

# 空间广义线性模型

代码实现

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摘要

hello

## 1 引言

### 1.1 模型

$$f(x) = \frac{1}{\sqrt{2\pi}\sigma} e^{-\frac{(x-\mu)^2}{2\sigma^2}}$$

This is an R Markdown document. 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. You can embed an R code chunk like this:

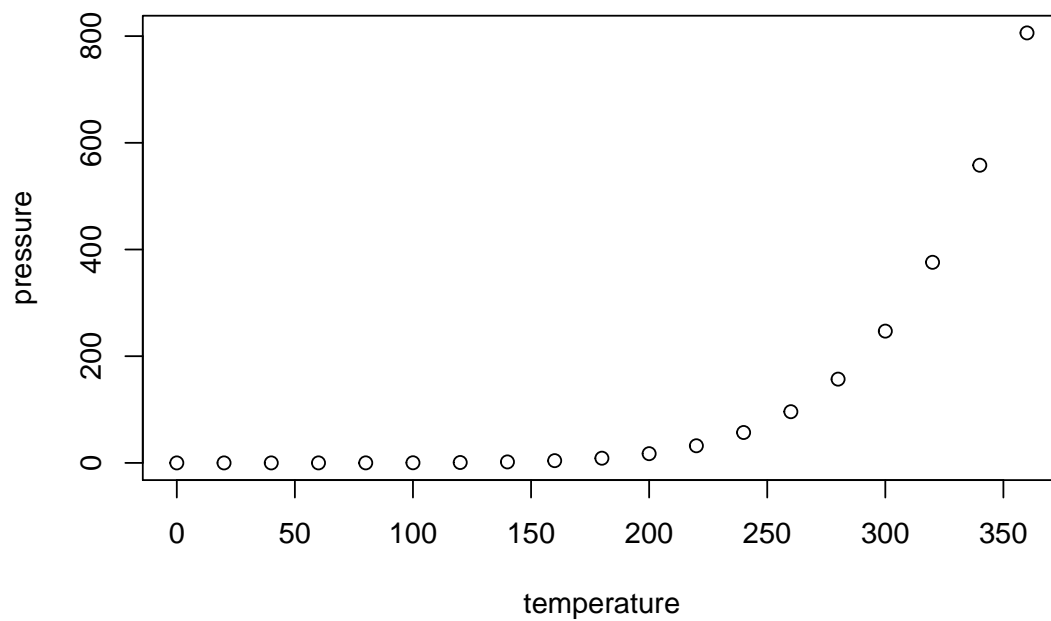
```
summary(cars)
```

```
##      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
```

图 1: eps

## 1.2 Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.[\[1\]](#)

插入图片

```
knitr::include_graphics(path = "fig.eps")
```

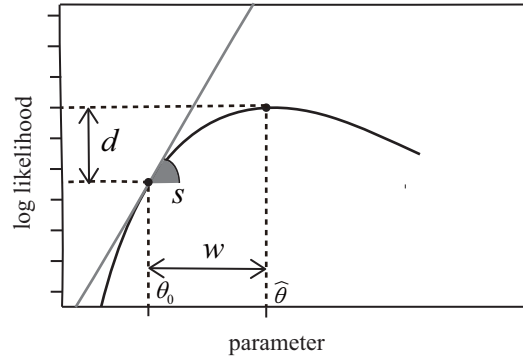


图 2: 未优化

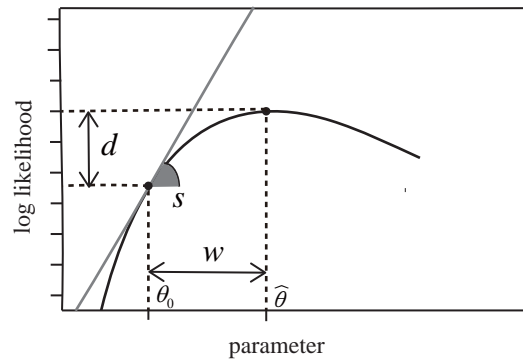


图 3: 优化

```
knitr::include_graphics(path = "fig.pdf")
```

```
knitr::include_graphics(path = "fig-02.pdf")
```

## 参考文献

- [1] H. Rue, A. I. Riebler, S. H. Sørbye, J. B. Illian, D. P. Simpson, and F. K. Lindgren. Bayesian computing with INLA: A review. *Annual Reviews of Statistics and Its Applications*, 4(1):395–421, 2017.