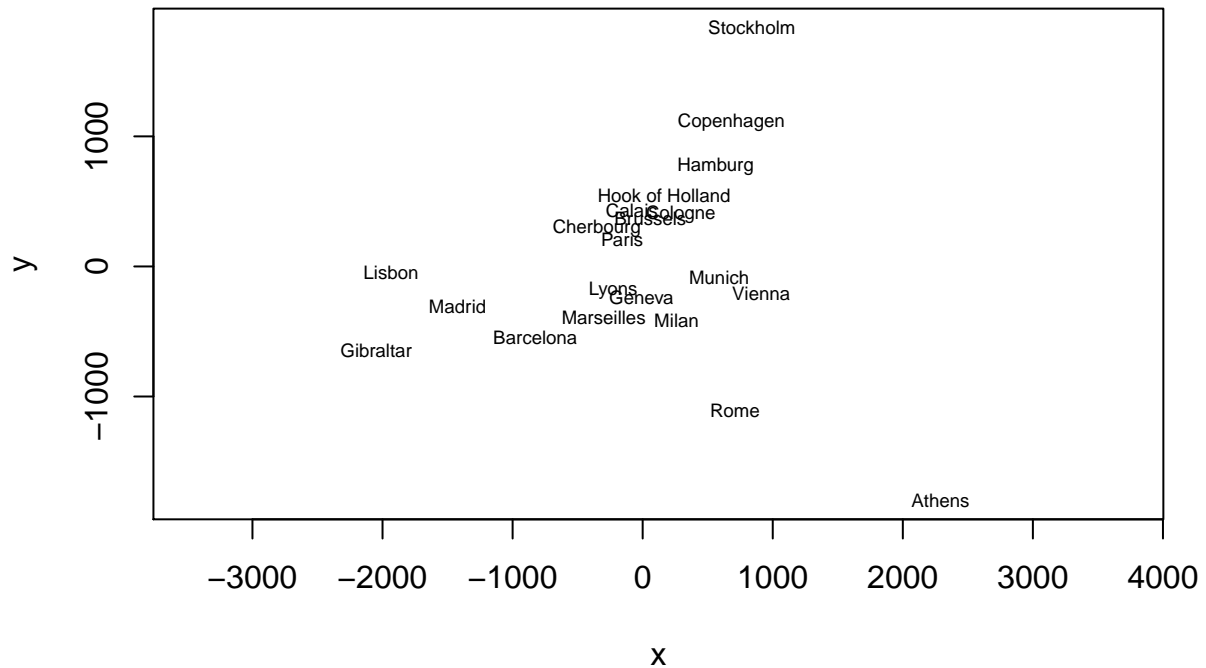


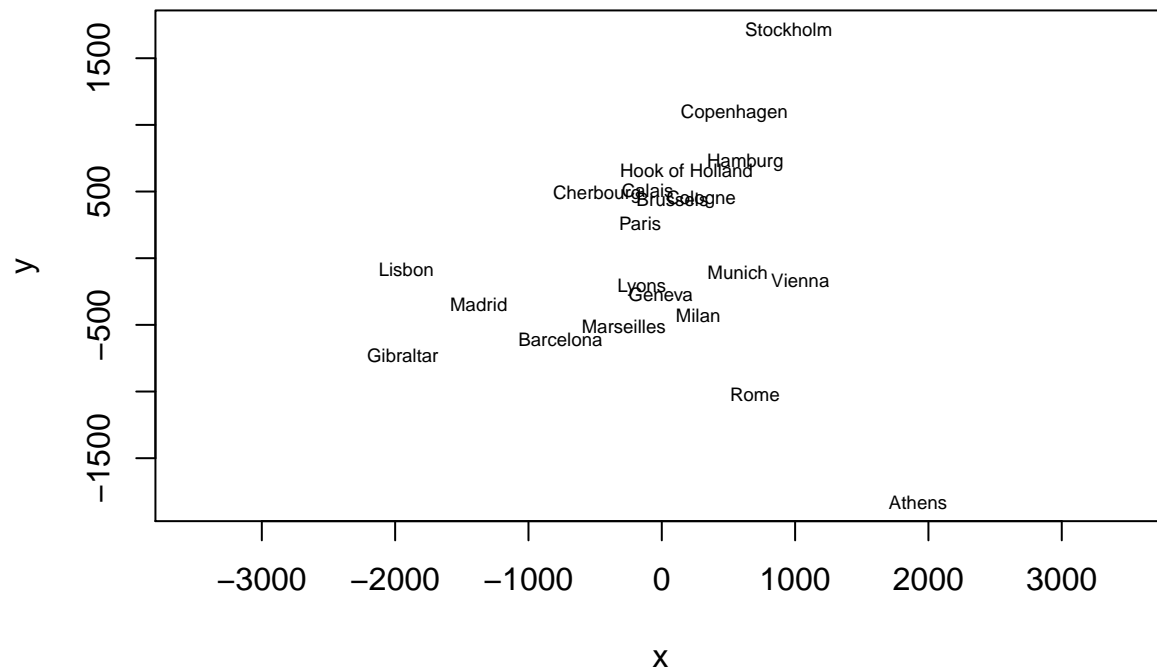
```
loc <- cmdscale(eurodist)
x <- loc[, 1]
y <- -loc[, 2] # reflect so North is at the top
## note asp = 1, to ensure Euclidean distances are represented correctly
plot(x, y, type = "n", asp=1)
text(x, y, rownames(loc), cex = 0.6)
```



```
library(MASS)
loc.sammon <- sammon(eurodist, k=2)$points
```

```
## Initial stress      : 0.01705
## stress after 10 iters: 0.00951, magic = 0.500
## stress after 20 iters: 0.00941, magic = 0.500
```

```
x <- loc.sammon[, 1]
y <- -loc.sammon[, 2] # reflect so North is at the top
## note asp = 1, to ensure Euclidean distances are represented correctly
plot(x, y, type = "n", asp=1)
text(x, y, rownames(loc.sammon), cex = 0.6)
```



```
loc.isoMDS <- isoMDS(eurodist, k=2)$points
```

```
## initial value 7.505733
## final value 7.505688
## converged
```

```
x <- loc.isoMDS[, 1]
y <- -loc.isoMDS[, 2] # reflect so North is at the top
## note asp = 1, to ensure Euclidean distances are represented correctly
plot(x, y, type = "n", asp=1)
text(x, y, rownames(loc.isoMDS), cex = 0.6)
```

