

Title here

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SUMMARY: The text of your summary. Should not exceed 225 words.

KEY WORDS: keydictionaryword.

1. Introduction

Your text comes here. Separate text sections with

2. Section title

Text with citations by Heagerty et al. (2000), (Pepe, 2003).

2.1 Subsection title

as required (Hoerl and Kennard, 1970; Zou and Hastie, 2005). Don't forget to give each section and subsection a unique label (see Sect. 2).

Paragraph headings. Use paragraph headings as needed.

2.2 Equations

Here is an equation:

$$f_X(x) = \left(\frac{\alpha}{\beta}\right) \left(\frac{x}{\beta}\right)^{\alpha-1} e^{-\left(\frac{x}{\beta}\right)^\alpha}; \alpha, \beta, x > 0$$

Here is another:

$$a^2 + b^2 = c^2 \tag{1}$$

Inline equations: $\sum_{i=2}^{\infty} \{\alpha_i^\beta\}$

3. Figures and tables

3.1 Figures coming from R

Normal figure embedded in text.

```
## Warning in plot.formula(runif(25) ~ runif(25)): the formula 'runif(25) ~
## runif(25)' is treated as 'runif(25) ~ 1'
```

[Figure 1 about here.]

3.2 Tables coming from R

```
print(xtable::xtable(head(mtcars)[,1:4],
caption = "Caption centered under table", label = "tab1"),
comment = FALSE, timestamp = FALSE, caption.placement = "top")
```

[Table 1 about here.]

Table 1 shows these numbers. Some of those numbers are plotted in Figure ??.

```
head(mtcars[,1:4])
```

| ## | | mpg | cyl | disp | hp |
|----|-------------------|------|-----|------|-----|
| ## | Mazda RX4 | 21.0 | 6 | 160 | 110 |
| ## | Mazda RX4 Wag | 21.0 | 6 | 160 | 110 |
| ## | Datsun 710 | 22.8 | 4 | 108 | 93 |
| ## | Hornet 4 Drive | 21.4 | 6 | 258 | 110 |
| ## | Hornet Sportabout | 18.7 | 8 | 360 | 175 |
| ## | Valiant | 18.1 | 6 | 225 | 105 |

References

- Heagerty, P. J., Lumley, T., and Pepe, M. S. (2000). Time-dependent roc curves for censored survival data and a diagnostic marker. *Biometrics* **56**, 337–344.
- Hoerl, A. E. and Kennard, R. W. (1970). Ridge regression: Biased estimation for nonorthogonal problems. *Technometrics* **12**, 55–67.
- Pepe, M. S. (2003). *The statistical evaluation of medical tests for classification and prediction*. Oxford University Press.
- Zou, H. and Hastie, T. (2005). Regularization and variable selection via the elastic net. *Journal of the Royal Statistical Society: Series B (Statistical Methodology)* **67**, 301–320.

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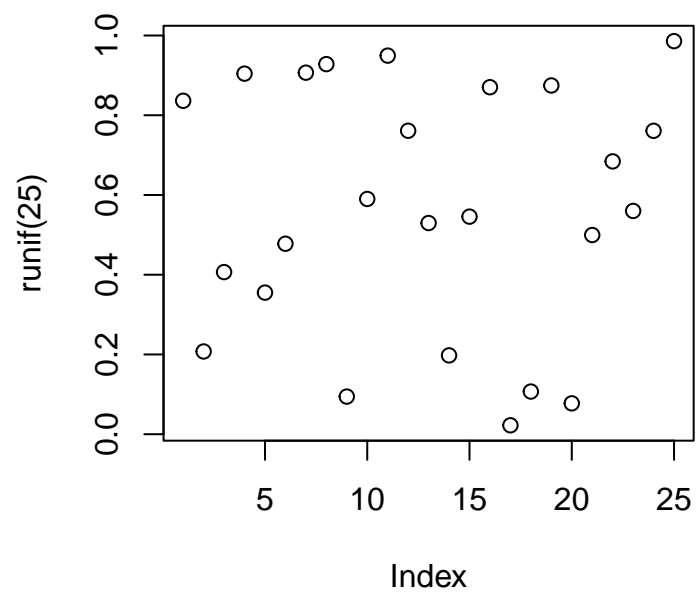


Figure 1. Output from `pdf()`

Table 1
Caption centered under table

| | mpg | cyl | disp | hp |
|-------------------|-------|------|--------|--------|
| Mazda RX4 | 21.00 | 6.00 | 160.00 | 110.00 |
| Mazda RX4 Wag | 21.00 | 6.00 | 160.00 | 110.00 |
| Datsun 710 | 22.80 | 4.00 | 108.00 | 93.00 |
| Hornet 4 Drive | 21.40 | 6.00 | 258.00 | 110.00 |
| Hornet Sportabout | 18.70 | 8.00 | 360.00 | 175.00 |
| Valiant | 18.10 | 6.00 | 225.00 | 105.00 |