

# An example for the qTable function

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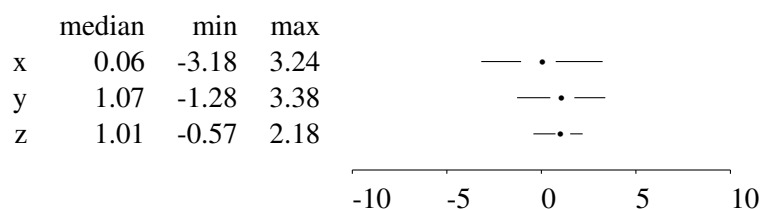
We attach the package and create some random data.

```
> 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 : 0.06340	Median : 1.0650	Median : 1.0064
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 L<sup>A</sup>T<sub>E</sub>X output below.

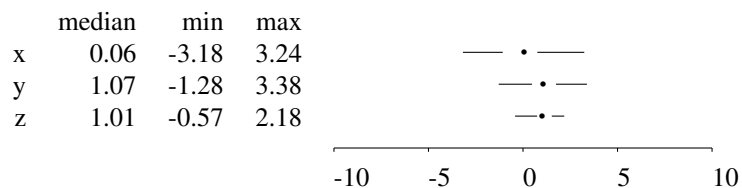
```
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```



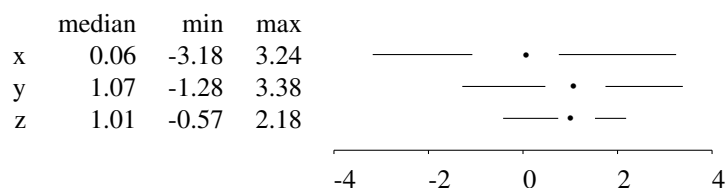
If you use Sweave, use `<<results=tex>>=` to start a code chunk.

## Examples

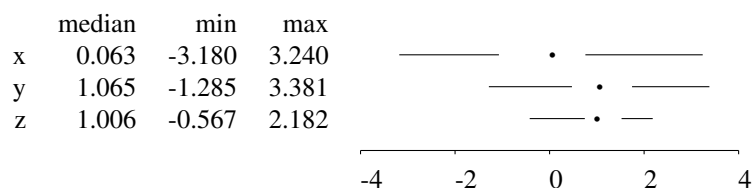
```
> ## with limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, xmin = -10, xmax = 10, dec = 2))
```



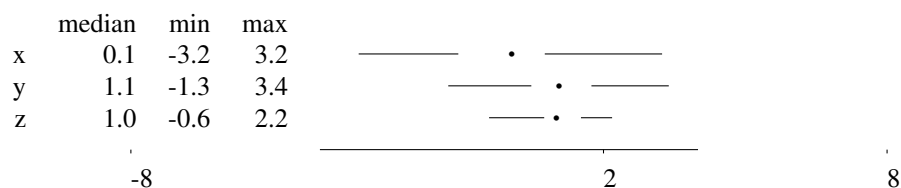
```
> ## without specified limits
> cat(qTable(X, yoffset = -0.025, unitlength = "5cm",
+          circlesize = 0.0125, dec = 2))
```



```
> ## 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))
```

