Example

Bernd Weiss

2012-07-06

Contents

Abstract

abstract abstract abstract abstract abstract abstract abstract abstract abstract abstract

1 Introduction and some R code

Let's start with an equation:

$$v_j^* = v_j + \tau^2 \tag{1}$$

Now, some R code:

```
## Create 100 normally distributed numbers
x <- rnorm(100)
## Estimate mean
mean(x)
sd(x)
var(x)
```

```
[1] -0.01011993
[1] 1.023805
[1] 1.048176
```

The mean of x is -0.01 -0.005

2 Plot a histogram

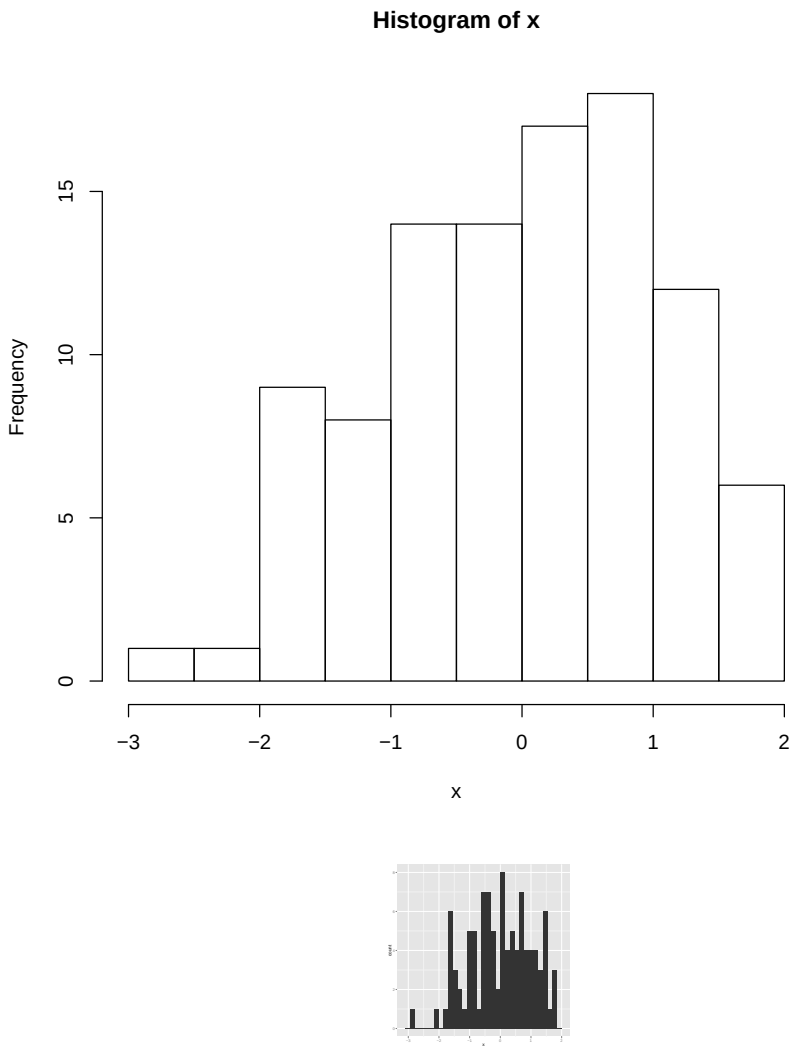

Figure 1: A beautiful ggplot2 plot

See Figure 1 blablabla

3 Use the Bash!

```
null device
          1
> total 248
d--------- 1 weiss mkgroup      0 Jul  6 11:30 auto
---------- 1 weiss mkgroup    122 Jul  6 19:15 d_example.html
---------- 1 weiss mkgroup   2451 Jul  6 19:15 d_example.org
---------- 1 weiss mkgroup 238121 Jul  6 12:34 d_example.pdf
---------- 1 weiss mkgroup   2847 Jul  6 12:33 d_example.tex
```

```
1 substr(x, 1, 30)
```

```
[1] "total 248\nd--------- 1 weiss m"
```