

ggplot2: Plot replication challenge!

developed with Martin Frigaard

2024-07-18

Exercise

The purpose of this exercise is to re-create a publication-ready plot using your dplyr and ggplot2 skills.

Open the Financial Times article, Coronavirus tracked: the latest figures as countries start to reopen

There is also a PDF of the article titled, 2020-07-24-excess_mortality.pdf

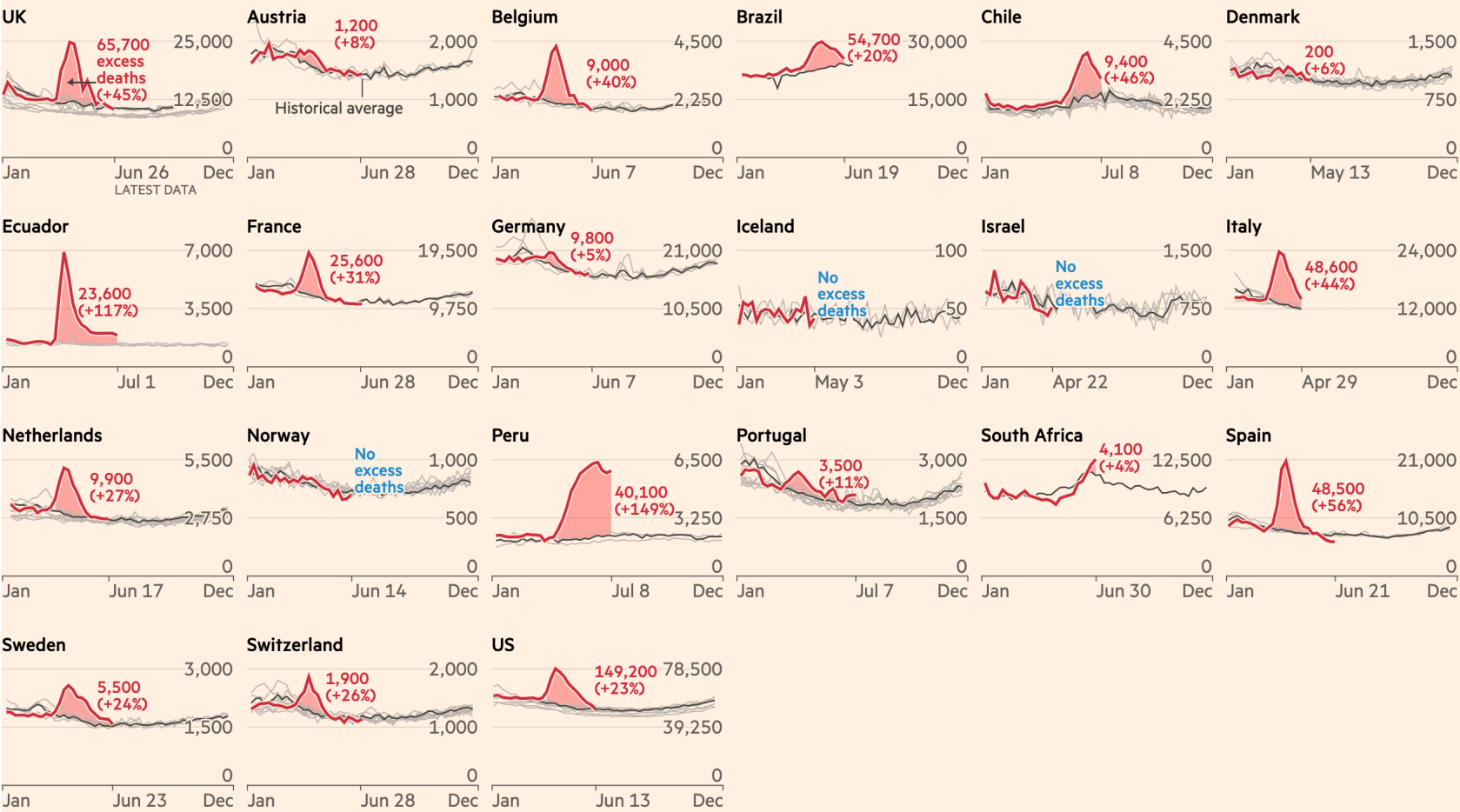
The data you need is

`data/ft_excess_deaths.csv`

Financial Times Figure


Death rates have climbed far above historical averages in many countries that have faced Covid-19 outbreaks

Number of deaths per week from all causes, 2020 vs recent years: Shading indicates total excess deaths during outbreak



Source: FT analysis of mortality data. Data updated July 13
FT graphic: John Burn-Murdoch / @burnmurdoch
© FT

What's this plot telling us?

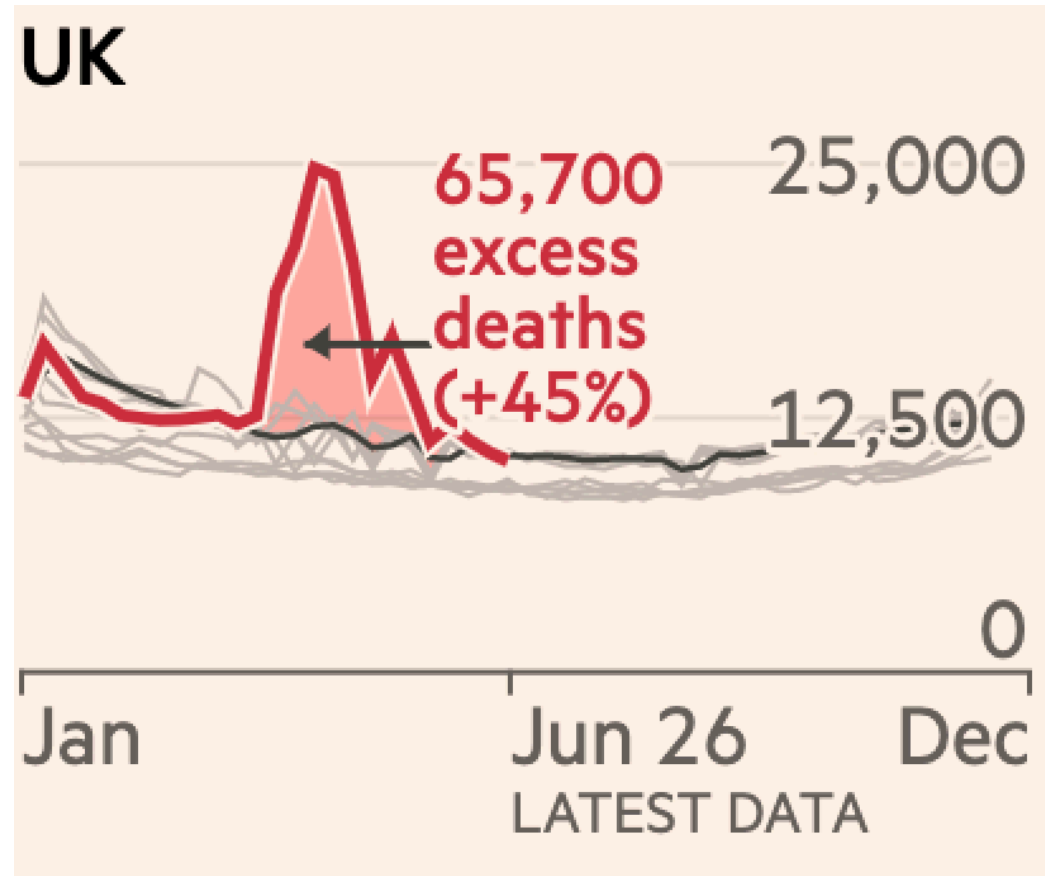
Number of deaths per week from all causes, 2020 vs recent years: 

What's this plot telling us?

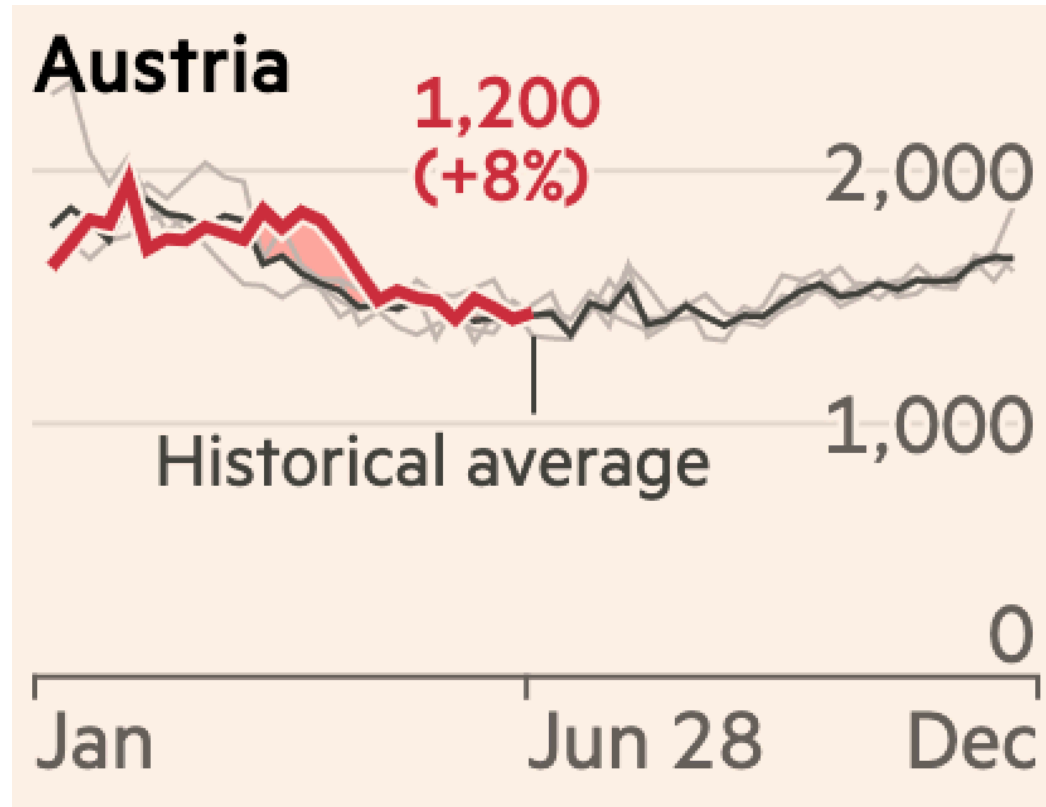
A red shaded area with a jagged, irregular top edge, resembling a peak or a distribution curve, is positioned to the left of the text.

Shading indicates total excess deaths during outbreak

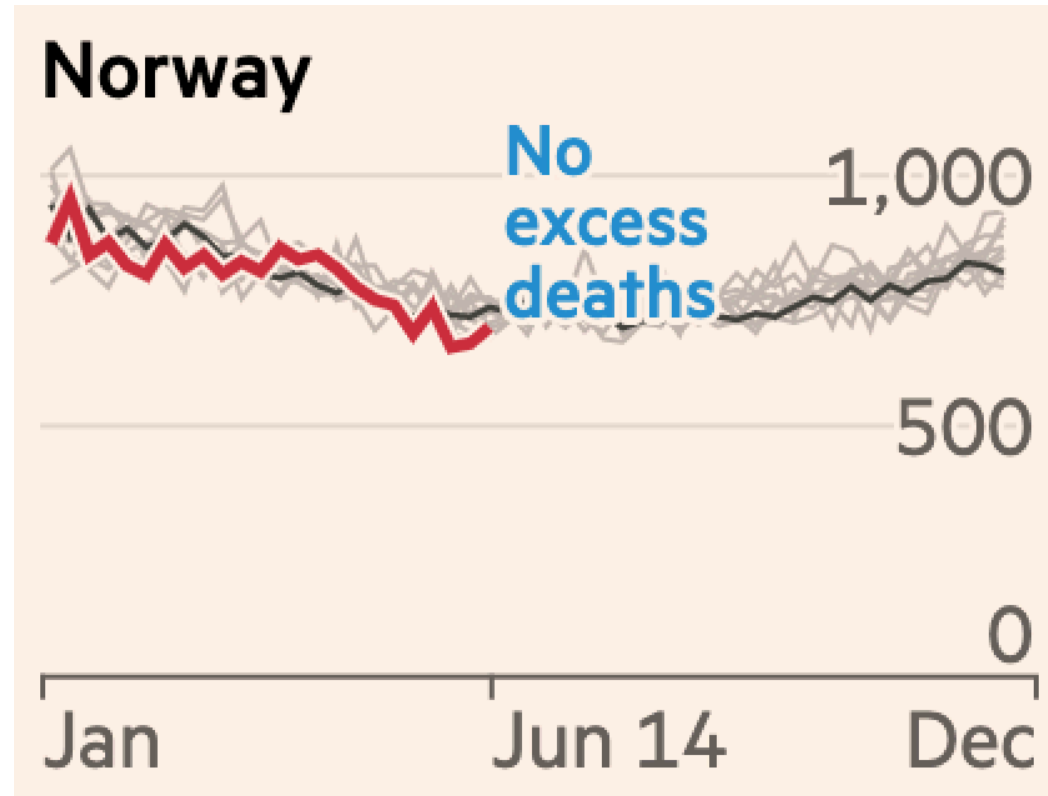
What's this plot telling us?



What's this plot telling us?



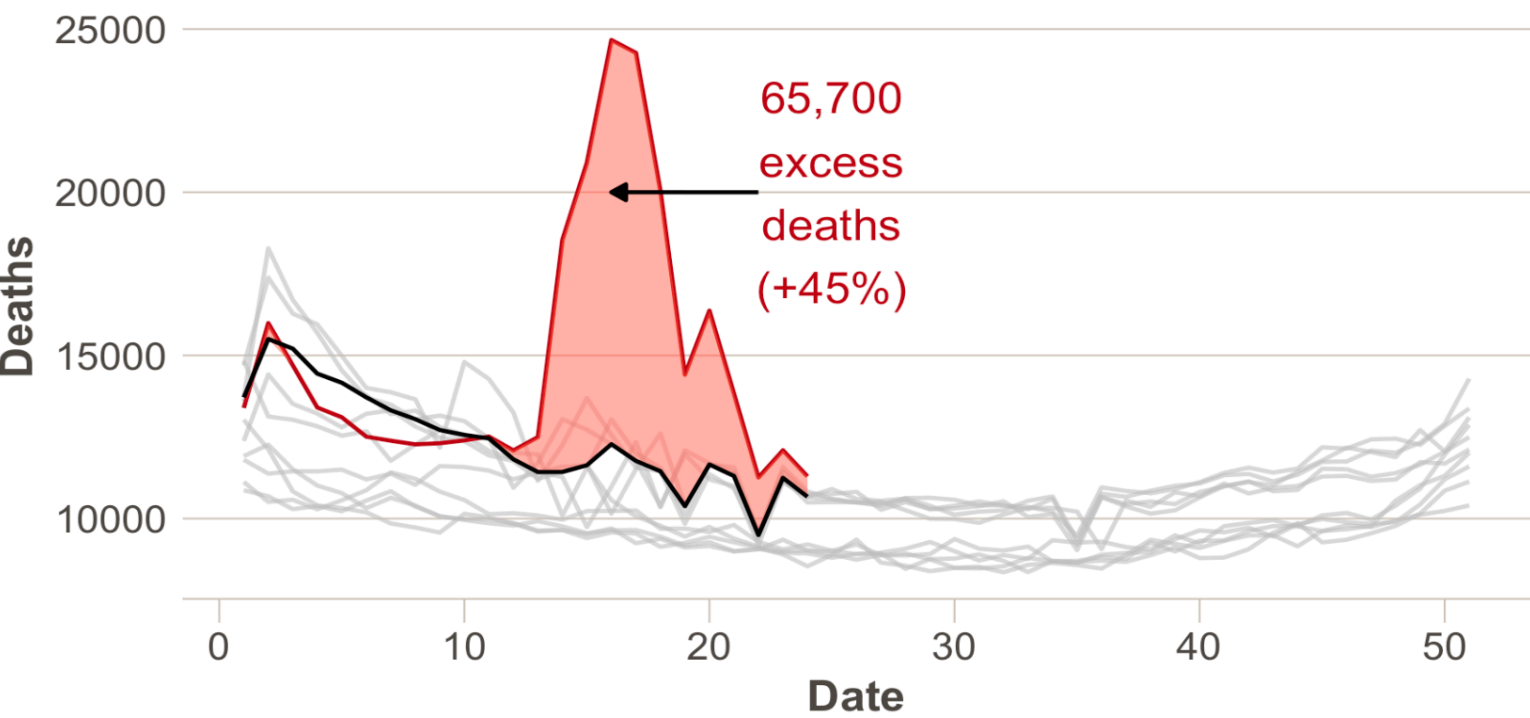
What's this plot telling us?



Our Goal for the Recreation

Death rates in UK compared to historical averages

Number of deaths per week from all causes vs. recent years



Our Goal for the Recreation

Death rates compared to historical averages

Number of deaths per week from all causes vs. recent years

