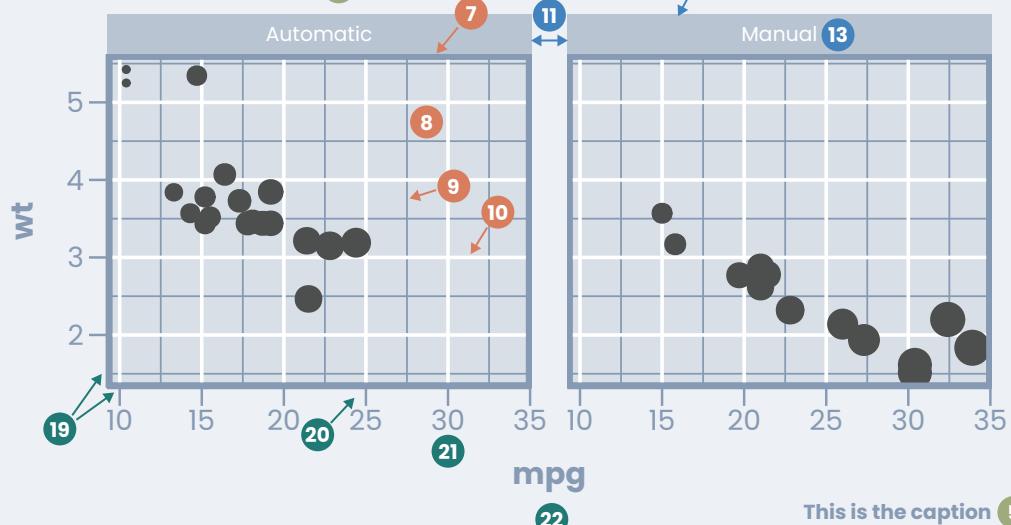


a) 3

## This is the title 1

### This is a subtitle 2



4

## 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", "dotdash",  
 "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.

## 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.

**text**  
 element\_text()

**line**  
 element\_text()

**rect**  
 element\_rect()

**title**  
 element\_text()