

Examples for the qTable function

Enrico Schumann
es@enricoschumann.net

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.	:-3.876	Min. :-2.105	Min. :0.0757
1st Qu.:	-0.918	1st Qu.: 0.552	1st Qu.:0.6823
Median	:-0.200	Median : 0.975	Median :1.1025
Mean	:-0.133	Mean : 0.921	Mean :1.0473
3rd Qu.:	0.541	3rd Qu.: 1.556	3rd Qu.:1.4273
Max.	: 3.019	Max. : 2.825	Max. :2.2913

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	-0.20	-3.88	3.02	— • —
y	0.98	-2.10	2.83	— • —
z	1.10	0.08	2.29	— • —

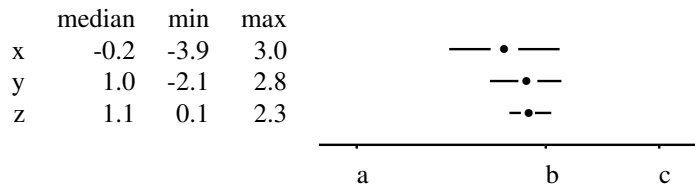
-10 -5 0 5 10

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


```

> ## 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))

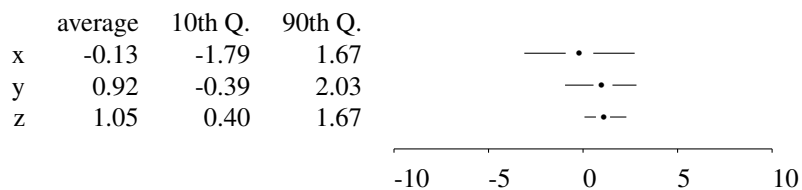
```



```

> ## 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()))

```

