

**Title here**

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

KEY WORDS: key.

## 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 not meaningful
## '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 ??.

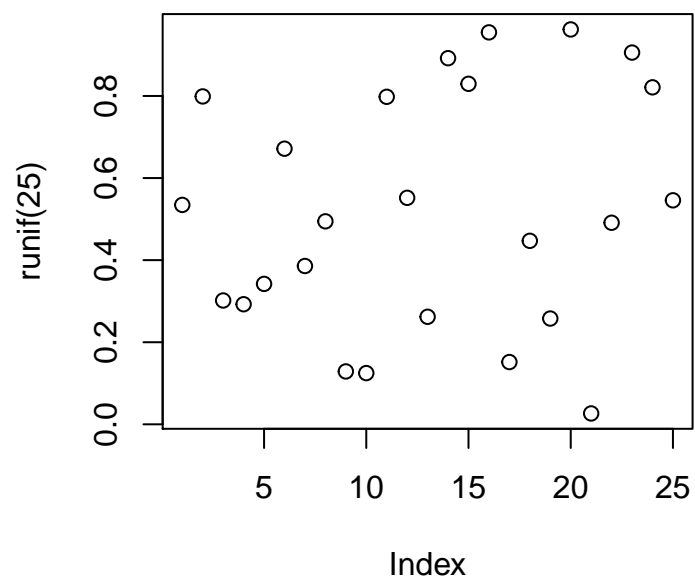
```
head(mtcars[,1:4])
```

##		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