

Example

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Abstract

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1 Introduction and some R code

Let's start with an equation:

$$v_j^* = v_j + \tau^2 \quad (1)$$

Now, some R code:

```
1 ## Create 100 normally distributed numbers
2 x <- rnorm(100)
3 ## Estimate mean
4 mean(x)
```

```
[1] 0.1856337
```

The mean of x is 0.186

2 Plot a histogram

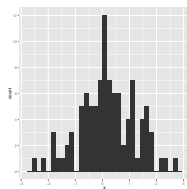
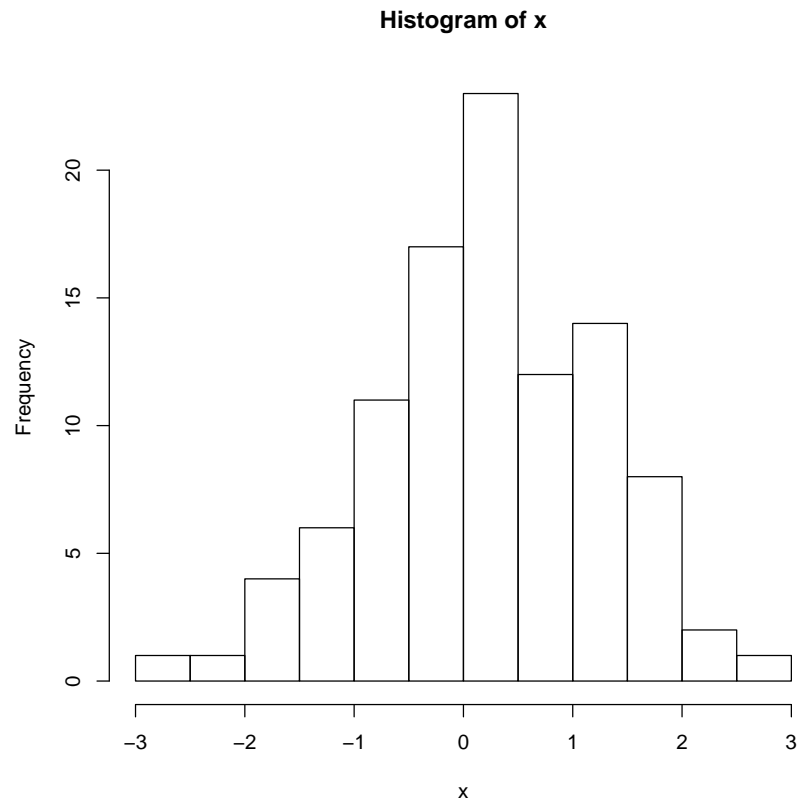


Figure 1: A beautiful ggplot2 plot

See Figure 1 blablabla

3 Use the Bash!

```

total 256
d----- 1 weiss mkgroup      0 Jul  6 11:31 .
d----- 1 weiss mkgroup      0 Jul  6 11:30 ..
d----- 1 weiss mkgroup      0 Jul  6 11:30 auto
----- 1 weiss mkgroup    6299 Jul  5 21:00 d_example.html
----- 1 weiss mkgroup    2462 Jul  6 10:18 d_example.org
----- 1 weiss mkgroup 237437 Jul  6 10:18 d_example.pdf
----- 1 weiss mkgroup    2879 Jul  6 10:18 d_example.tex

```

```

1  substr(x, 1, 30)

```

```

[1] "total 256\nd----- 1 weiss m"

```