mtext = margin text

Margins, etc. cannot be set inside plot command, and once they are set within par command they stay set that way until you run a different par command

Look in par graphical parameter file

You can nest pars for inset plots

Special text styles and symbols:

mtext

~ adds spaces, not exactly a 12-point space but, multiple tildas adds multiple spaces, the whole expression can be but inside the xlab, ylab statement

certain symbols, like

Axes, confidence interval, legend:

\* in general, get rid of default axis/labels, write in own from scratch\*

pch

symbols are defined by [,1], etc

log data during plotting instead of logging the axis is preferred, but you have to fine tune the axis presentation later

leave x axis off xlab=NA

make x axis how you want it :

axis(1, at=c(-1,0,1,2,3), labels=c(0.1, 1, 10, 100, 1000). Put NAs if you want to skip a label, the two strings need to be the same length.

plotrix library necessary for axis breaks, 3 styles of axis breaks available, look at Drew’s power point for code details

Multi-panel plots:

“layout” can be used in place of mfrow

outer margin (“oma”) specifies an outer margin, can be used for margin text on a multi-panel figure (axis labels that float outside, etc.)

Adding a shaded polygon:

Add between data points, or add between lines in plot

R color brewer package adds neat color pallettes and capabilities

\n within label “” stacks text into multiple lines

e.g. Katie Price

becomes Katie

Price

bty meaningless for barchart