

# Alcohol Consumption

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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
##

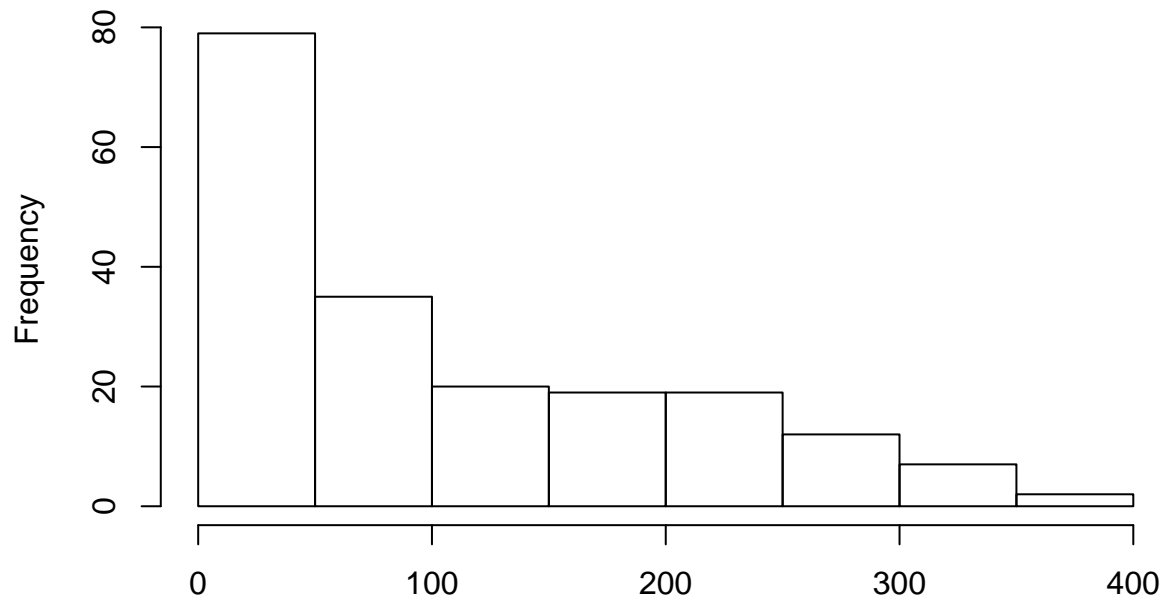
## country NA
## beer_servings 106.2
## spirit_servings 81
## wine_servings 49.5
## total_litres_of_pure_alcohol 4.7

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

## Histograms

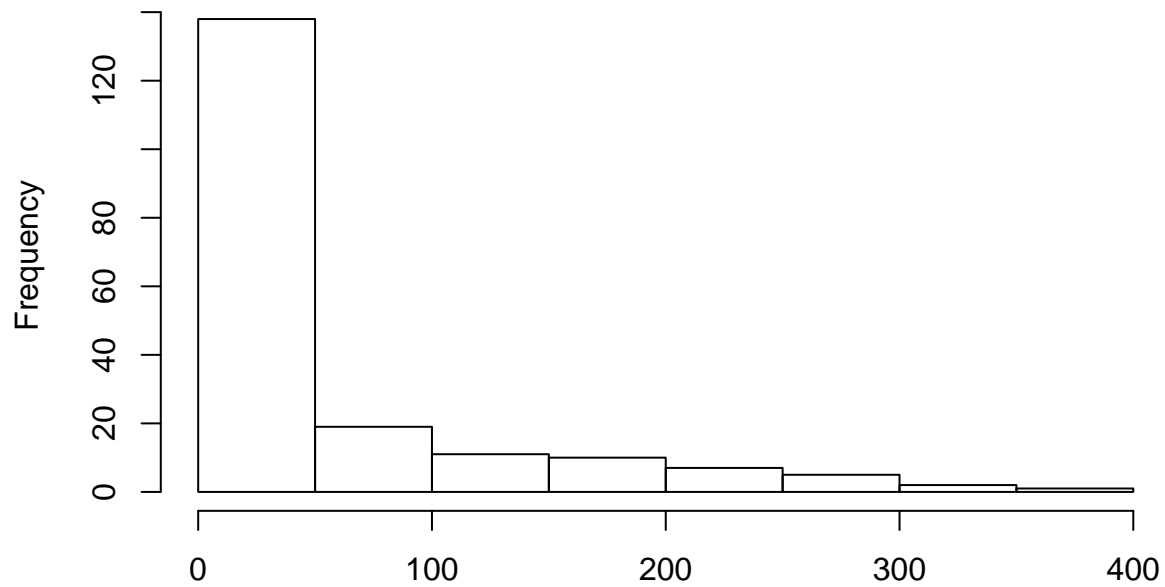
Histograms are really usefull to look at the distribution of the data.

## Beer consumption



Number of bottles of beer consumed in 2010

## Wine consumption

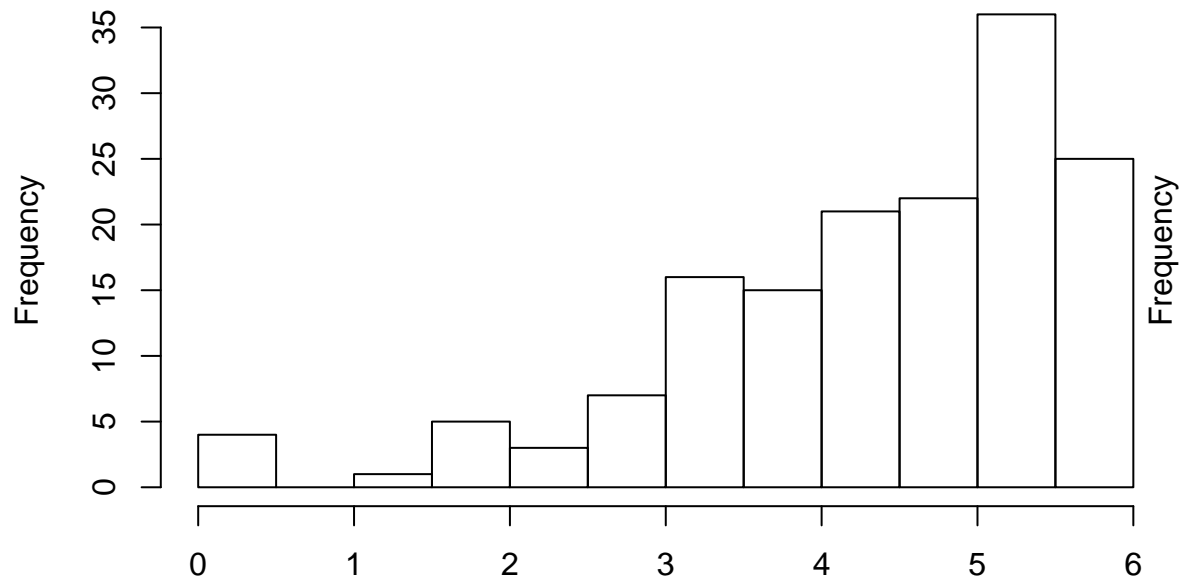


Number of wine glasses consumed in 2010

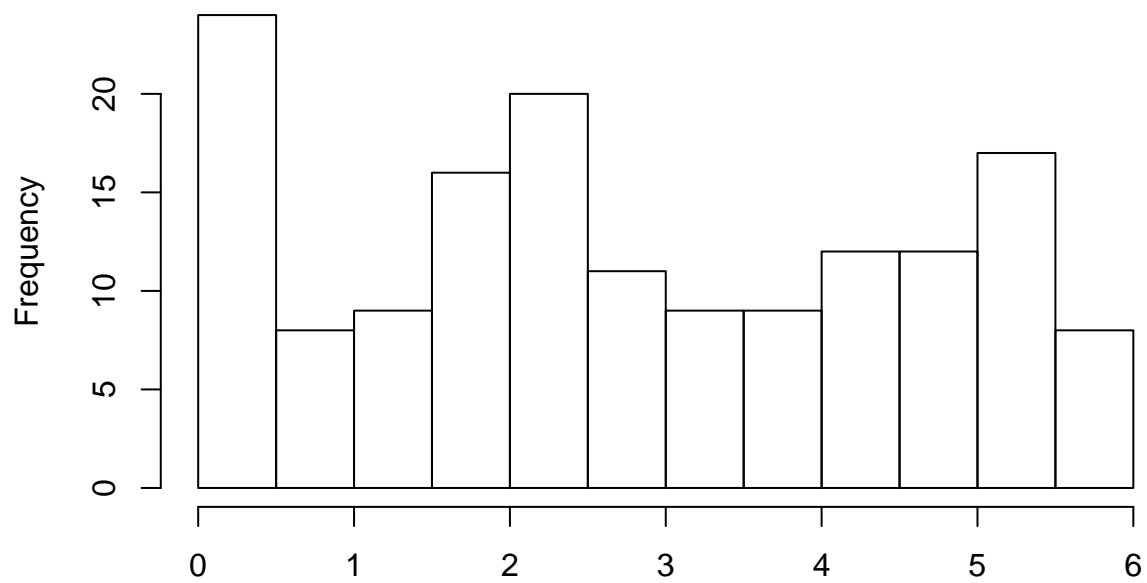
## Transformation of the data

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