## Regression Models Course Project

Xinyi Li 2015/4/24

This is a document on regression models course project.

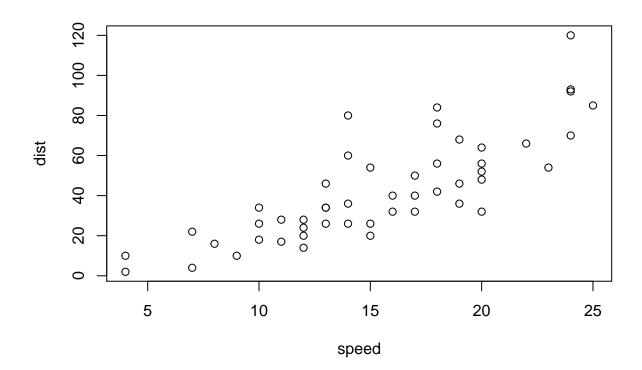
This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see <a href="http://rmarkdown.rstudio.com">http://rmarkdown.rstudio.com</a>.

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
##
    {\tt Min.}
           : 4.0
                            : 2.00
                     Min.
    1st Qu.:12.0
                     1st Qu.: 26.00
    Median:15.0
                     Median: 36.00
##
##
            :15.4
                     Mean
                            : 42.98
##
    3rd Qu.:19.0
                     3rd Qu.: 56.00
    Max.
            :25.0
                            :120.00
```

You can also embed plots, for example:



Note that the  $\mbox{echo} = \mbox{FALSE}$  parameter was added to the code chunk to prevent printing of the R code that generated the plot.