

A minimal R Markdown example

A quote:

Markdown is not LaTeX.

To compile me, run this in R:

```
library(knitr)
knit('001-minimal.Rmd')
```

See [output here](#).

code chunks

A *paragraph* here. A code chunk below (remember the three backticks):

```
1+1

## [1] 2

.4-.7+.3 # what? it is not zero!

## [1] 5.551115e-17
```

graphics

It is easy.

```
plot(1:10)

hist(rnorm(1000))
```

inline code

Yes I know the value of pi is 3.1415927, and 2 times pi is 6.2831853.

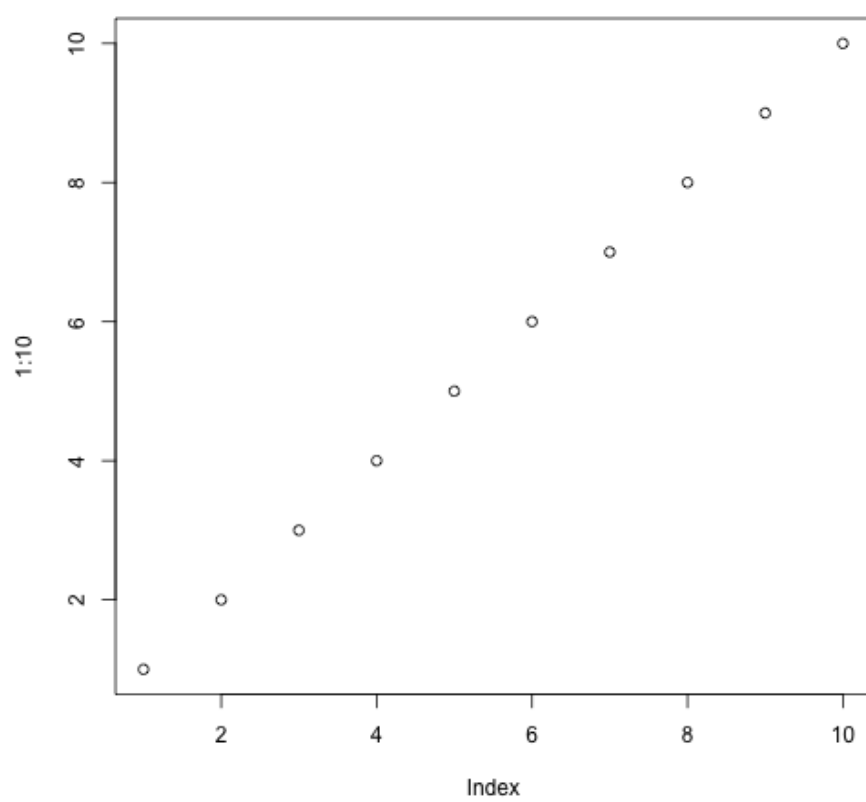


Figure 1: plot of chunk unnamed-chunk-2

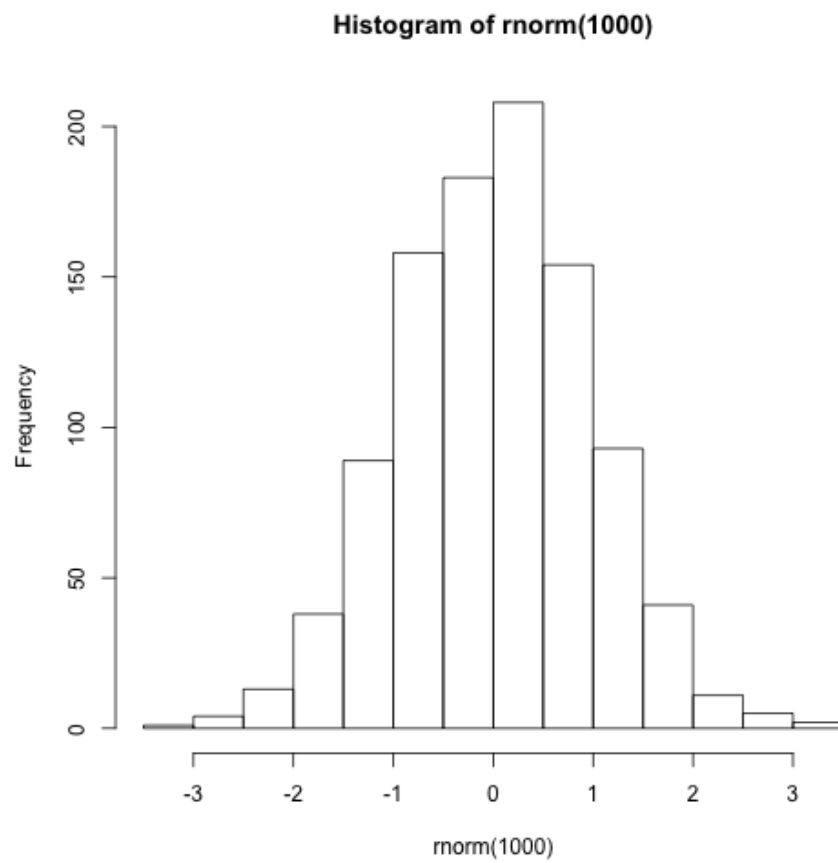


Figure 2: plot of chunk unnamed-chunk-2

math

Sigh. You cannot live without math equations. OK, here we go: $\alpha + \beta = \gamma$. Note this is not supported by native markdown. You probably want to try RStudio, or at least the R package **markdown**, or the function `knitr::knit2html()`.

nested code chunks

You can write code within other elements, e.g. a list

1. foo is good

```
strsplit('hello indented world', ' ')[[1]]
```

```
## [1] "hello"      "indented" "world"
```

2. bar is better

Or inside blockquotes:

Here is a quote, followed by a code chunk:

```
x = 1:10  
rev(x^2)
```

```
## [1] 100  81  64  49  36  25  16   9   4   1
```

conclusion

Nothing fancy. You are ready to go. When you become picky, go to the [knitr website](#).



Figure 3: knitr logo