

# R Markdown 制作 beamer 幻灯片<sup>1</sup>

黄湘云

理学院

计算数学与统计系

中国矿业大学（北京）理学院

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<sup>1</sup>感谢 Pandoc 开发者

# R 语言

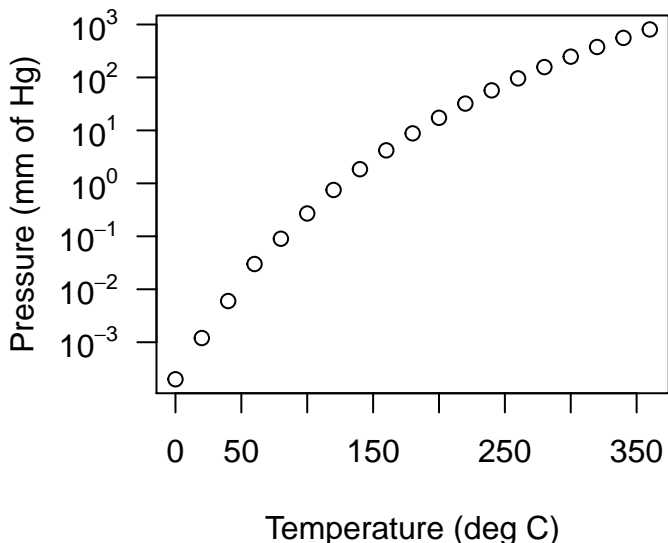
*A Markdown-formatted document should be publishable as-is, as plain text, without looking like it's been marked up with tags or formatting instructions.*

— John Gruber

Markdown 提供一种简洁的格式语法，用来编辑 HTML、PDF 和 MS Word 文档。介绍 R Markdown 文档如何插入图片，更多详情见 <https://rmarkdown.rstudio.com> [Xie et al., 2018]。

R 语言的命名部分来源于最初的两作者的姓名的首字母 Robert Gentleman 和 Ross Ihaka，部分是由于贝尔实验室推出的 S 语言 [R Core Team, 2020]。

## 压力数据 pressure



# 运行环境 I

制作此幻灯片，我们使用了 bookdown 包 [Xie, 2016]、rmarkdown 包 [Xie et al., 2018] 和 knitr 包 [Xie, 2015]，以及 R version 4.0.0 (2020-04-24) 其它软件和环境信息见下方

```
xfun::session_info(c(
  "bookdown", "rmarkdown", "knitr"
), dependencies = TRUE)
```

R version 4.0.0 (2020-04-24)

Platform: x86\_64-w64-mingw32/x64 (64-bit)

Running under: Windows 10 x64 (build 16299)

Locale:

LC\_COLLATE=Chinese (Simplified)\_China.936

LC\_CTYPE=Chinese (Simplified)\_China.936

LC\_MONETARY=Chinese (Simplified)\_China.936

## 运行环境 II

```
LC_NUMERIC=C
```

```
LC_TIME=Chinese (Simplified)_China.936
```

```
Package version:
```

```
base64enc_0.1.3 bookdown_0.19      digest_0.6.25    evaluate_0.14.1
glue_1.4.1      graphics_4.0.0  grDevices_4.0.0 highr_0.8.1
htmltools_0.4.0 jsonlite_1.6.1  knitr_1.28       magrittr_2.0.1
markdown_1.1    methods_4.0.0  mime_0.9         Rcpp_1.0.5
rlang_0.4.6     rmarkdown_2.2  stats_4.0.0      stringi_1.7.6
stringr_1.4.0   tinytex_0.23   tools_4.0.0      utils_4.0.2
xfun_0.14       yaml_2.2.1
```

```
Pandoc version: 2.7.3
```

R Core Team. *R: A Language and Environment for Statistical Computing*. R Foundation for Statistical Computing, Vienna, Austria, 2020. URL <https://www.R-project.org/>.

Yihui Xie. *Dynamic Documents with R and knitr*. Chapman and Hall/CRC, Boca Raton, Florida, 2nd edition, 2015. URL <https://yihui.org/knitr/>. ISBN 978-1498716963.

Yihui Xie. *bookdown: Authoring Books and Technical Documents with R Markdown*. Chapman and Hall/CRC, Boca Raton, Florida, 2016. URL <https://github.com/rstudio/bookdown>. ISBN 978-1138700109.

Yihui Xie, J.J. Allaire, and Garrett Golemund. *R Markdown: The Definitive Guide*. Chapman and Hall/CRC, Boca Raton, Florida, 2018. URL <https://bookdown.org/yihui/rmarkdown>. ISBN 9781138359338.