An example for the qTable function

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We attach the package and create some random data.

```
> require("NMOF")
> x <- rnorm(100L, mean = 0, sd = 1.5)
> y <- rnorm(100L, mean = 1, sd = 1)
> z <- rnorm(100L, mean = 1, sd = 0.5)
> X <- cbind(x, y, z)
> summary(X)

x
y
z
```

```
Min. :-3.18017 Min.
                      :-1.2846
                                 Min. :-0.5674
1st Qu.:-1.07178
               1st Qu.: 0.4729
                                 1st Qu.: 0.7455
                                 Median : 1.0064
Median: 0.06340 Median: 1.0650
Mean :-0.04479 Mean : 1.1213
                                 Mean : 1.0727
3rd Qu.: 0.75761
                 3rd Qu.: 1.7448
                                 3rd Qu.: 1.5230
Max. : 3.23984
               Max. : 3.3814
                                 Max. : 2.1821
```

A call to qTable could like this, and it will result in the LATEX output below.

If you use Sweave, use <<results=tex>>= to start a code chunk.

Examples

```
> ## with limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2)
    median
      0.06
            -3.18
                   3.24
 Х
       1.07
            -1.28
                   3.38
 y
           -0.57
       1.01
                   2.18
                         -10
                                -5
                                       0
                                              5
                                                     10
> ## without specified limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, dec = 2))
    median
             min
                  max
 X
      0.06
            -3.18
                   3.24
       1.07
           -1.28
                  3.38
 y
       1.01
           -0.57 2.18
                                -2
                                       0
                                              2
> ## 3 digits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, dec = 3))
    median
              min
                     max
     0.063
            -3.180
                   3.240
      1.065
            -1.285
                    3.381
 y
      1.006 -0.567 2.182
                                  -2
                           -4
                                         0
                                                2
> ## specific labels, but no limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             labels = c(-8,2,8), at = c(-8,2,8),
             circlesize = 0.0125, dec = 1))
    median min
                  max
       0.1
            -3.2
                   3.2
 Х
        1.1 -1.3
                   3.4
 y
        1.0 -0.6
                   2.2
 Z
          -8
                                                                  8
> ## specific labels and limits, linethickness
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
         labels = c("a","b","c"), at = c(-8,2,8),
         circlesize = 0.02, dec = 1, linethickness = "0.2ex",
         xmin = -10, xmax = 10)
    median min
                  max
       0.1
            -3.2
                   3.2
 \mathbf{X}
        1.1
           -1.3
                   3.4
 y
        1.0
           -0.6
                   2.2
                                         b
```