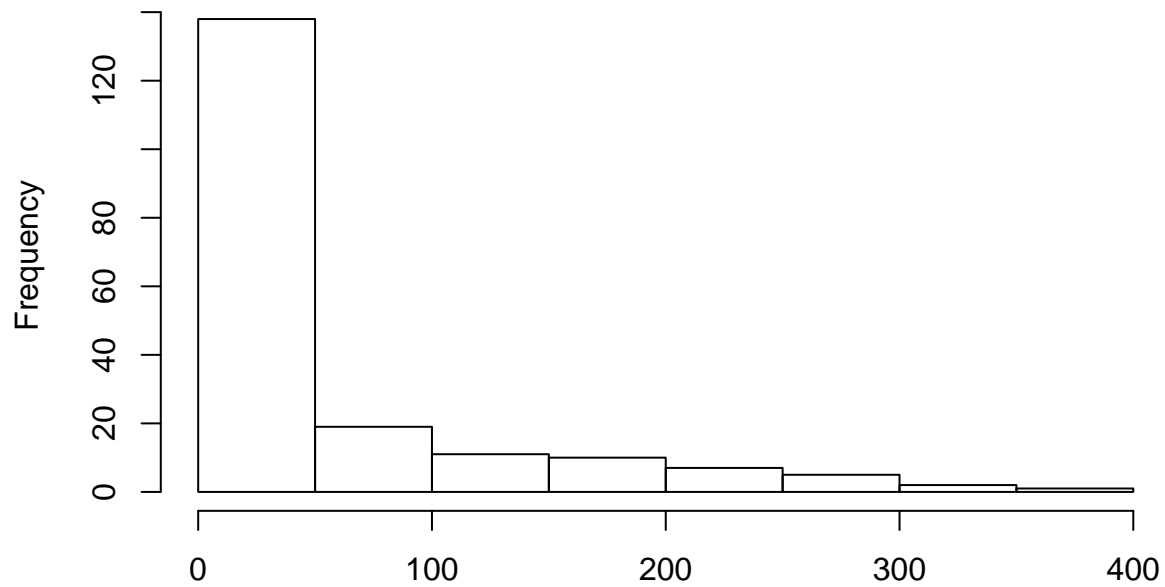Histograms are really usefull to look at the distribution of the data.

**Beer consumption**



Frequency

Number of bottles of beer consumed in 2010
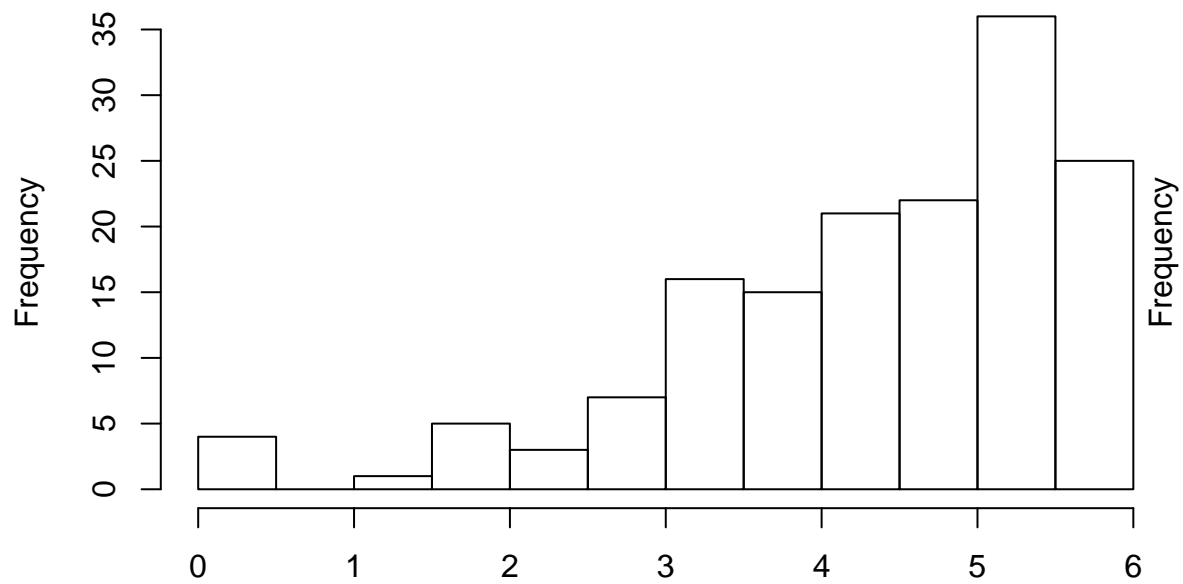
**Wine consumption**



Frequency
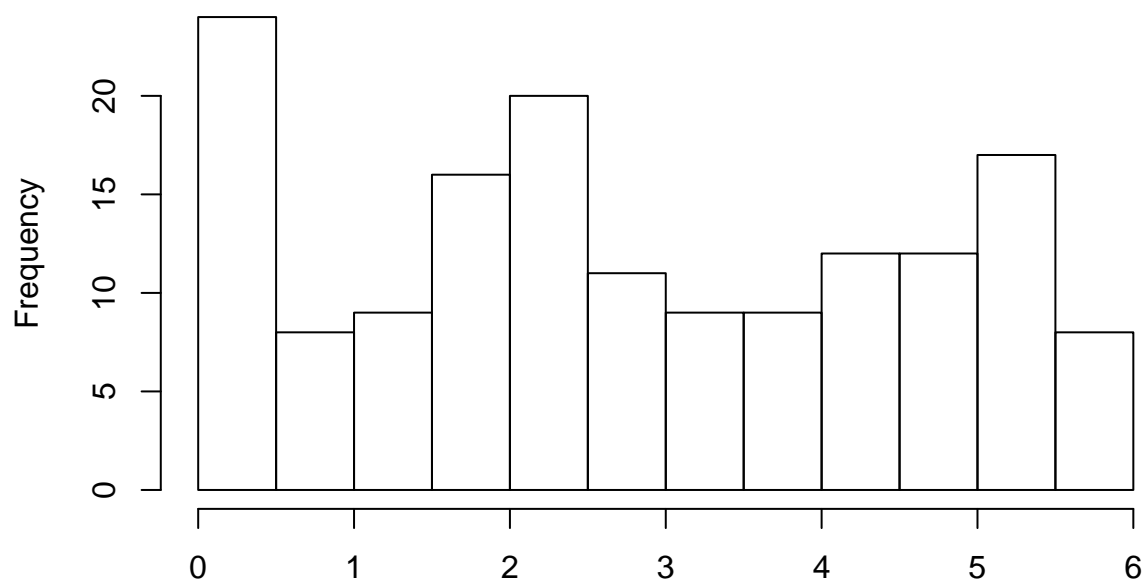
Number of wine glasses consumed in 2010

## Transformation of the data

Seems like most of the countries consumed less than 50 of each in 2010. Let's unskew the distributions.

**Beer consumption in 2010**



**Wine consumption in 2010**



Thanks for the review. You can check the other dataset for this assignment in this link