

KnitrSpin.R

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This is a special R script which can be used to generate a report. You can write normal text in roxygen comments.

First we set up some options (you do not have to do this):

The report begins here.

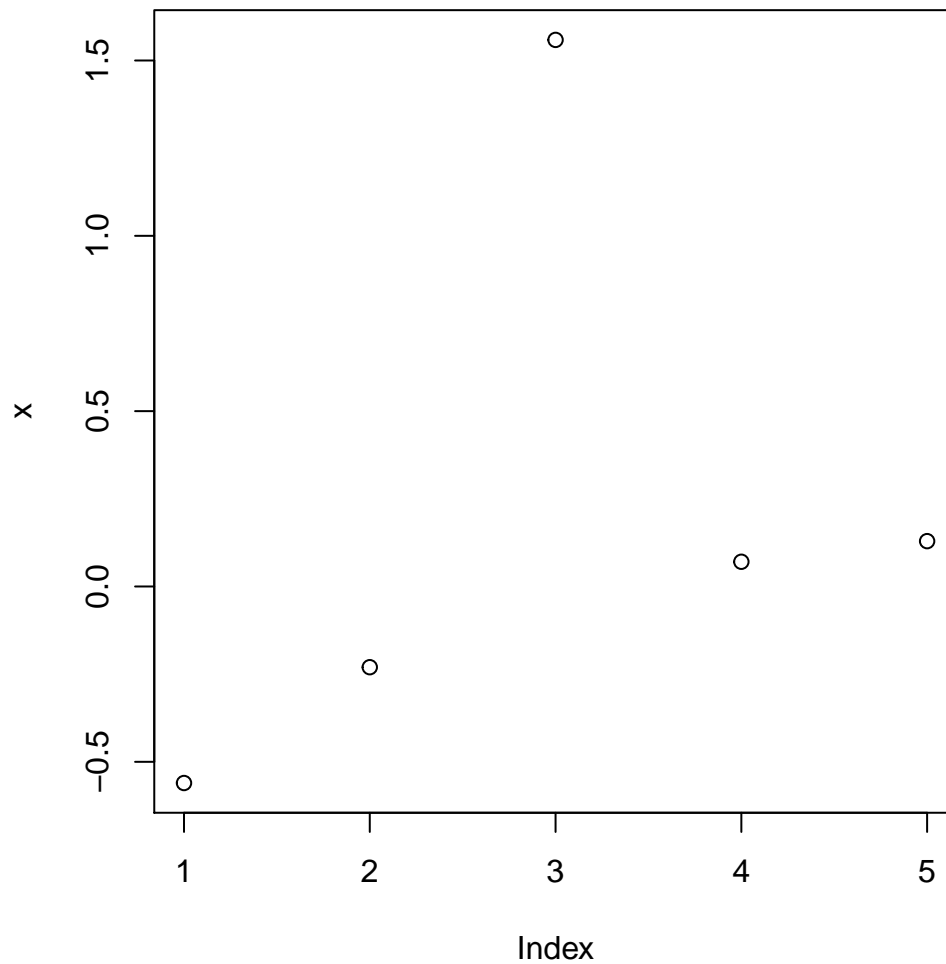
```
# boring examples as usual  
set.seed(123)  
x = rnorm(5)  
mean(x)
```

```
## [1] 0.1935703
```

You can use the special syntax `{{code}}` to embed inline expressions, e.g. 2.1935703 is the mean of x plus 2. The code itself may contain braces, but these are not checked. Thus, perfectly valid (though very strange) R code such as `{{2 + 3}} - {{4 - 5}}` can lead to errors because `2 + 3}} - {{4 - 5` will be treated as inline code.

Now we continue writing the report. We can draw plots as well.

```
par(mar = c(4, 4, .1, .1)); plot(x)
```



Actually you do not have to write chunk options, in which case knitr will use default options. For example, the code below has no options attached:

```
var(x)
```

```
## [1] 0.6577564
```

```
quantile(x)
```

```
##          0%          25%          50%          75%         100%
## -0.56047565 -0.23017749  0.07050839  0.12928774  1.55870831
```

And you can also write two chunks successively like this:

```
sum(x^2) # chi-square distribution with df 5
```

```
## [1] 2.818373
```

```
sum((x - mean(x))^2) # df is 4 now
```

```
## [1] 2.631026
```

Done. Call `spin('knitr-spin.R')` to make silk from sow's ear now and knit a lovely purse.