

# An example for the qTable function

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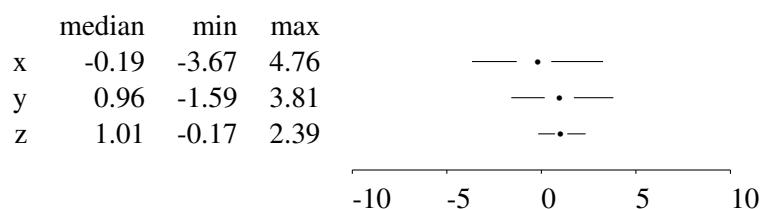
We attach the package and create some random data.

```
> 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.	:-3.6677	Min. :-1.5910	Min. :-0.1679
1st Qu.:	-1.3028	1st Qu.: 0.1767	1st Qu.: 0.7225
Median :	-0.1894	Median : 0.9636	Median : 1.0083
Mean :	-0.2254	Mean : 0.9334	Mean : 1.0375
3rd Qu.:	0.5238	3rd Qu.: 1.7240	3rd Qu.: 1.3693
Max. :	4.7609	Max. : 3.8113	Max. : 2.3858

A call to qTable could like this, and it will result in the L<sup>A</sup>T<sub>E</sub>X output below.

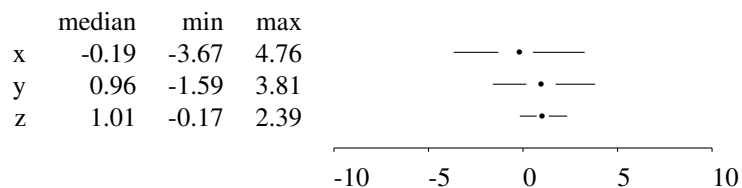
```
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```



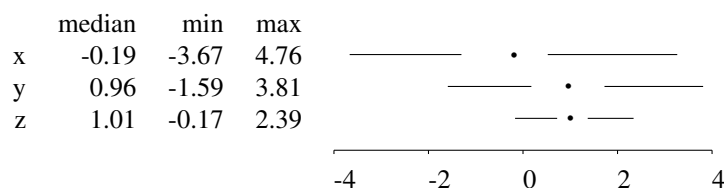
If you use Sweave, use `<<results=tex>>=` to start a code chunk.

## Examples

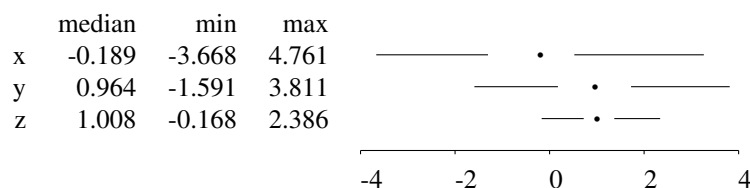
```
> ## with limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```



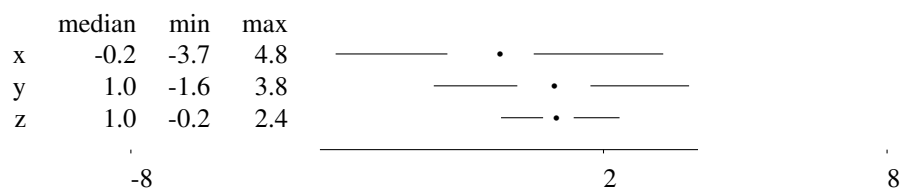
```
> ## without specified limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, dec = 2))
```



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



```
> ## 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))
```



```
> ## 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))
```

