

Hello, Paulo

My suggestion is

```
library(maptools) # loads sp library too
library(RColorBrewer) # creates nice color schemes
library(classInt) # finds class intervals for continuous variables

file.shp <- readShapePoly("yourfile.shp")

plotvar <- file.shp@data$your_var_to_be_plot
nclr <- 8
plotclr <- brewer.pal(nclr,"BuPu")
class <- classIntervals(plotvar, nclr, style="quantile",dataPrecision=0)
colcode <- findColours(class, plotclr)

plot(file.shp)
plot(file.shp, col=colcode, add=T)
title(main="your title")
sub="Quantile (Equal-Frequency) Class Intervals")
legend(locator(1), legend=names(attr(colcode, "table")),
fill=attr(colcode, "palette"), cex=0.6, bty="n")
```

Conceição Ribeiro