```
theme_get()
                                                                  ## ..$ family
                                                                                 : NULL
                                                                  ## ..$ face
                                                                                    : NULL
## List of 60
                                                                  ## ..$ colour
                                                                                   : NULL
## $ line
                    :List of 6
                                                                  ## ..$ size
                                                                                   : NULL
## ..$ colour
              : chr "black"
                                                                  ## ..$ hjust : NULL
## ..$ size
                 : num 0.636
                                                                  ## ..$ vjust
                                                                                   : num O
## ..$ linetype : num 1
                                                                  ## ..$ angle
                                                                                 : NULL
## ..$ lineend
               : chr "butt"
                                                                  ## ..$ lineheight : NULL
## ..$ arrow : logi FALSE
                                                                  ## ..$ margin
                                                                                 : 'margin' num [1:4] Opt Opt 3.5pt Opt
## ..$ inherit.blank: logi TRUE
                                                                  ## ... -- attr(*, "valid.unit")= int 8
## ..- attr(*, "class")= chr [1:2] "element_line" "element"
                                                                  ## .. ..- attr(*, "unit")= chr "pt"
             :List of 5
## $ rect
                                                                  ## ..$ debug
                                                                                : NULL
             : chr "transparent"
## ..$ fill
                                                                  ## ..$ inherit.blank: logi TRUE
## ..$ colour : logi NA
                                                                  ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ..$ size : num 0
                                                                  ## $ axis.title.y :List of 11
## ..$ linetype : num 0
                                                                  ## ..$ family : NULL
## ..$ inherit.blank: logi TRUE
                                                                  ## ..$ face
                                                                                   : NULL
## ..- attr(*, "class")= chr [1:2] "element_rect" "element"
                                                                  ## ..$ colour : NULL
## $ text :List of 11
                                                                  ## ..$ size : NULL
## ..$ family : chr ""
                                                                  ## ..$ hjust : NULL
## ..$ face
                : chr "plain"
                                                                  ## ..$ vjust : NULL
## ..$ colour
                : chr "black"
                                                                 ## ..$ angle
                                                                                : num 90
             : num 14
## ..$ size
                                                                 ## ..$ lineheight : NULL
## ..$ hjust : num 0.5
                                                                 ## ..$ margin
                                                                                 : 'margin' num [1:4] Opt 6pt 0pt 3pt
## ..$ vjust : num 0.5
                                                                  ## ... -- attr(*, "valid.unit")= int 8
## ..$ angle : num 0
                                                                  ## .. ..- attr(*, "unit")= chr "pt"
## ..$ lineheight : num 0.9
                                                                                : NULL
                                                                  ## ..$ debug
## ..$ margin : 'margin' num [1:4] Opt Opt Opt
                                                                  ## ..$ inherit.blank: logi TRUE
## ... -- attr(*, "valid.unit")= int 8
                                                                  ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## .. ..- attr(*, "unit")= chr "pt"
                                                                  ## $ axis.title.y.right :List of 11
## ..$ debug
              : logi FALSE
                                                                  ## ..$ family : NULL
## ..$ inherit.blank: logi TRUE
                                                                  ## ..$ face
                                                                                   : NULL
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                  ## ..$ colour
                                                                                   : NULL
## $ axis.title.x :List of 11
                                                                  ## ..$ size : NULL
## ..$ family : NULL
                                                                  ## ..$ hjust : NULL
## ..$ face
                : NULL
                                                                  ## ..$ vjust : num 0
## ..$ colour
                 : NULL
                                                                  ## ..$ angle
                                                                                : num -90
## ..$ size
                 : NULL
                                                                  ## ..$ lineheight : NULL
## ..$ hjust : NULL
                                                                  ## ..$ margin
                                                                                 : 'margin' num [1:4] Opt Opt Opt 3.5pt
## ..$ vjust : NULL
                                                                  ## .. ..- attr(*, "valid.unit")= int 8
## ..$ angle
             : NULL
                                                                  ## .. ..- attr(*, "unit")= chr "pt"
## ..$ lineheight : NULL
                                                                                : NULL
                                                                  ## ..$ debug
                : 'margin' num [1:4] 6pt 0pt 3pt 0pt
## ..$ margin
                                                                  ## ..$ inherit.blank: logi TRUE
## ...- attr(*, "valid.unit")= int 8
                                                                  ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ... - attr(*, "unit")= chr "pt"
                                                                  ## $ axis.text
                                                                                :List of 11
              : NULL
## ..$ debug
                                                                  ## ..$ family : NULL
## ..$ inherit.blank: logi TRUE
                                                                  ## ..$ face
                                                                                   : NULL
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                  ## ..$ colour
                                                                                   : chr "black"
## $ axis.title.x.top :List of 11
```

```
## ..$ size
                : num 12
                                                                   ## ..$ margin : 'margin' num [1:4] Opt 3pt Opt Opt
## ..$ hjust
                 : NULL
                                                                   ## ...- attr(*, "valid.unit")= int 8
## ..$ vjust
                                                                   ## ... - attr(*, "unit")= chr "pt"
                 : NULL
## ..$ angle
                 : NULL
                                                                   ## ..$ debug : NULL
## ..$ lineheight : NULL
                                                                   ## ..$ inherit.blank: logi TRUE
## ..$ margin : NULL
                                                                   ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ..$ debug
                 : NULL
                                                                   ## $ axis.text.y.right :List of 11
                                                                   ## ..$ family : NULL
## ..$ inherit.blank: logi TRUE
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                   ## ..$ face
                                                                                     : NULL
## $ axis.text.x :List of 11
                                                                   ## ..$ colour
                                                                                     : NULL
## ..$ family : NULL
                                                                   ## ..$ size : NULL
## ..$ face
                : NULL
                                                                   ## ..$ hjust
                                                                                  : num 0
## ..$ colour : NULL
                                                                   ## ..$ vjust
                                                                                : NULL
## ..$ size
                : NULL
                                                                   ## ..$ angle
                                                                                     : NULL
## ..$ hjust : NULL
                                                                   ## ..$ lineheight : NULL
## ..$ vjust : num 1
                                                                   ## ..$ margin : 'margin' num [1:4] Opt Opt Opt 2.8pt
## ..$ angle
                 : NULL
                                                                   ## ... -- attr(*, "valid.unit")= int 8
## ..$ lineheight : NULL
                                                                   ## ... -- attr(*, "unit")= chr "pt"
## ..$ margin
                 : 'margin' num [1:4] 3pt 0pt 0pt 0pt
                                                                   ## ..$ debug : NULL
## ... - attr(*, "valid.unit")= int 8
                                                                   ## ..$ inherit.blank: logi TRUE
## .. ..- attr(*, "unit")= chr "pt"
                                                                   ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                   ## $ axis.ticks :List of 6
## ..$ debug
                : NULL
## ..$ inherit.blank: logi TRUE
                                                                   ## ..$ colour : chr "black"
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                   ## ..$ size
                                                                                     : num 0.5
## $ axis.text.x.top :List of 11
                                                                   ## ..$ linetype : NULL
## ..$ family : NULL
                                                                   ## ..$ lineend
                                                                                     : NULL
               : NULL
## ..$ face
                                                                   ## ..$ arrow : logi FALSE
## ..$ colour : NULL
                                                                   ## ..$ inherit.blank: logi TRUE
## ..$ size
               : NULL
                                                                   ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
                                                                   ## $ axis.ticks.length : 'unit' num 3.5pt
## ..$ hjust : NULL
                                                                   ## ..- attr(*, "valid.unit")= int 8
## ..$ vjust : num 0
              : NULL
                                                                   ## ..- attr(*, "unit")= chr "pt"
## ..$ angle
## ..$ lineheight : NULL
                                                                   ## $ axis.line
                                                                                        :List of 6
## ..$ margin
                : 'margin' num [1:4] Opt Opt 2.8pt Opt
                                                                   ## ..$ colour : chr "black"
## ... -- attr(*, "valid.unit")= int 8
                                                                   ## ..$ size : num 0.5
## .. ..- attr(*, "unit")= chr "pt"
                                                                   ## ..$ linetype : NULL
## ..$ debug
                                                                   ## ..$ lineend
                : NULL
                                                                                     : chr "square"
## ..$ inherit.blank: logi TRUE
                                                                   ## ..$ arrow
                                                                                    : logi FALSE
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                   ## ..$ inherit.blank: logi TRUE
                                                                   ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
## $ axis.text.y :List of 11
## ..$ family
                 : NULL
                                                                   ## $ axis.line.x :List of 6
## ..$ face
                : NULL
                                                                   ## ..$ colour : chr "black"
## ..$ colour
                : NULL
                                                                   ## ..$ size
                                                                                     : num 0.5
## ..$ size
                : NULL
                                                                   ## ..$ linetype : NULL
## ..$ hjust
                : num 1
                                                                   ## ..$ lineend
                                                                                     : chr "square"
## ..$ vjust
                : NULL
                                                                   ## ..$ arrow
                                                                                     : logi FALSE
## ..$ angle
                 : NULL
                                                                   ## ..$ inherit.blank: logi TRUE
## ..$ lineheight : NULL
                                                                   ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
```

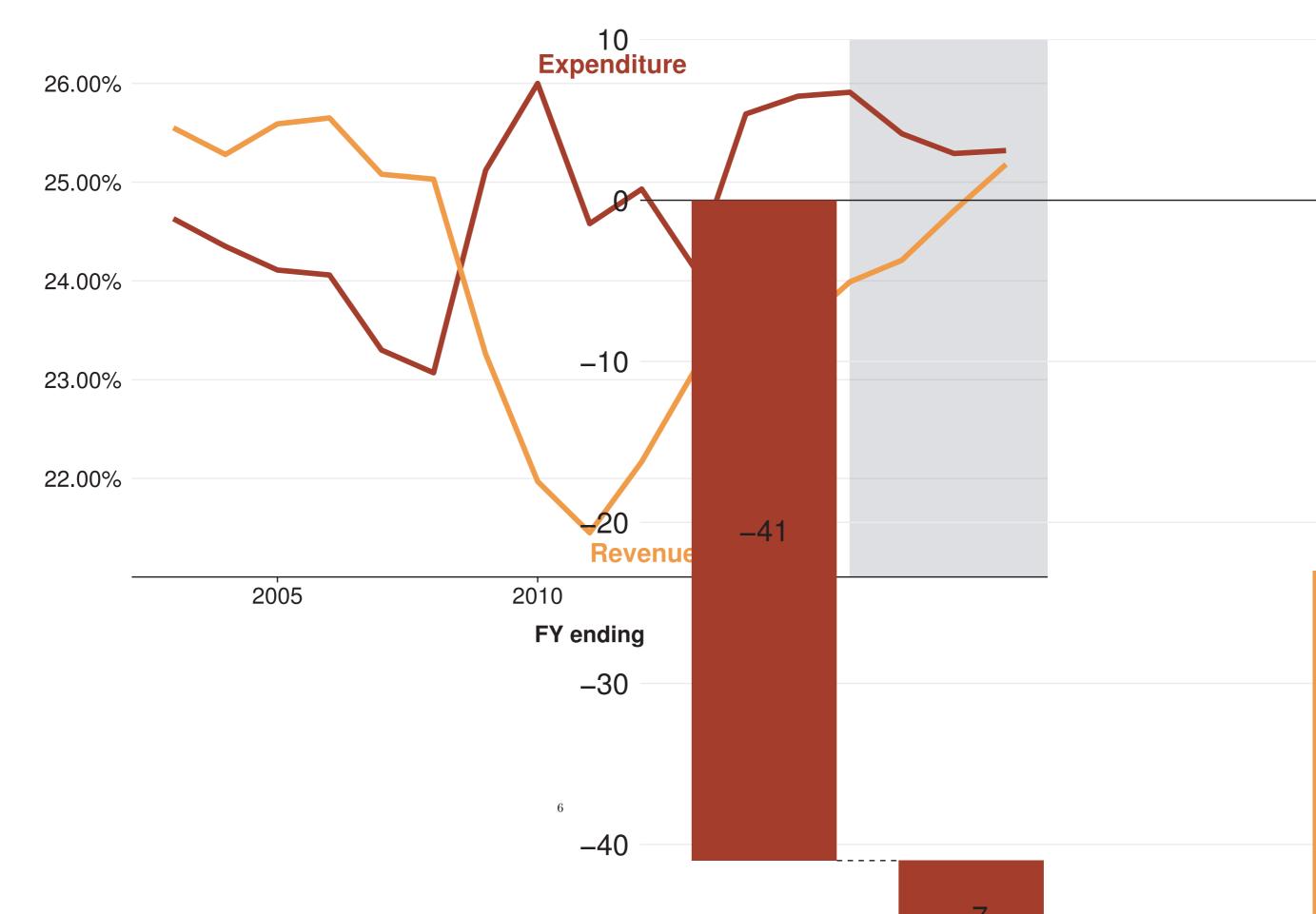
```
## $ axis.line.y :List of 6
                                                                      ## ..$ margin : NULL
## ..$ colour
                  : chr "black"
                                                                      ## ..$ debug
                                                                                        : NULL
## ..$ size
                                                                      ## ..$ inherit.blank: logi TRUE
                  : num 0.5
## ..$ linetype : NULL
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ..$ lineend : chr "square"
                                                                      ## $ legend.title.align : NULL
## ..$ arrow
                 : logi FALSE
                                                                      ## $ legend.position : chr "right"
                                                                      ## $ legend.direction : NULL
## ..$ inherit.blank: logi TRUE
                                                                      ## $ legend.justification : chr [1:2] "left" "center"
## ..- attr(*, "class")= chr [1:2] "element_line" "element"
## $ legend.background : list()
                                                                      ## $ legend.box
                                                                                         : NULL
                                                                      ## $ legend.box.margin : 'margin' num [1:4] Ocm Ocm Ocm
## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
## $ legend.margin
                   : 'margin' num [1:4] 7pt 7pt 7pt 7pt
                                                                      ## ..- attr(*, "valid.unit")= int 1
## ..- attr(*, "valid.unit")= int 8
                                                                      ## ..- attr(*, "unit")= chr "cm"
## ..- attr(*, "unit")= chr "pt"
                                                                      ## $ legend.box.background: list()
## $ legend.spacing : 'unit' num 0.4cm
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
## ..- attr(*, "valid.unit")= int 1
                                                                      ## $ legend.box.spacing : 'unit' num 14pt
## ..- attr(*, "unit")= chr "cm"
                                                                      ## ..- attr(*, "valid.unit")= int 8
                                                                      ## ..- attr(*, "unit")= chr "pt"
## $ legend.spacing.x : NULL
                                                                      ## $ panel.background : list()
## $ legend.spacing.y : NULL
## $ legend.key
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
                      : list()
## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
                                                                      ## $ panel.border
                                                                                           : list()
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
## $ legend.key.size : 'unit' num 1lines
## ..- attr(*, "valid.unit")= int 3
                                                                      ## $ panel.spacing
                                                                                           : 'unit' num 7pt
## ..- attr(*, "unit")= chr "lines"
                                                                      ## ..- attr(*, "valid.unit")= int 8
## $ legend.key.height : NULL
                                                                      ## ..- attr(*, "unit")= chr "pt"
## $ legend.key.width : NULL
                                                                      ## $ panel.spacing.x : NULL
## $ legend.text :List of 11
                                                                      ## $ panel.spacing.y : NULL
## ..$ family : NULL
                                                                      ## $ panel.grid
                                                                                          :List of 6
## ..$ face
                 : NULL
                                                                      ## ..$ colour : chr "white"
## ..$ colour
                 : NULL
                                                                      ## ..$ size
                                                                                        : NULL
## ..$ size
                 : 'rel' num 0.857
                                                                      ## ..$ linetype : NULL
## ..$ hjust
                  : NULL
                                                                      ## ..$ lineend
                                                                                      : NULL
                                                                      ## ..$ arrow
## ..$ vjust
                  : NULL
                                                                                        : logi FALSE
## ..$ angle
                  : NULL
                                                                      ## ..$ inherit.blank: logi TRUE
## ..$ lineheight : NULL
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_line" "element"
                                                                      ## $ panel.grid.minor : list()
## ..$ margin : NULL
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
## ..$ debug
                  : NULL
## ..$ inherit.blank: logi TRUE
                                                                      ## $ panel.ontop
                                                                                           : logi FALSE
                                                                      ## $ plot.background
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                                           : list()
## $ legend.text.align : NULL
                                                                      ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
                      :List of 11
                                                                      ## $ plot.title
                                                                                      :List of 11
## $ legend.title
## ..$ family
                  : NULL
                                                                      ## ..$ family
                                                                                        : NULL
                                                                      ## ..$ face
                                                                                        : chr "bold"
## ..$ face
                  : NULL
## ..$ colour
                 : NULL
                                                                      ## ..$ colour
                                                                                        : NULL
## ..$ size
                  : NULL
                                                                      ## ..$ size
                                                                                        : num 14
## ..$ hjust
                  : num O
                                                                      ## ..$ hjust
                                                                                        : NULL
## ..$ vjust
                  : NULL
                                                                      ## ..$ vjust
                                                                                        : NULL
## ..$ angle
                  : NULL
                                                                      ## ..$ angle
                                                                                         : NULL
## ..$ lineheight : NULL
                                                                      ## ..$ lineheight : NULL
```

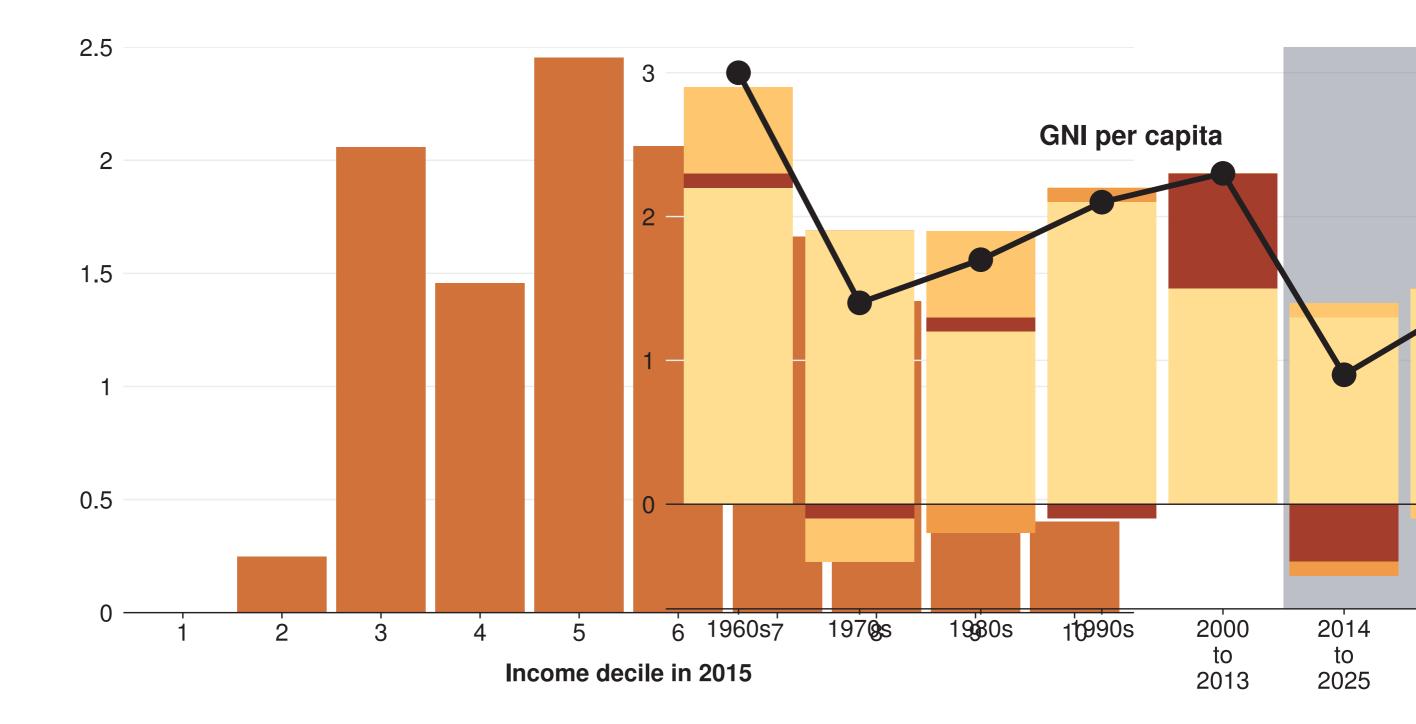
```
## ..$ margin : 'margin' num [1:4] Opt Opt 7pt Opt
                                                                     ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ....- attr(*, "valid.unit")= int 8
                                                                     ## $ plot.tag.position : chr "topleft"
## ... - attr(*, "unit")= chr "pt"
                                                                                            : 'margin' num [1:4] 7pt 7pt 7pt 7pt
                                                                     ## $ plot.margin
                                                                     ## ..- attr(*, "valid.unit")= int 8
## ..$ debug
               : NULL
                                                                     ## ..- attr(*, "unit")= chr "pt"
## ..$ inherit.blank: logi TRUE
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                     ## $ strip.background :List of 5
## $ plot.subtitle :List of 11
                                                                     ## ..$ fill
                                                                                      : chr "grey80"
## ..$ family : NULL
                                                                     ## ..$ colour
                                                                                        : chr "grey50"
## ..$ face
                  : NULL
                                                                     ## ..$ size
                                                                                        : num 0
                                                                     ## ..$ linetype : NULL
## ..$ colour
                  : NULL
              : NULL
## ..$ size
                                                                     ## ..$ inherit.blank: logi TRUE
## ..$ hjust
                : num 0
                                                                     ## ..- attr(*, "class")= chr [1:2] "element_rect" "element"
## ..$ vjust
                                                                     ## $ strip.placement : chr "inside"
              : num 1
## ..$ angle
               : NULL
                                                                     ## $ strip.text
                                                                                            :List of 11
## ..$ lineheight : NULL
                                                                     ## ..$ family
                                                                                        : NULL
## ..$ margin : 'margin' num [1:4] Opt Opt 7pt Opt
                                                                                        : NULL
                                                                     ## ..$ face
## ....- attr(*, "valid.unit")= int 8
                                                                     ## ..$ colour
                                                                                        : NULL
## .. ..- attr(*, "unit")= chr "pt"
                                                                     ## ..$ size
                                                                                        : 'rel' num 0.857
                 : NULL
                                                                     ## ..$ hjust
## ..$ debug
                                                                                        : NULL
## ..$ inherit.blank: logi TRUE
                                                                     ## ..$ vjust
                                                                                        : NULL
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                     ## ..$ angle
                                                                                        : NULL
## $ plot.caption :List of 11
                                                                     ## ..$ lineheight : NULL
## ..$ family : NULL
                                                                     ## ..$ margin
                                                                                        : NULL
## ..$ face
                 : NULL
                                                                     ## ..$ debug
                                                                                        : NULL
## ..$ colour
                  : NULL
                                                                     ## ..$ inherit.blank: logi TRUE
              : 'rel' num 0.8
                                                                     ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ..$ size
## ..$ hjust
               : num 1
                                                                     ## $ strip.text.x : NULL
## ..$ vjust
              : num 1
                                                                     ## $ strip.text.y
                                                                                            :List of 11
## ..$ angle
               : NULL
                                                                     ## ..$ family
                                                                                        : NULL
## ..$ lineheight : NULL
                                                                     ## ..$ face
                                                                                        : NULL
## ..$ margin : 'margin' num [1:4] 7pt 0pt 0pt
                                                                     ## ..$ colour
                                                                                        : NULL
                                                                     ## ..$ size
## ...- attr(*, "valid.unit")= int 8
                                                                                        : NULL
## ....- attr(*, "unit")= chr "pt"
                                                                     ## ..$ hjust
                                                                                        : NULL
## ..$ debug
               : NULL
                                                                     ## ..$ vjust
                                                                                        : NULL
## ..$ inherit.blank: logi TRUE
                                                                     ## ..$ angle
                                                                                        : num -90
## ..- attr(*, "class")= chr [1:2] "element_text" "element"
                                                                     ## ..$ lineheight : NULL
## $ plot.tag
                                                                     ## ..$ margin
                  :List of 11
                                                                                        : NULL
## ..$ family
                 : NULL
                                                                     ## ..$ debug
                                                                                        : NULL
## ..$ face
                 : NULL
                                                                     ## ..$ inherit.blank: logi TRUE
## ..$ colour
                  : NULL
                                                                     ## ..- attr(*, "class")= chr [1:2] "element_text" "element"
## ..$ size
                  : 'rel' num 1.2
                                                                     ## $ strip.switch.pad.grid: 'unit' num 3.5pt
                : num 0.5
                                                                     ## ..- attr(*, "valid.unit")= int 8
## ..$ hjust
## ..$ vjust
              : num 0.5
                                                                     ## ..- attr(*, "unit")= chr "pt"
## ..$ angle
               : NULL
                                                                     ## $ strip.switch.pad.wrap: 'unit' num 3.5pt
                                                                     ## ..- attr(*, "valid.unit")= int 8
## ..$ lineheight : NULL
## ..$ margin
                  : NULL
                                                                     ## ..- attr(*, "unit")= chr "pt"
## ..$ debug
                  : NULL
                                                                     ## $ panel.grid.major : list()
## ..$ inherit.blank: logi TRUE
                                                                     ## ..- attr(*, "class")= chr [1:2] "element_blank" "element"
```

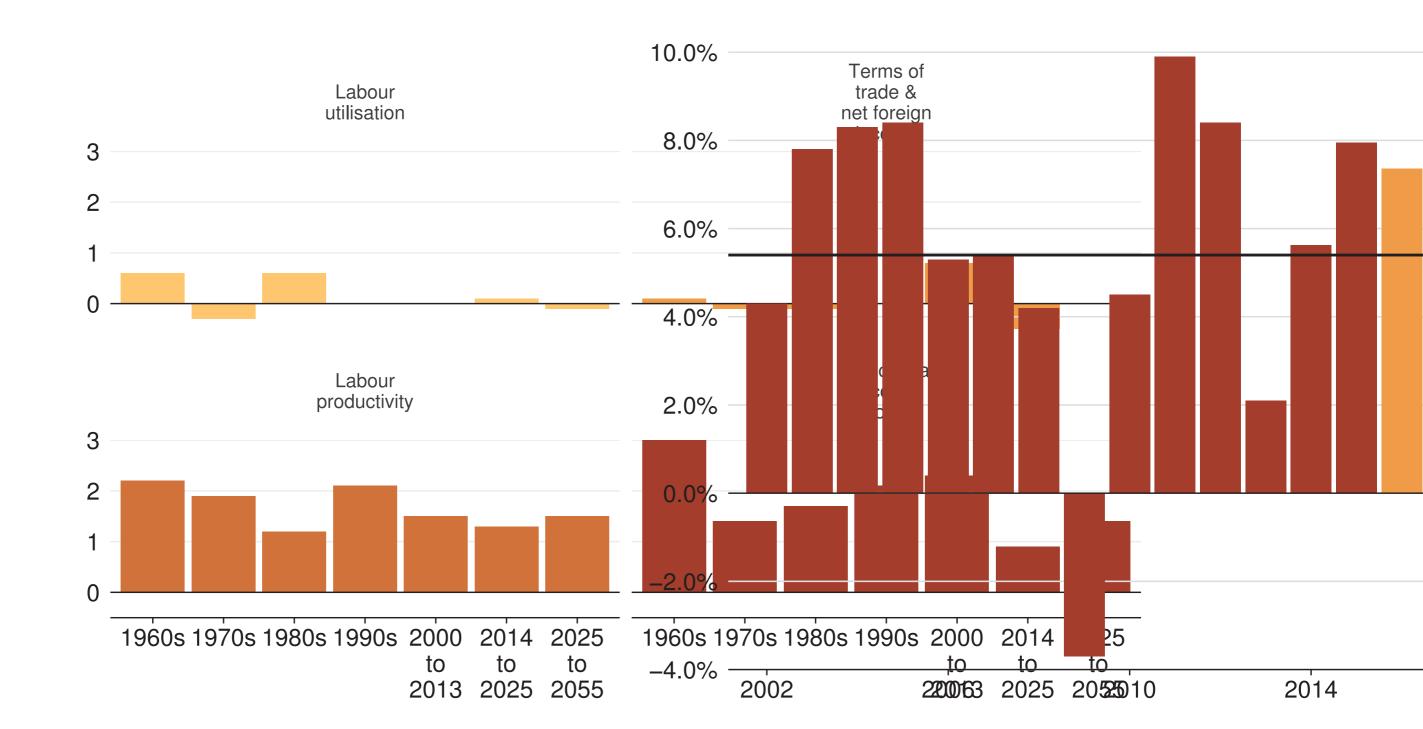
```
## - attr(*, "class")= chr [1:2] "theme" "gg"
## - attr(*, "complete")= logi TRUE
## - attr(*, "validate")= logi TRUE
                                                                             4.00%
                                                                             2.00%
                                                                             0.00%
                                                                            -2.00%
                                                                            -4.00%
                                                                             4.00%
                                                                             2.00%
                                                                             0.00%
                                                                            -2.00%
                                                                            -4.00%
                                                                             4.00%
                                                                             2.00%
                                                                             0.00%
                                                                         5 -2.00%
                                                                            -4.00%
```

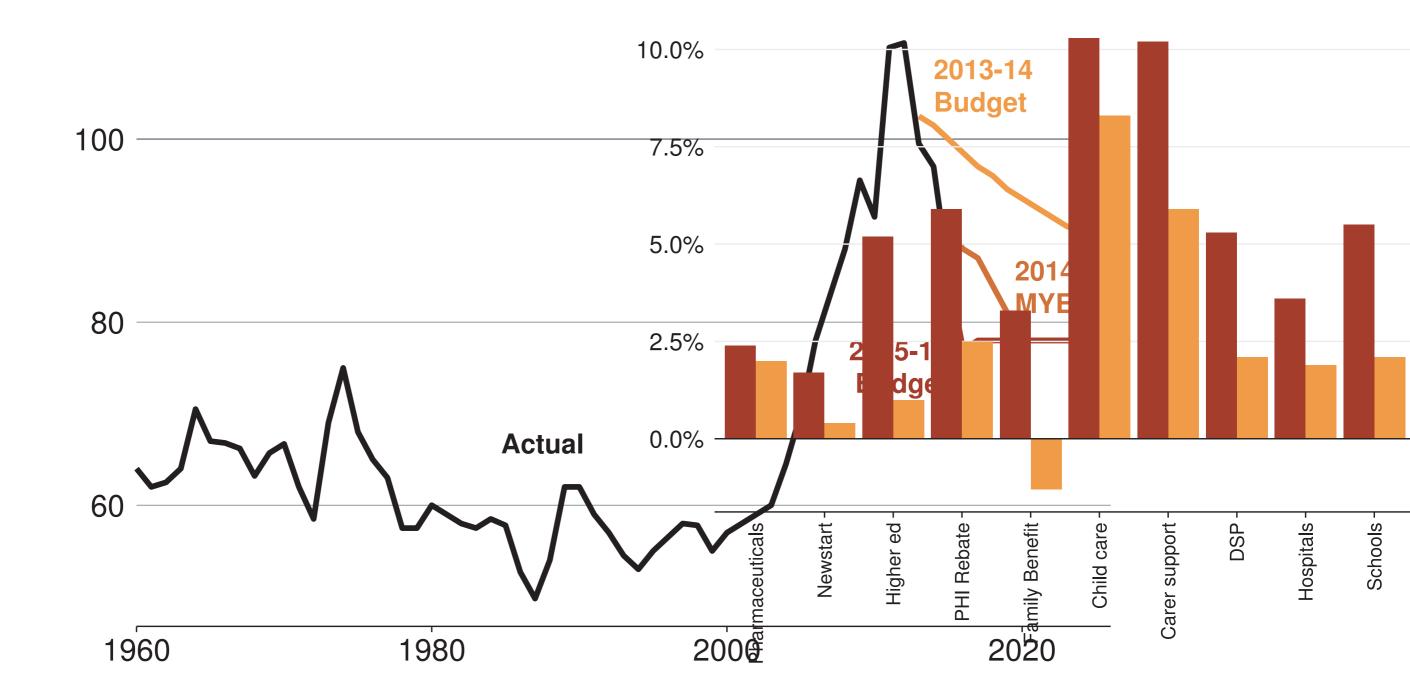
4.00%

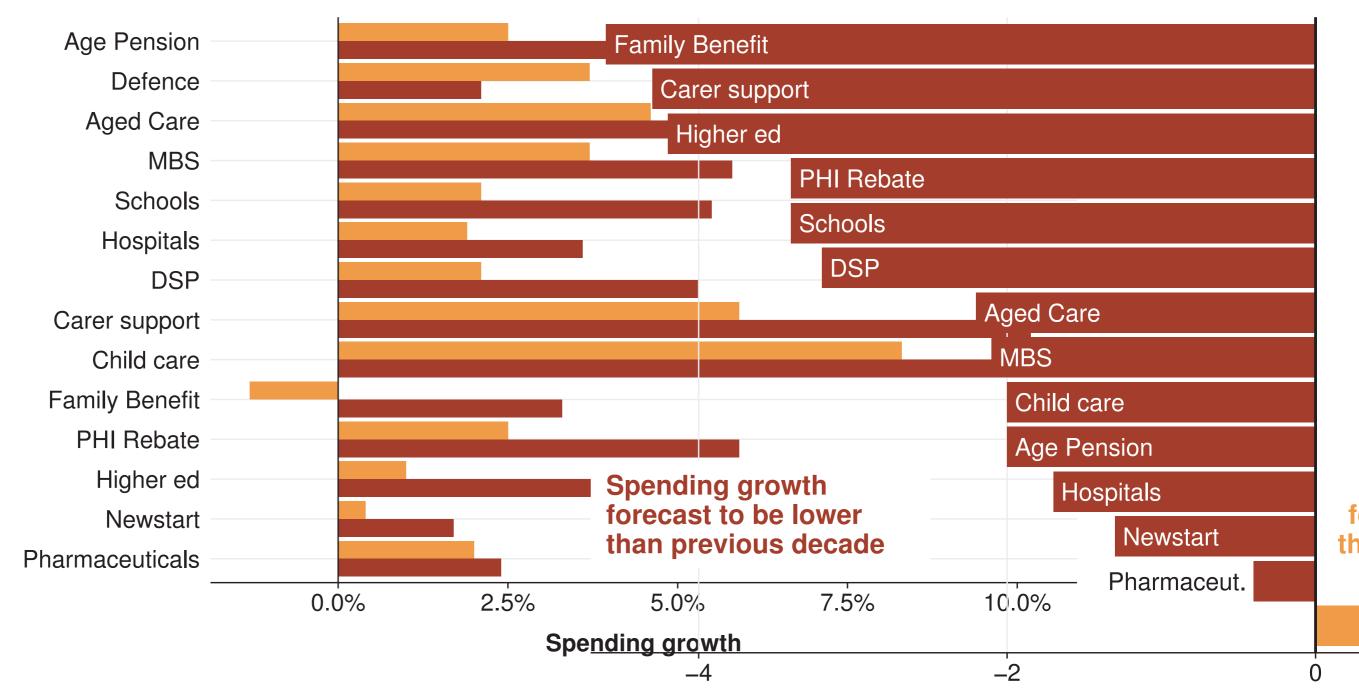
Fore



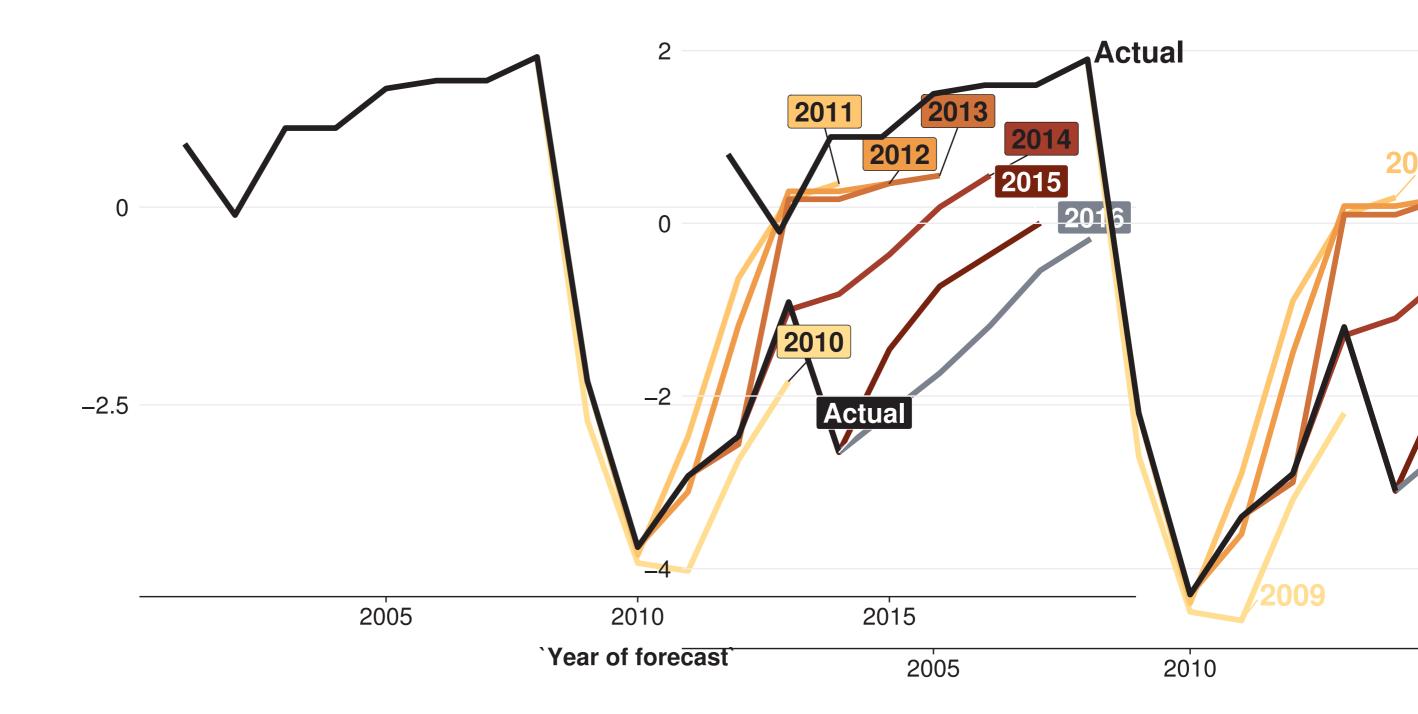




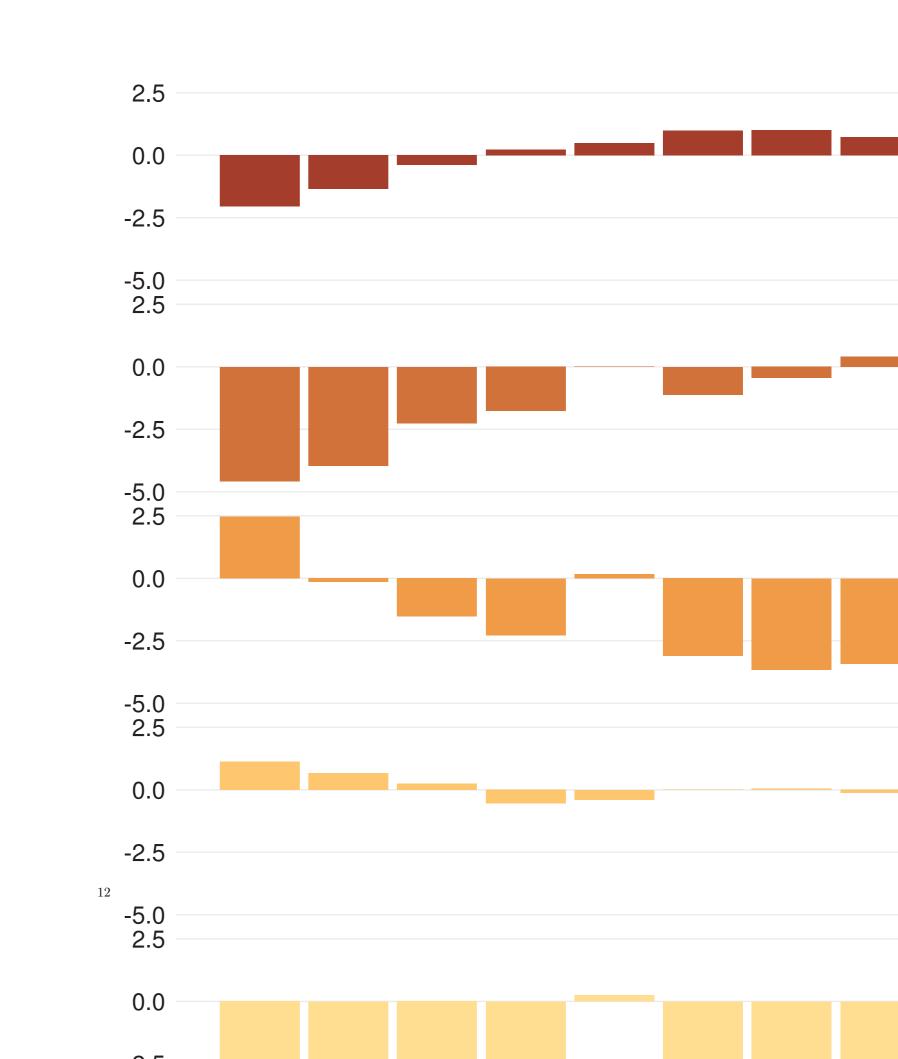




Percentage points between forecast spending g and 2003 to 2013 annual spending growth



Error: Cannot add ggproto objects together. Did you forget to add this object to a ggplot object?



Error: 'path' does not exist: 'Figure10.xlsx'



