

R Markdown and Beamer Template

Firstname Lastname

Institution Name
first.last.name@institution.com

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Introduction

This is an R Markdown presentation. 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.

This R Markdown and Beamer template is created by **Christine P. Chai** (cpchai21@gmail.com). She started with the existing template of the R Markdown presentation, and she incorporated some commonly-used LaTeX functions in this version.

If the compilation in **Knit** does not succeed (resulting a corrupted PDF file), then we need to go into “MikTeX Console → Settings” and select “Always install missing packages on-the-fly”. Then RStudio can automatically install the required LaTeX packages.

Section 1

Slide with Bullets

- Bullet 1
- Bullet 2
- Bullet 3

“All models are wrong, but some are useful.”

– George Box, Statistician

Content with Two Columns

First column

Write something here

Write more

Closing sentence

Second column

Use `itemize` in LaTeX.

- Item 1
- Item 2
- Item 3

Different Font Sizes

- tiny
- scriptsize
- footnotesize
- small
- normalsize (default)

- large
- Large
- LARGE
- huge
- Huge

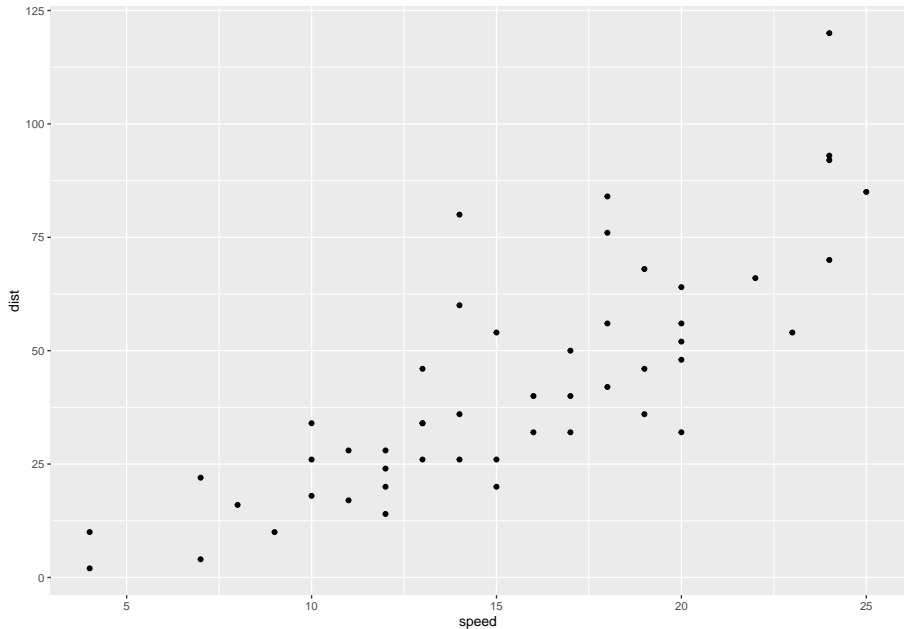
<https://www.sascha-frank.com/latex-font-size.html>

Section 2

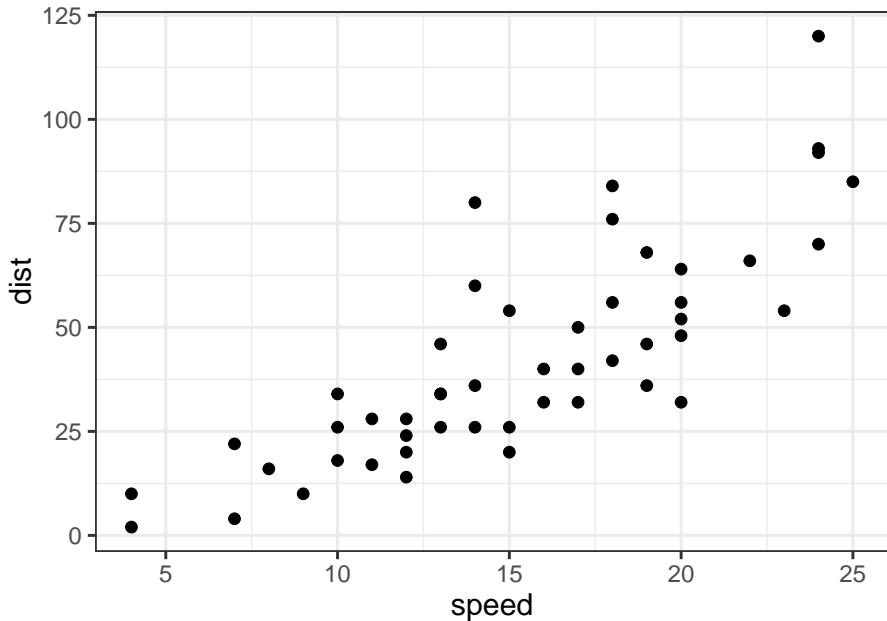
```
summary(cars)
```

| ## | 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 |

Slide with Plot – Original



Slide with Plot – Larger Text

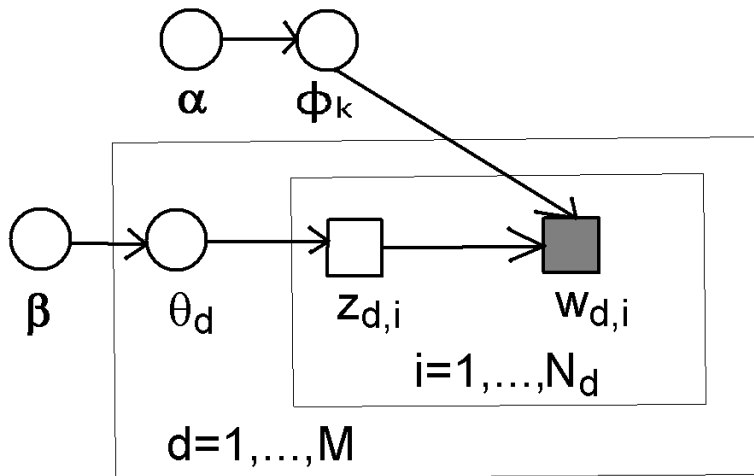


Slide with Fractions of Code

R package: ggplot2

```
scale_color_manual(values=c("red", "darkgreen", "black"))  
scale_linetype_manual(values=c("dashed", "solid", "dotted"))  
scale_shape_manual(values=c("square", "circle", "triangle"))
```

Slide with Image



C.P. Chai. Word Distinctivity – Quantifying Improvement of Topic Modeling Results from N-Gramming. Accepted to REVSTAT Statistical Journal, 2020.

Closing

Have fun!

