



## Plot elements

- 1 **plot.title**  
element\_text()
- 2 **plot.subtitle**  
element\_text()
- 3 **plot.tag**  
element\_text()  
**plot.tag.position**  
"topleft", "top", "topright",  
"left", "right", "bottomleft",  
"bottom", "bottomright"  
or a coordinate
- 4 **plot.background**  
element\_rect()
- 5 **plot.caption**  
element\_text()
- 6 **plot.margin**  
margin()

## Panel elements

- 7 **panel.border**  
element\_rect()
- 8 **panel.background**  
element\_rect()
- 9 **panel.grid.minor**  
element\_line()
- 10 **panel.grid.major**  
element\_line()
- **aspect.ratio**  
numeric

## Facet elements

- 11 **panel.spacing**  
unit()
- 12 **strip.background**  
element\_rect()
- 13 **strip.text**  
element\_text()

## Legend elements

- 14 **legend.background**  
element\_rect()
- 15 **legend.key**  
element\_rect()
- 16 **legend.title**  
element\_text()  
**legend.title.align**  
Numeric between 0 to 1,  
where: 0=left, 1=right
- 17 **legend.text**  
element\_text()  
**legend.text.align**  
Numeric between 0 to 1,  
where: 0=left, 1=right
- 18 **legend.margin**  
margin()
- **legend.position**  
"none", "left", "right", "bottom", "top",  
or two-element numeric vector

## Axis elements

- 19 **axis.line**  
element\_line()
- 20 **axis.ticks**  
element\_line()  
**axis.ticks.length**  
unit()
- 21 **axis.text**  
element\_text()
- 22 **axis.title**  
element\_text()

## Global

These affect all elements of same type in the plot. Useful to define defaults.

<b>text</b> element_text()	<b>line</b> element_line()
<b>rect</b> element_rect()	<b>title</b> element_text()

## Element functions

### element\_text()

(font) family  
(font) face  
(font) colour  
(font) size (in points)  
hjust [0.1] (0=left, 1=right)  
vjust [0.1] (0=bottom, 1=top)  
angle (in degrees)  
lineheight (as ratio of fontcase)  
margin  
margin (t, r, b, l)  
#remember trouble

### element\_line()

(line) colour  
size (width of line)  
linetype  
An integer (0:8)  
A name ("blank", "solid",  
"dashed", "dotted", "dotted",  
"longdash", "twodash")  
lineend  
"round", "butt", "square"  
arrow  
An arrow specification: arrow()

### element\_rect()

fill  
colour  
size (width of border)  
linetype (of border) (see element\_line)

### element\_blank()

Eliminates element  
Doesn't take parameters

### Note.

Of those elements that have two components, the way to access is by appending .x or .y at the end. e.g. axis.line.y will change only the "y" axis line. Idem with "x". If nothing is specified (e.g. axis.line), both elements (x and y) will be changed.