

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. :-3.740	Min. :-1.174	Min. :-0.767
1st Qu.: -1.323	1st Qu.: 0.537	1st Qu.: 0.657
Median :-0.137	Median : 1.307	Median : 1.053
Mean :-0.222	Mean : 1.177	Mean : 1.017
3rd Qu.: 0.924	3rd Qu.: 1.752	3rd Qu.: 1.375
Max. : 3.031	Max. : 3.699	Max. : 2.052

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

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

	median	min	max	
x	-0.14	-3.74	3.03	— • —
y	1.31	-1.17	3.70	— • —
z	1.05	-0.77	2.05	— • —

-10 -5 0 5 10

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	-0.14	-3.74	3.03
y	1.31	-1.17	3.70
z	1.05	-0.77	2.05

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

	median	min	max
x	-0.14	-3.74	3.03
y	1.31	-1.17	3.70
z	1.05	-0.77	2.05

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

	median	min	max
x	-0.137	-3.740	3.031
y	1.307	-1.174	3.699
z	1.053	-0.767	2.052

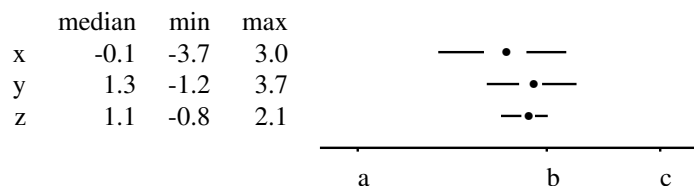
```
> ## specific labels, but no limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             labels = c(-8,2,8), at = c(-8,2,8),
             circlesize = 0.0125, dec = 1))
```

	median	min	max
x	-0.1	-3.7	3.0
y	1.3	-1.2	3.7
z	1.1	-0.8	2.1

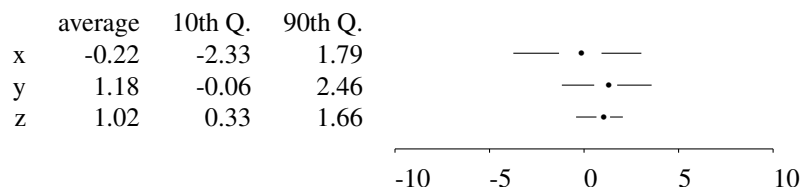
```
> ## specific labels and limits, linethickness
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
             labels = c("a","b","c"), at = c(-8,2,8),
             circlesize = 0.02, dec = 1, linethickness = "0.2ex",
             xmin = -10, xmax = 10))
```

	median	min	max
x	-0.1	-3.7	3.0
y	1.3	-1.2	3.7
z	1.1	-0.8	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))
```



```
> ## 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))))
```



```
> ## 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()))
```

