You can test if **knitr** works with this minimal demo. OK, let's get started with some boring random numbers:

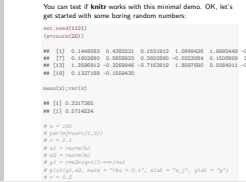
```
set.seed(1121)
(x=rnorm(20))
```

```
##  [1]  0.1449583  0.4383221  0.1531912  1.0849426  1.9995449 -0
##  [7]  0.1602680  0.5858923  0.3600880 -0.0253084  0.1508809  0
## [13]  1.3596812 -0.3269946 -0.7163819  1.8097690  0.5084011 -0
## [19]  0.1327188 -0.1559430
```

```
mean(x);var(x)
```

```
## [1] 0.3217385
## [1] 0.5714534
```

```
# n = 100
# par(mfrow=c(1,3))
# r = 0.1
# x1 = rnorm(n)
# x2 = rnorm(n)
# y1 = r*x2+sqrt(1-r*r)*x1
# plot(y1,x2, main = "rho = 0.1", xlab = "x_j", ylab = "y")
# r = 0.5
```

The first element of x is 0.1449583. Boring boxplots and histograms recorded by the PDF device: