1 Introduction

Blah blah, we have this cool longitudinal data we want to study, let's do it!

```
source('generateSections.R')

##
##
## processing file:  templateSection.Rnw

##
  |
  |                                                                      |   0%
  |
  |.........                                                             |  14%
##    inline R code fragments
##
##
  |
  |.................                                                     |  29%
## label: unnamed-chunk-2 (with options)
## List of 1
##  $ results: chr "hide"
##
##
  |
  |...........................                                           |  43%
##   ordinary text without R code
##
##
  |
  |.....................................                                 |  57%
## label: histogram
##
  |
  |................................................                      |  71%
##   ordinary text without R code
##
##
  |
  |............................................................          |  86%
## label: unnamed-chunk-3
##
  |
  |......................................................................| 100%
##   ordinary text without R code
```

```
## output file:  year1.tex
##
##
##
## processing file:  templateSection.Rnw
## Error in parse_block(g[-1], g[1], params.src):  duplicate label
'unnamed-chunk-1'
```

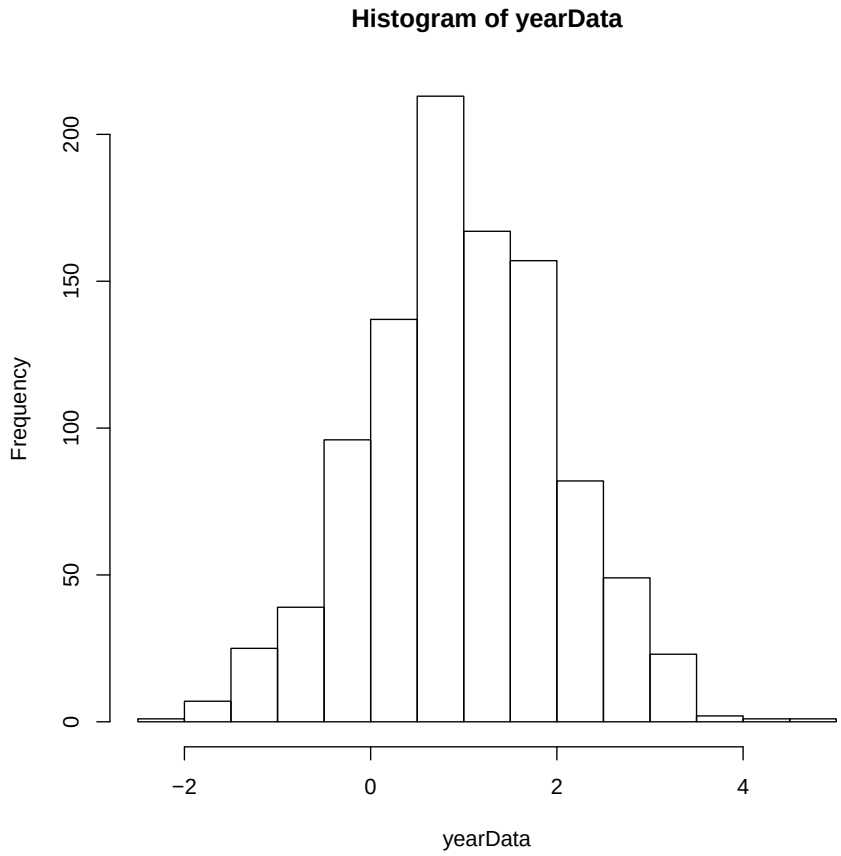
2 Year 1 results

Here is our "data" from year 1.

```
set.seed(y)
yearData = rnorm(1000, mean = y)
knitr::opts_chunk$set(fig.path = paste0('year',y,'/'))
```

Now let's make a plot:

```
hist(yearData)
```



And let's view the summary:

```
summary(yearData)

##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -2.0080  0.3026  0.9647  0.9884  1.6884  4.8103
```

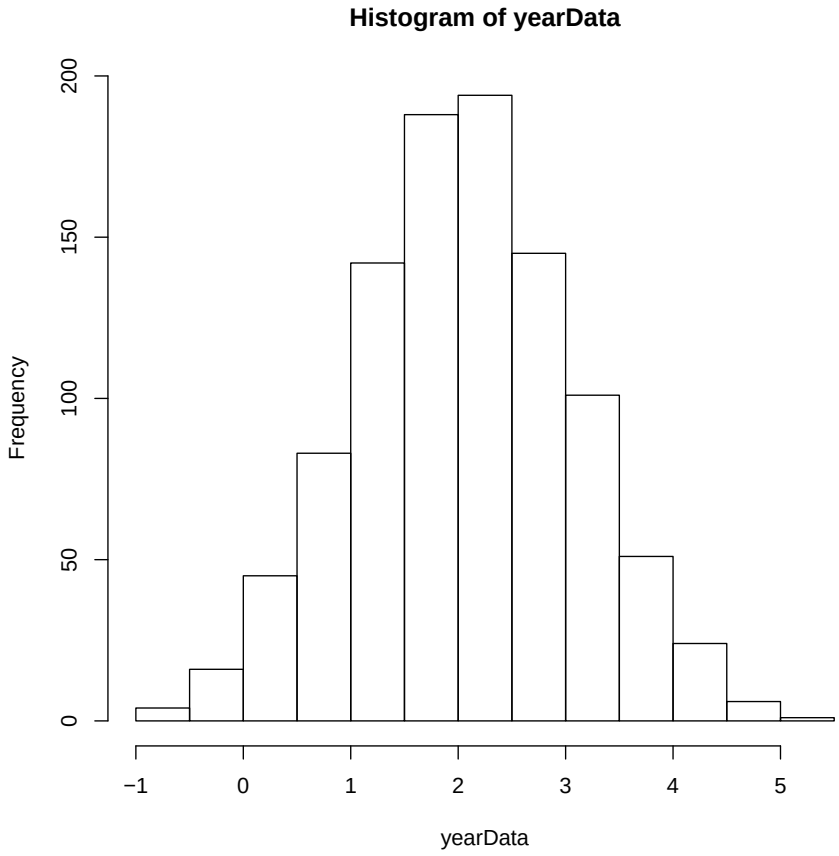
3 Year 2 results

Here is our "data" from year 2.

```
set.seed(y)
yearData = rnorm(1000, mean = y)
knitr::opts_chunk$set(fig.path = paste0('year',y,'/'))
```

Now let's make a plot:

```
hist(yearData)
```



And let's view the summary:

```
summary(yearData)

##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -0.7218  1.3687  2.0501  2.0620  2.7711  5.0088
```

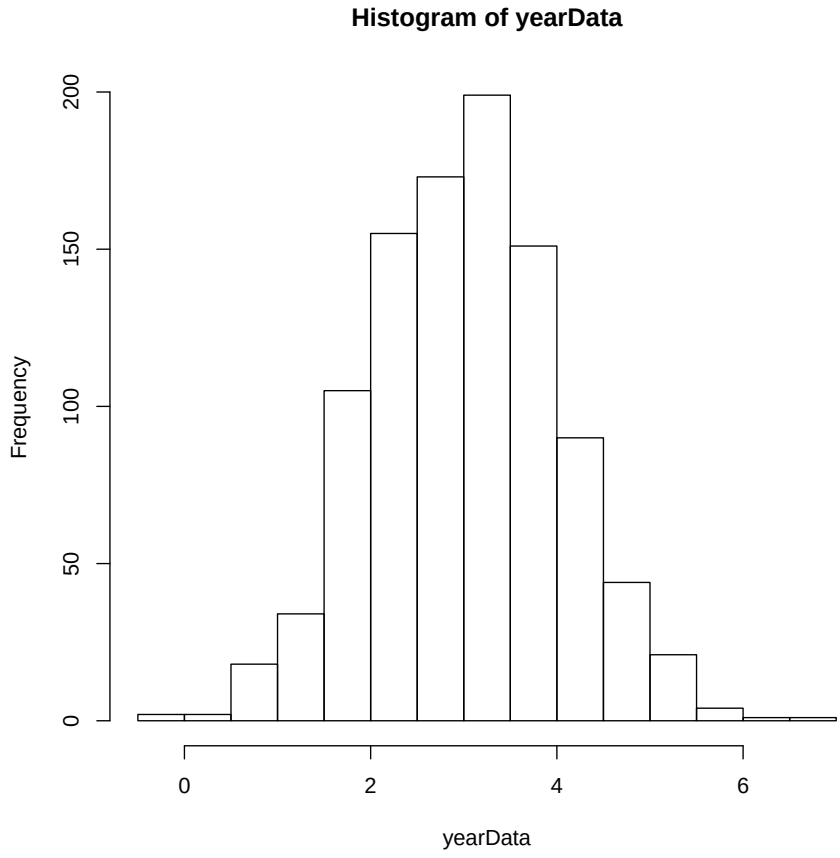
4 Year 3 results

Here is our "data" from year 3.

```
set.seed(y)
yearData = rnorm(1000, mean = y)
knitr::opts_chunk$set(fig.path = paste0('year',y,'/'))
```

Now let's make a plot:

```
hist(yearData)
```



And let's view the summary:

```
summary(yearData)

##     Min.  1st Qu.   Median     Mean  3rd Qu.     Max.
## -0.05633  2.31546  3.03234  3.00640  3.67667  6.51930
```

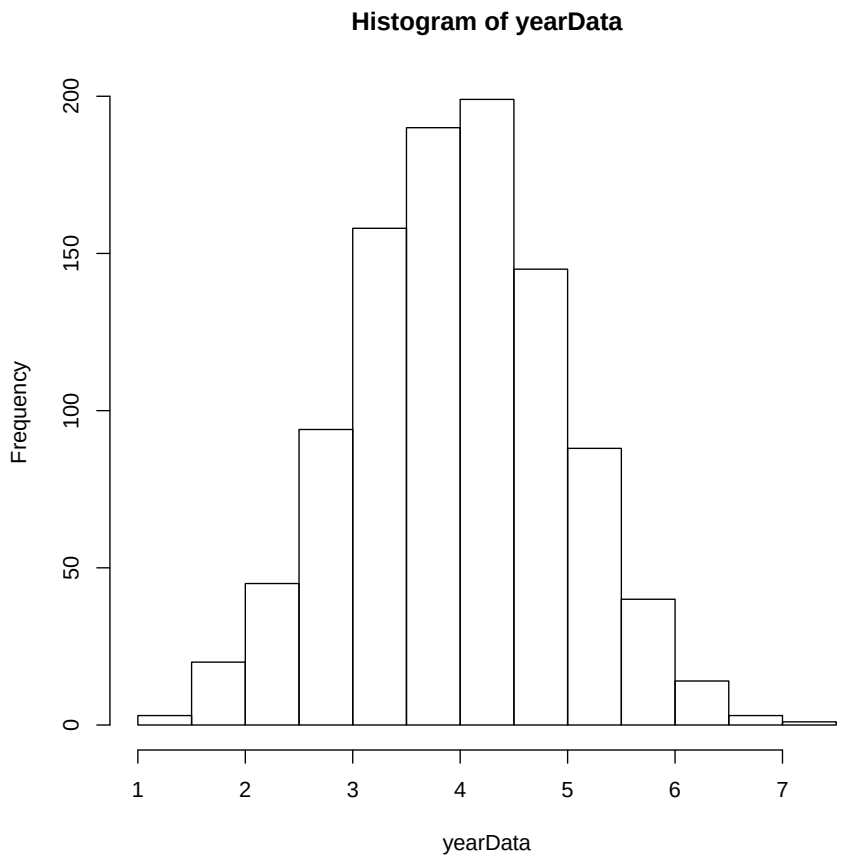
5 Year 4 results

Here is our "data" from year 4.

```
set.seed(y)
yearData = rnorm(1000, mean = y)
knitr::opts_chunk$set(fig.path = paste0('year',y,'/'))
```

Now let's make a plot:

```
hist(yearData)
```



And let's view the summary:

```
summary(yearData)
```

```
##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   1.160   3.334   3.960   3.966   4.635   7.174
```

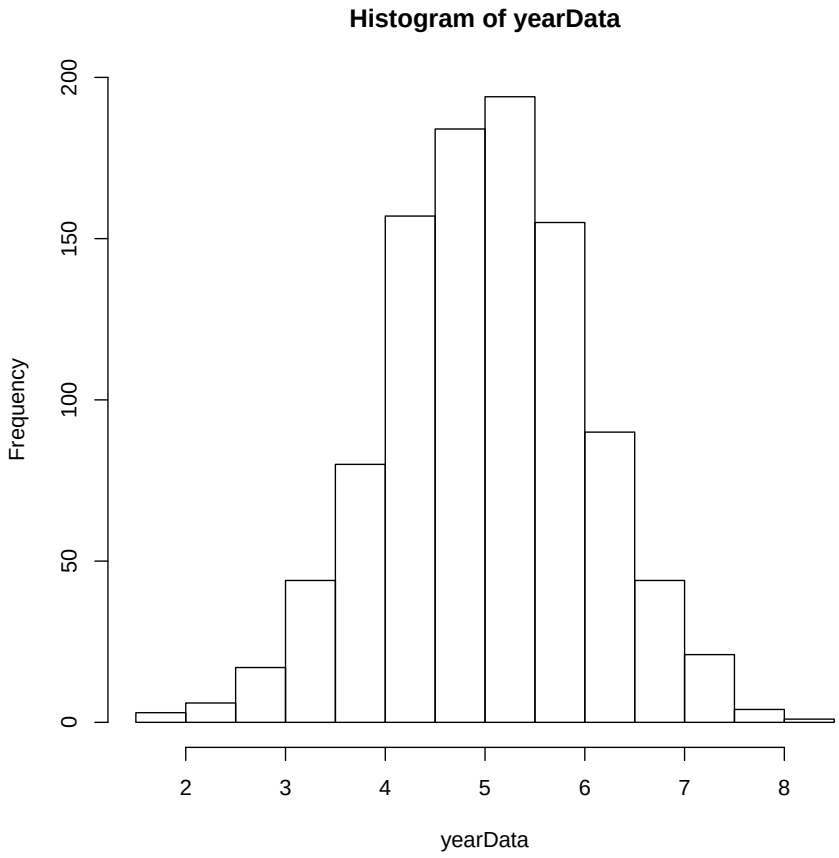
6 Year 5 results

Here is our "data" from year 5.

```
set.seed(y)
yearData = rnorm(1000, mean = y)
knitr::opts_chunk$set(fig.path = paste0('year',y,'/'))
```

Now let's make a plot:

```
hist(yearData)
```



And let's view the summary:

```
summary(yearData)

##    Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
##   1.502   4.344   5.022   5.017   5.692   8.402
```