An Introduction to knitr

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The **knitr** package (Xie, 2013) is an alternative tool to Sweave based on a different design with more features. This document is not the real vignette, but only serves as a placeholder to guide you to the real manuals of this package. You can find them in the package website: `http://yihui.name/knitr`[1], and remember to read the help pages of functions in this package.

Anyway, here is a code chunk that shows you can compile vignettes with **knitr** as well by using a proper Makefile (see `http://yihui.name/knitr/demo/vignette/`):

```r
rnorm(5)
```

```
## [1]  0.54613  1.29910  0.03053  1.24379 -1.51150
```

```r
df = data.frame(y = rnorm(100), x = 1:100)
summary(lm(y ~ x, data = df))
```

```
##
## Call:
## lm(formula = y ~ x, data = df)
##
## Residuals:
##     Min      1Q  Median      3Q     Max
## -2.0543 -0.5268  0.0006  0.5943  2.8029
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.18462    0.19186    0.96     0.34
## x           -0.00266    0.00330   -0.81     0.42
##
## Residual standard error: 0.952 on 98 degrees of freedom
## Multiple R-squared:  0.00661,Adjusted R-squared:  -0.00353
## F-statistic: 0.652 on 1 and 98 DF,  p-value: 0.421
```

References

Xie Y (2013). *knitr: A general-purpose package for dynamic report generation in R.* R package version 1.3, URL `http://yihui.name/knitr/`.

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[1]e.g. the main manual: `https://bitbucket.org/stat/knitr/downloads/knitr-manual.pdf` and the graphics manual: `https://bitbucket.org/stat/knitr/downloads/knitr-graphics.pdf`