



memor: Customizable LaTeX Template for rmarkdown

Hao Zhu, Timothy Tsai, Thomas Trivison

2018-07-02

1 INTRODUCTION

We love rmarkdown. In practice, however, we often have specific customization requirements for reporting of reproducible research. Some of these are universal, such as company logo or letterhead, contact info and so on.

We created this `memor` package to allow for easier customization of LaTeX-based documents combining text and results from R. This document is produced using the following YAML header.

```
---
title: "memor: Customizable LaTeX Template for rmarkdown"
author: Hao Zhu, Timothy Tsai, Thomas Trivison
date: "2018-07-02"
output:
  memor::pdf_memo:
    logo: "memor.png"
    logo_height: 2.5cm
    use_profile: false
  company:
    name: Institute for Aging Research
    address: 1200 Centre St, Boston, MA
    phone: 617-971-5386
    email: stats@hsl.harvard.edu
  confidential: false
  watermark: Open Access
  libertine: true
---
```

2 TABLES & FIGURES

Here are how tables and figures looks like in this template. Caption color is controlled by `citecolor`.

```
kable(mtcars[1:5, 1:5], booktabs = T, caption = "A Table") %>%
  kable_styling(latex_options = c("striped", "HOLD_position"), position = "left")
```

TABLE 2.1 A Table

| | mpg | cyl | disp | hp | drat |
|-------------------|------|-----|------|-----|------|
| Mazda RX4 | 21.0 | 6 | 160 | 110 | 3.90 |
| Mazda RX4 Wag | 21.0 | 6 | 160 | 110 | 3.90 |
| Datsun 710 | 22.8 | 4 | 108 | 93 | 3.85 |
| Hornet 4 Drive | 21.4 | 6 | 258 | 110 | 3.08 |
| Hornet Sportabout | 18.7 | 8 | 360 | 175 | 3.15 |

```
ggplot(mtcars, aes(x = mpg, y = wt)) +
  geom_point()
```

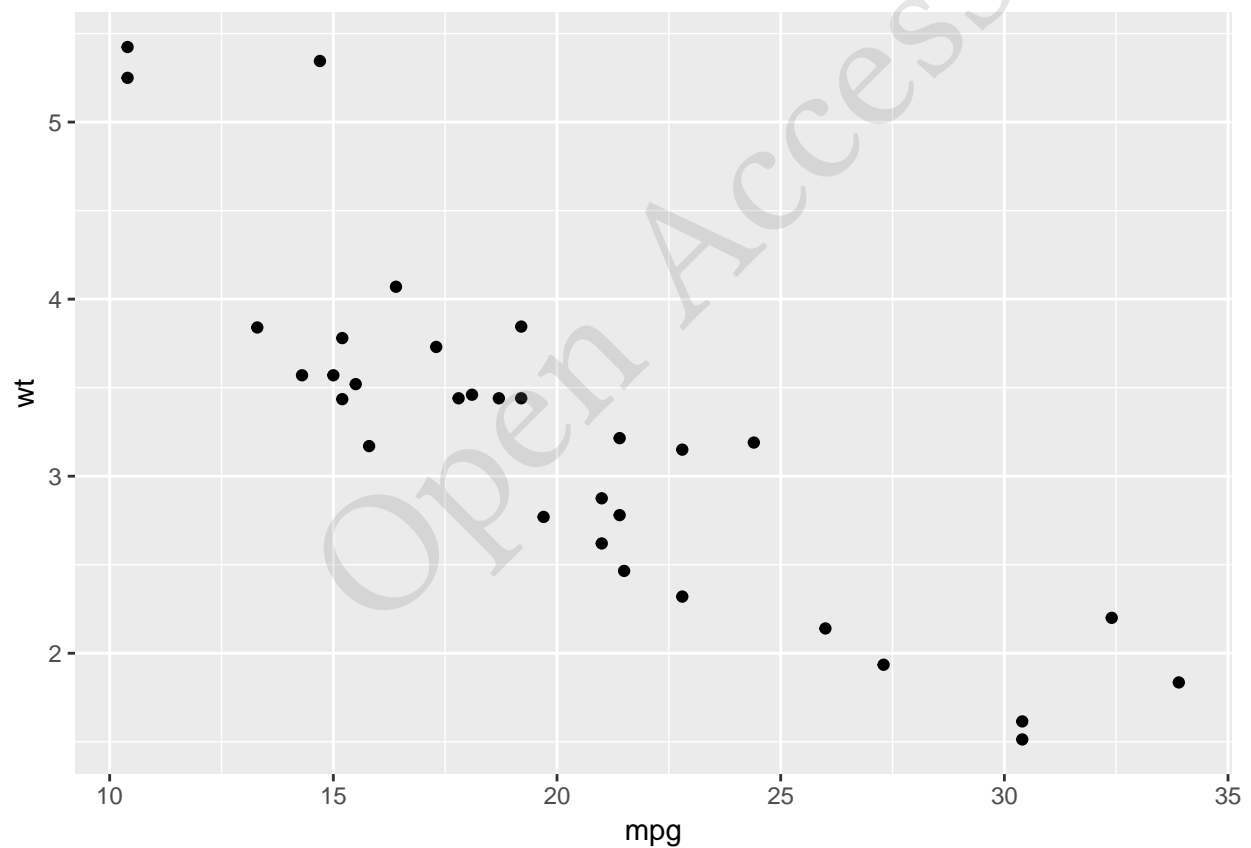


FIGURE 2.1 A Plot