Examples for the `qTable` function

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We attach the package and create some random data.

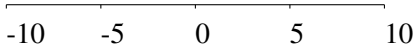
```
> require("NMOF")
> x <- rnorm(100L, mean = 0, sd = 1.5)
> y <- rnorm(100L, mean = 1, sd = 1)
> z <- rnorm(100L, mean = 1, sd = 0.5)
> X <- cbind(x, y, z)
> summary(X)
```

```
       x                y                z
 Min.   :-3.550   Min.   :-0.906   Min.   :-0.476
 1st Qu.:-0.946   1st Qu.: 0.471   1st Qu.: 0.643
 Median : 0.193   Median : 1.083   Median : 0.886
 Mean   : 0.139   Mean   : 1.102   Mean   : 0.903
 3rd Qu.: 1.116   3rd Qu.: 1.706   3rd Qu.: 1.165
 Max.   : 3.732   Max.   : 3.119   Max.   : 2.133
```

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

```
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```

	median	min	max
x	0.19	-3.55	3.73
y	1.08	-0.91	3.12
z	0.89	-0.48	2.13

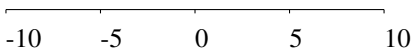


If you use Sweave, use `<<results=tex>>=` to start a code chunk.

Examples

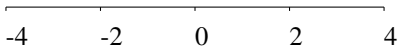
```
> ## with limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```

	median	min	max
x	0.19	-3.55	3.73
y	1.08	-0.91	3.12
z	0.89	-0.48	2.13



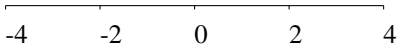

```
> ## without specified limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, dec = 2))
```

	median	min	max
x	0.19	-3.55	3.73
y	1.08	-0.91	3.12
z	0.89	-0.48	2.13



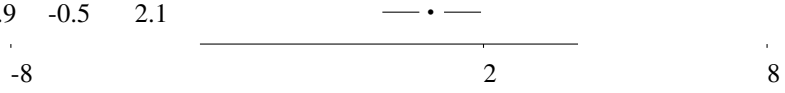

```
> ## 3 decimal places
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, dec = 3))
```

	median	min	max
x	0.193	-3.550	3.733
y	1.083	-0.906	3.119
z	0.886	-0.476	2.133



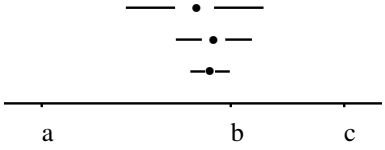

```
> ## specific labels, but no limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             labels = c(-8,2,8), at = c(-8,2,8),
             circlesize = 0.0125, dec = 1))
```

	median	min	max
x	0.2	-3.5	3.7
y	1.1	-0.9	3.1
z	0.9	-0.5	2.1



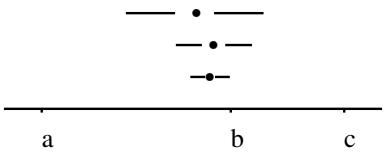

```
> ## specific labels and limits, linethickness
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
         labels = c("a","b","c"), at = c(-8,2,8),
         circlesize = 0.02, dec = 1, linethickness = "0.2ex",
         xmin = -10, xmax = 10))
```

	median	min	max
x	0.2	-3.5	3.7
y	1.1	-0.9	3.1
z	0.9	-0.5	2.1



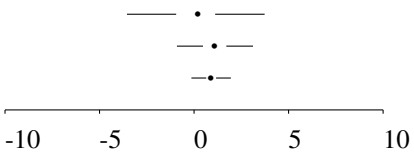
```
> ## specific labels and limits, linethickness
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
         labels = c("a","b","c"), at = c(-8,2,8),
         circlesize = 0.02, dec = 1, linethickness = "0.2ex",
         xmin = -10, xmax = 10))
```

	median	min	max
x	0.2	-3.5	3.7
y	1.1	-0.9	3.1
z	0.9	-0.5	2.1




```
> ## with limits and alternative functions
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2,
             funs = list(average = mean,
                         `10th Q.` = function(x) quantile(x, 0.1),
                         `90th Q.` = function(x) quantile(x, 0.9))))
```

	average	10th Q.	90th Q.
x	0.14	-1.89	2.29
y	1.10	-0.07	2.28
z	0.90	0.40	1.53




```
> ## with limits and without summary stats
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2,
             funs = list()))
```