



MAX-PLANCK-GESELLSCHAFT

## DAILY REPORT

2012-01-19

Max-Planck Institute

Ahmad Ehyaei, Sara Ershadmanesh

# Introduction



This is simple an R Markdown document to show MPIThemes features.  
use # sign to define chapter. For definition subsection add ## to first line  
and add name of sub chapter.



```
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

We can run inline R code  $2^{10} = 1024$



In RMarkdown we can use markdown syntax, such as unordered list items

- ▶ item
- ▶ item
  - ▶ more item

Or use block quotes are written after `>`, e.g.,

*To be, or not to be, that is the question!*



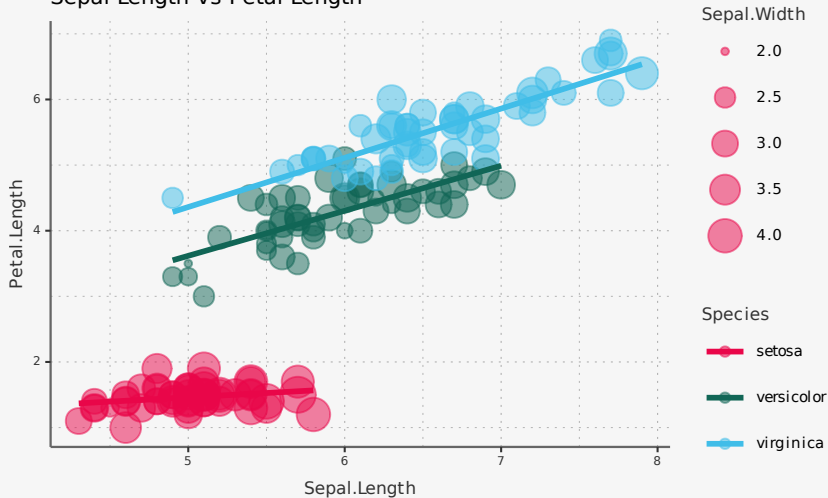
We can easily write math expressions by latex syntax. Inline LaTeX equations can be written in a pair of dollar signs

$$f(k) = \binom{n}{k} p^k (1 - p)^{n-k}$$



## Bubble chart

Sepal Length vs Petal Length





## Think

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

Lorem Ipsum is simply dummy text of the printing and typesetting industry.

## Theorem 1.1: Pythagorean theorem

This is a theorem about right triangles and can be summarised in the next equation

$$x^2 + y^2 = z^2$$