GIS

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Plot Swedish municipal borders

```r
data=vect("jl_riks/jl_riks.shp")

#What type of object is it?
str(data)
```

```
## S4 class 'SpatVector' [package "terra"]
```

```r
data
```

```
##  class       : SpatVector
##  geometry    : lines
##  dimensions  : 4341, 0  (geometries, attributes)
##  extent      : 279666.6, 936531.5, 6137193, 7595527  (xmin, xmax, ymin, ymax)
##  source      : jl_riks.shp
##  coord. ref. : SWEREF99 TM (EPSG:3006)
```
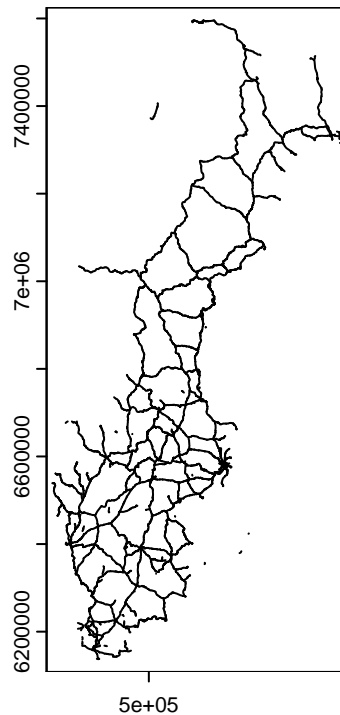
```r
#CRS: SWEREF99 TM (EPSG:3006)
plot(data)
```

Plot Swedish railway lines together with the municipal borders

```
data2=vect("KommunRT90/Kommun_RT90_region.shp")
```

```
#What type of object is it?
str(data2)
```

```
## S4 class 'SpatVector' [package "terra"]
```

```
data2
```

```
##  class       : SpatVector
##  geometry    : polygons
##  dimensions  : 290, 2  (geometries, attributes)
##  extent      : 1230810, 1880916, 6137234, 7669583  (xmin, xmax, ymin, ymax)
##  source      : Kommun_RT90_region.shp
##  coord. ref. : RT90 2.5 gon V (EPSG:3021)
##  names       : KnKod        KnNamn
##  type        : <chr>         <chr>
##  values      :  0114 Upplands Väsby
##                 0115      Vallentuna
##                 0117       Österåker
```

```
#CRS: RT90 2.5 gon V (EPSG:3021)
new.crs<-crs(data2)
data.newproj<-project(data,new.crs)
plot(data.newproj)
```

```r
plot(data2,add=TRUE)
```