R Markdown Sample

Example Syntax

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```
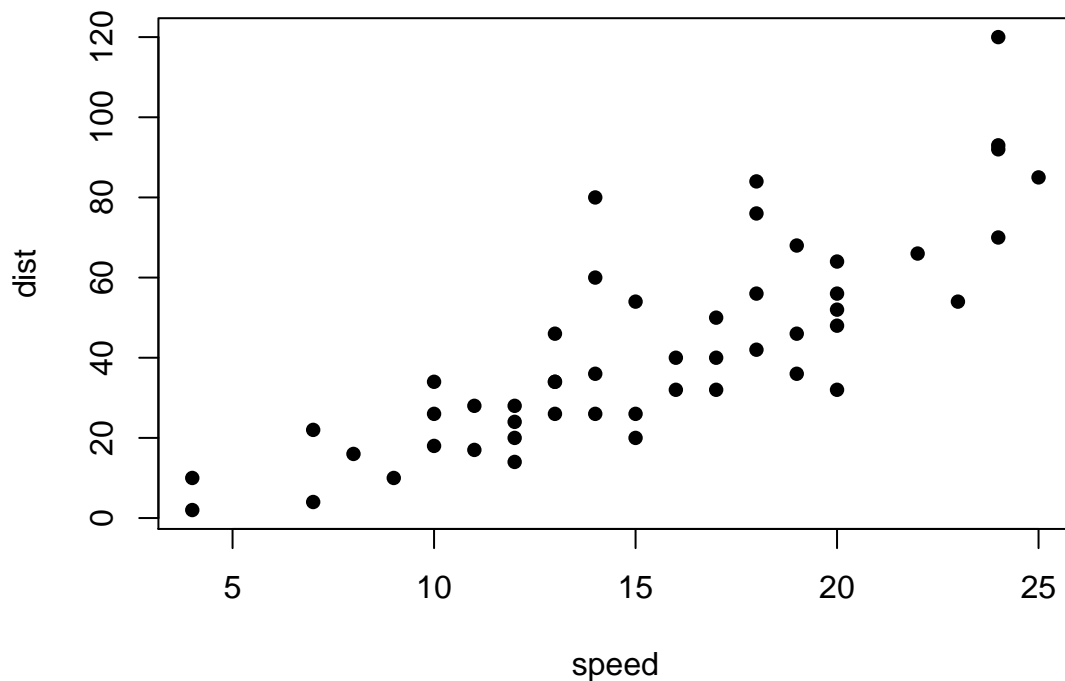
You can also embed plots, for example:

Figure 1: Test Plot

Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

Learning BibTeX

Here's a citation of the article (Greenwade 1993), but Goossens wrote a book (1993). If I want to cite both, I wonder what happens (Greenwade 1993; Goossens, Mittlebach, and Samarin 1993).

References

Goossens, Michel, Frank Mittlebach, and Alexander Samarin. 1993. *The Latex Companion.* Reading, Massachusetts: Addison-Wesley.

Greenwade, George D. 1993. "The Comprehensive Tex Archive Network (CTAN)." *TUGBoat* 14 (3): 342–51.

Appendix

LaTeXfragment placed after references.

$$x = \sqrt{b} \tag{1}$$

If $a^2 = b$ and $b = 2$, then the solution must be either

$$a = +\sqrt{2}$$

or

$$a = -\sqrt{2}$$

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