An Introduction to knitr

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The **knitr** package (Xie, 2012) 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`, 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] -0.2636  0.7317  0.5692 -0.3527  0.3401
```

```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
## -2.1208 -0.5962 -0.0438  0.6436  2.3108
##
## Coefficients:
##             Estimate Std. Error t value Pr(>|t|)
## (Intercept)  0.16663    0.17666    0.94     0.35
## x           -0.00369    0.00304   -1.21     0.23
##
## Residual standard error: 0.877 on 98 degrees of freedom
## Multiple R-squared: 0.0148,Adjusted R-squared: 0.00478
## F-statistic: 1.48 on 1 and 98 DF,  p-value: 0.227
##
```

References

Xie Y (2012). *knitr: A general-purpose package for dynamic report generation in R.* R package version 0.3, URL http://yihui.name/knitr/.