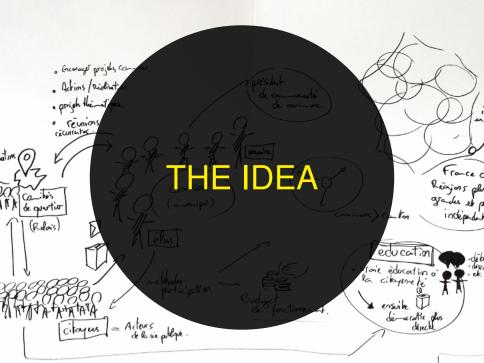
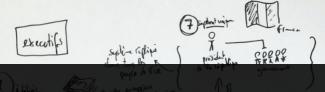
Making your researcher's life easier. How to prepare transparent and dynamic research reports with LATEX

Paweł Łupkowski • Adam Mickiewicz University, Poznań • pawel.lupkowski@gmail.com





Prepare dynamic and transparent research report in LATEX.

- **dynamic**—i.e. change its content dynamically with respect to the underlying raw data;
- transparent—i.e. contain enough information to allow for a reproduction of the data analysis and make it easier to understand the results for collaborators, reviewers, students, and the author.



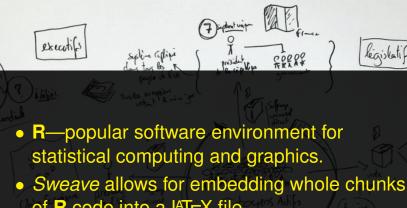
The kappa value for the sample is 0.65 for 2 raters with agreement 72% over 100 cases.

Below we present table with the annotations summary.

	A	В
1	DP :32	CR :30
2	CR :31	DP :25
3	MOTIV :11	MOTIV:12
4	NO: 8	NO :12
5	IGNORE: 6	IGNORE: 9
6	FORM:5	QA:7
7	(Other): 7	(Other): 5

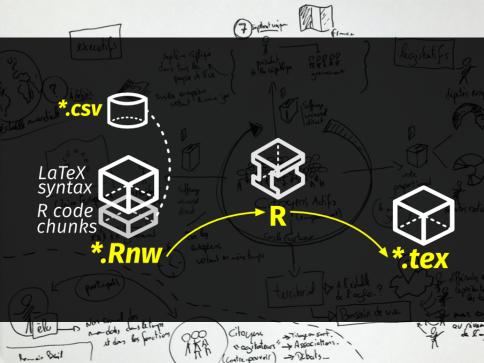
And here we have a figure summarising number of NCFs

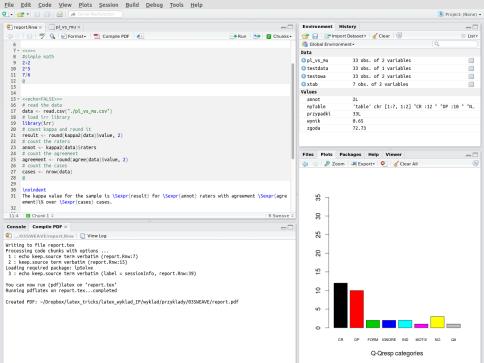


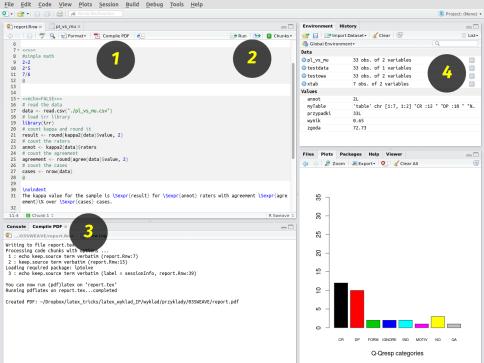


of R code into a LATEX file.

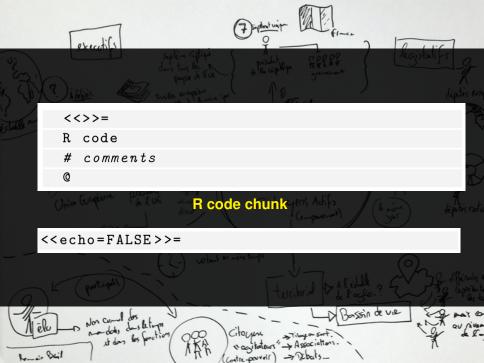




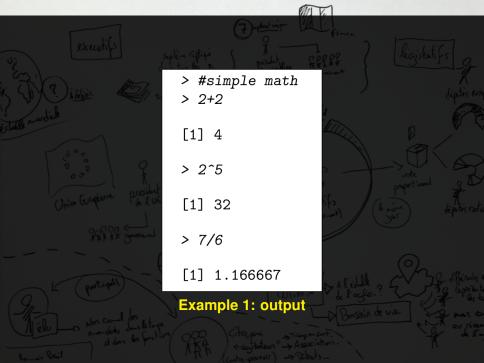


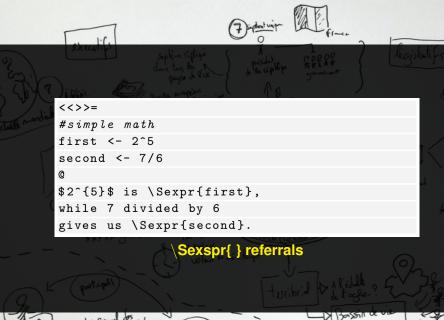


<<>>= R code comments@ R code chunkyers Addis Dessin de vie Armain Skil



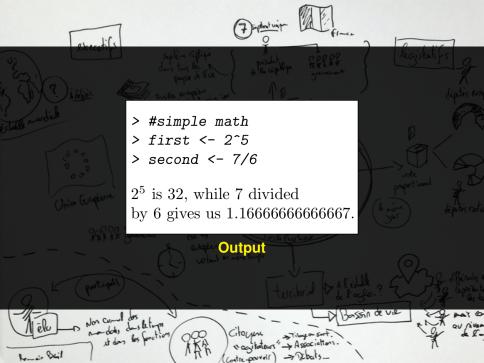
executifs Printical <<>>= #simple math 2+2 2^5 7/6 **Example 1** Bassin de vie Armain Skil

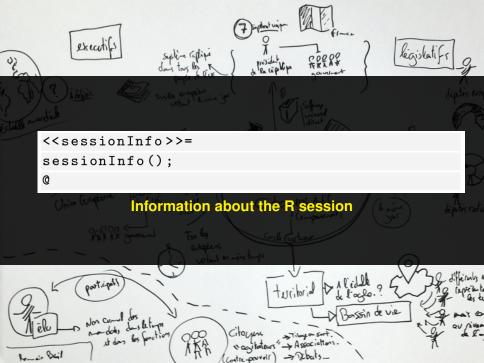




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Associations.





executifs split and

R version 3.1.1 (2014-07-10)

Platform: i686-pc-linux-gnu (32-bit)

## locale:

[1] LC\_CTYPE=pl\_PL.UTF-8 LC\_NUMERIC=C

[3] LC\_TIME=p1\_PL.UTF-8 LC\_COLLATE=p1\_PL.UTF-8
[5] LC\_MONETARY=p1\_PL.UTF-8 LC\_MESSAGES=p1\_PL.UTF-8

[7] LC\_PAPER=pl\_PL.UTF-8 LC\_NAME=C

[9] LC\_ADDRESS=C LC\_TELEPHONE=C

[11] LC\_MEASUREMENT=pl\_PL.UTF-8 LC\_IDENTIFICATION=C

## attached base packages:

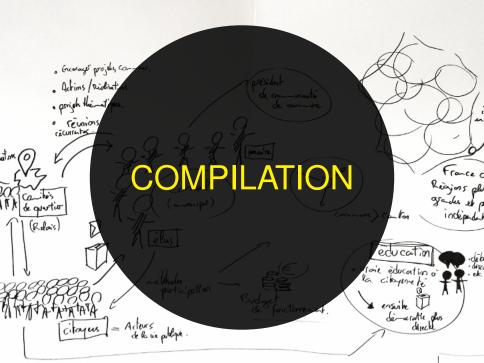
[1] stats graphics grDevices utils datasets methods base

other attached packages:

[1] irr\_0.84 lpSolve\_5.6.10

loaded via a namespace (and not attached):

[1] tools\_3.1.1



- Andrewign M. C.
- First, in R environment, you should run Sweave ("yourfile.Rnw")
- The successful compilation ends with the message:
  - You can now run (pdf)latex on 'yourfile.tex'
- As a result you will obtain yourfile.tex which might now be compiled with latex or pdflatex compiler.











\documentclass{article}
\begin{document}
<<<>>=

#\*simple math
first <- 2^5
second <- 7/6

2^{5}\$ is \Sexpr{first},
while 7 divided\\
by 6 gives us \Sexpr{second}.
\end{document}</pre>

\documentclass{article}
\usepackage(Sweave)
\begin(document)
\input{report-concordance}
\begin(Schunk)
\begin(Schunk)
\begin{Sinput}
> #simple math
> first <- 2^5
> second <- 7/6
\end{Sinput}
\def document}
\end{Sinput}
\

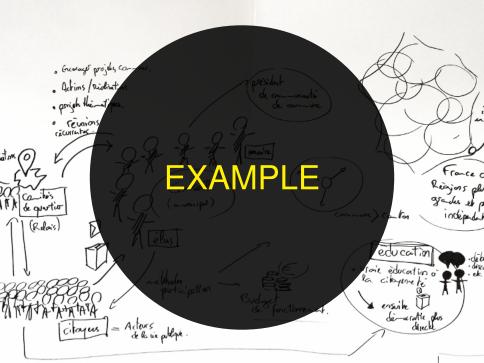
## Rnw & tex files

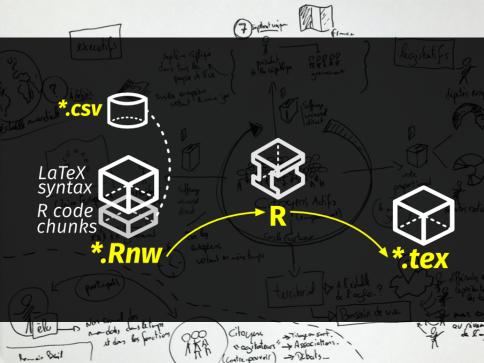
Non count des la tops and das les faction

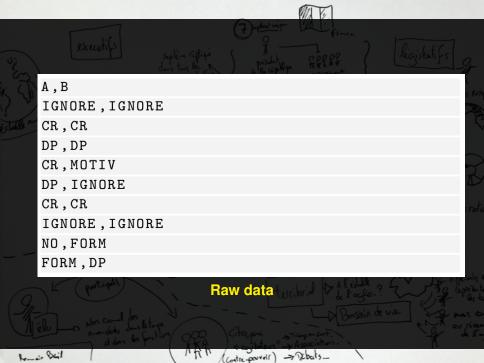
288

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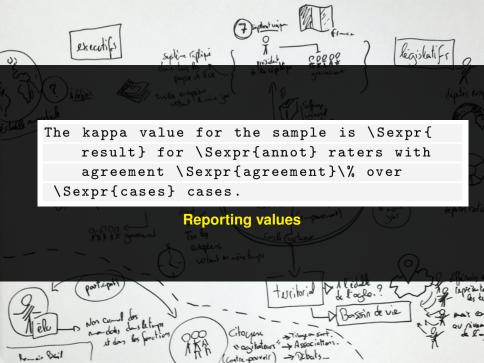


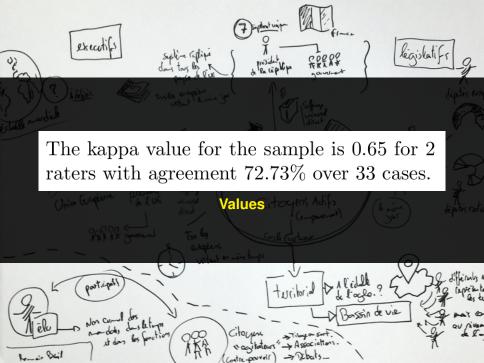




```
data <- read.csv("./pl_vs_mu.csv")</pre>
# load irr library
library(irr)
# count kappa and round it
result <- round(kappa2(data)$value, 2)
# count the raters
annot <- kappa2(data)$raters
# count the agreement
agreement <- round(agree(data)$value, 2)
# count the cases
cases <- nrow(data)
```

Loading the data and calculations







- datatool (data import & manipulation, CSV)
- exceltex (data import & manipulation, XLS)
- odsfile (data import & manipulation, ODS)
- embedfile (embed any file into PDF)
- hyperref (PDF-metadata)

