

A knitr example that incorporates graphics is always nice. First, let's generate the data by drawing 1000 observations from the standard normal ($\mu = 0, \sigma = 1$).

```
data <- rnorm(1000) # 1000 obs. drawn from standard normal
```

Next, we create a summary table:

```
summary(data)
```

```
##      Min. 1st Qu.  Median    Mean 3rd Qu.    Max.
## -3.470  -0.656   0.004   0.035   0.755   2.930
```

Finally, we create a nice figure in which a density estimate is superimposed on a histogram:

```
hist(data, breaks = 40, freq = F, main = "Hist rnorm(1000)", xlab = "$x$")
lines(density(data), col = "red", lwd = 2)
```

