R Base Graphics Cheatsheet

SET GRAPHICAL PARAMETERS				ADD TEXT				
multiple plots	<pre>the following can of</pre>	()	oma = c(bottom, left, top, right) default: c(0,0,0,0) lines	axis labels subtitle title	xlab =, ylab = sub = main =	all elements axis labels subtitle	size nification factor) cex = cex.lab = cex.sub =	
plot margins	mar = c(bottom, left, top, right) default: c(5.1, 4.1, 4.1, 2.1) lines	query x & y limits	par ("usr")	font face	style font = 1 (plain) 2 (bold) 3 (italic) 4 (bold italic)	title	els cex.axis = cex.main = position	
Bar charts bar labels	<pre>barplot(height,) names.arg =</pre>	Histograms breakpts	<pre>hist(x,) breaks =</pre>	font family	family = "serif" "sans" "mono"	text direction justification	las = 1 (horizontal) adj = 0 .5 1 (left, center, right)	
border fill color	border = col =	-1 =			ADD TO AN EXISTING PLOT			
horizontal Box plots horizontal	<pre>horiz = TRUE boxplot(x,) horizontal = TRUE</pre>	line type	<pre>plot(x, type = "1") "blank" 0 lty = "solid" 1 "dashed" 2 "dotted" 3 lwd =</pre>	ex.barplot(x, add = TRUE) Axes axis (side, location side = 1 2	(, add = TRUE)	line style line width	col = points (x,) pch = + × ⋄ ▽ ⋈ * ⋄ ⊕ భ ⊞ 3 4 5 6 7 8 9 10 11 12	
box labels Dot plots dot labels	<pre>names = dotchart(x,) labels =</pre>	Scatterplots symbol	plot(<i>x</i> ,) pch =		side = 1 2 3 4 (bottom, left, top, right)	symbol p		
REMOVE			ADJUST	location	at = tick = FALSE		▲ ◆ ● ◆ ○ □ ♦ △ ▽ 17 18 19 20 21 22 23 24 25	
axis labels	ann = FALSE	allow plotting		remove rotate text	las = 1 (horizontal)	color fill color	col = bg = (pch: 21-25 only)	
axis, tickmark and labels plot box	s, xaxt = "n" yaxt = "n" bty = "n"	out of plot region aspect ratio	<pre>xpd = TRUE asp =</pre>	Axis labels location lines to skip	<pre>mtext (text,) side = 1 2 3 4 (bottom, left, top, right) line = (from plot</pre>	position	text (x, y, text,) pos = 1 2 3 4 (below, left, above, right) (default=center)	
•	the parameters here set in par(). See R options.	axis limits axis lines to match axis limits	<pre>xlim =, ylim = xaxs = "i" , yaxs = "i" (internal</pre>	position	<pre>region, default = 0) at = xory-coord (depending on side) adj = 0 .5 1 (left, center, right)</pre>	subtitle title	<pre>title (main,) xlab =, ylab = sub = main = joycerobbins1@gmail.com</pre>	