A report on the SILC data for Belgium

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## The data

We use read.delim to read in data here, but recall read\_sav in the haven package, and read\_xlsx in the `readxl`` package.

The data is the SILC data for Belgium and is stored at this path:

C:/Users/tgw513/Documents/GitHub/RGeorgia/Contents/Material/Part F - Summary and workshop.

It contains data on Statistics on Income and Living Conditions for the year(s) 2013-rmax(silc\_p$PB110)`.

## Some tables

We shall tabulate data by sex, marital status and year of birth.

Basic tables are functional but somewhat lacking. They can be made prettier with the knitr package.

|  |  |  |
| --- | --- | --- |
|  | Male | Female |
| 1930-49 | 1249 | 1574 |
| 1950-69 | 1986 | 1982 |
| 1970-89 | 1784 | 1817 |
| 1990-2009 | 588 | 592 |

For a more powerful, if syntactically heavy approach, the tables package is an option. See vignette(tables)

##   
## SEX   
## Male Female   
## N Percent N Percent  
## All 5607 100.0 5965 100.0   
## YEAR\_OF\_BIRTH 1930-49 1249 22.3 1574 26.4   
## 1950-69 1986 35.4 1982 33.2   
## 1970-89 1784 31.8 1817 30.5   
## 1990-2009 588 10.5 592 9.9   
## MARITAL\_STATUS Never married 1982 35.3 1821 30.5   
## Married 2794 49.8 2808 47.1   
## Separated 47 0.8 27 0.5   
## Widowed 161 2.9 589 9.9   
## Divorced 508 9.1 652 10.9

We may want to do some descriptive plots, say of year of birth by sex

