We have spent a long time creating R plots with different tools (base, lattice and ggplot2) during different academic and working positions. If you want to create highly customised plots in R, including replicating the styles of XKCD, The Economist or FiveThirtyEight, this is your book.

Here’s a part of the steps to create the cover:

library(dplyr)

library(ggplot2)

library(grid)

library(datasauRus)

g <- ggplot() +

geom\_point(

data = filter(datasaurus\_dozen, dataset == "dino"),

aes(x = x, y = y), color = "#9ccbc7", size = 4

) +

theme\_minimal() +

theme(

plot.background = element\_rect(fill = "#007d73"),

axis.line = element\_line(color = "#007d73"),

panel.grid.minor = element\_blank(),

axis.ticks = element\_line(color = "#007d73"),

axis.text = element\_text(color = "#9ccbc7",

family = "DecimaMonoPro",

size = 16),

axis.title = element\_text(color = "#9ccbc7",

family = "DecimaMonoPro",

size = 24)

)

print(

g,

vp = viewport(

angle = 15,

width = unit(.75, "npc"),

height = unit(.75, "npc")

)

)