1 Compiling this Document

This document can be compiled to a pdf in two steps, which are combined in the following script:

```
#!/bin/tcsh
R --no-save --no-restore -e "require(knitr); knit('$1:r.Rnw')"
pdflatex $1:r.tex
```

If this script is called `knitr`, then one just has to call:

```
prompt> knitr knitr-template.Rnw
```

For more documentation on `knitr` visit: [http://yihui.name/knitr/](http://yihui.name/knitr/).

2 Some example

Here comes some R code which generate a plot:

```r
x = rnorm(100)
y = x + rnorm(100)
plot(x, y)
```

This will not show in the final document:
But still we remember what $z$ was:

$$\text{hist}(z)$$

Histogram of $z$

![Histogram of z](image)