Capital

Dataset

Dataset consists of two features. The numeric variable balance and binary variable gender.

```
capital <- read.table('capital.csv', header = TRUE, sep = ';')
attach(capital)
head(capital)</pre>
```

```
balance gender
##
## 1
        1018
## 2
        1021
                    1
## 3
        1081
## 4
         300
                    1
         769
## 5
## 6
          486
                    1
```

head(is.na.data.frame(capital))

```
## balance gender
## [1,] FALSE FALSE
## [2,] FALSE FALSE
## [3,] FALSE FALSE
## [4,] FALSE FALSE
## [5,] FALSE FALSE
## [6,] FALSE FALSE
```

Relative frequency

We will explore *balance* in relation to *gender*. Particularly, we are interested in frequency tables, bar and pie plots. Frequency table is defined as:

Relative
$$\hat{F}$$
requency = $\frac{F$ requency}{Sample Size} (1)

Get possible values of gender

```
factor(capital$gender)
```



