

```
# stratified bootstrap median
```

```
x <- c(0.21, 0.16, 0.32, 0.69)
```

```
y <- c(1.15, 0.9, 0.87, 0.87, 0.73)
```

```
z <- numeric(5000)
```

```
for(i in seq_len(5000))
```

```
z[i] <- median(sample(x, replace=TRUE)) - median(sample(y, replace=TRUE))
```

```
quantile(z,prob=c(0.5,(1-0.95)/2,(1-(1-0.95)/2)))
```