

# ggplot2: Plot replication challenge!

developed with Martin Frigaard

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# 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

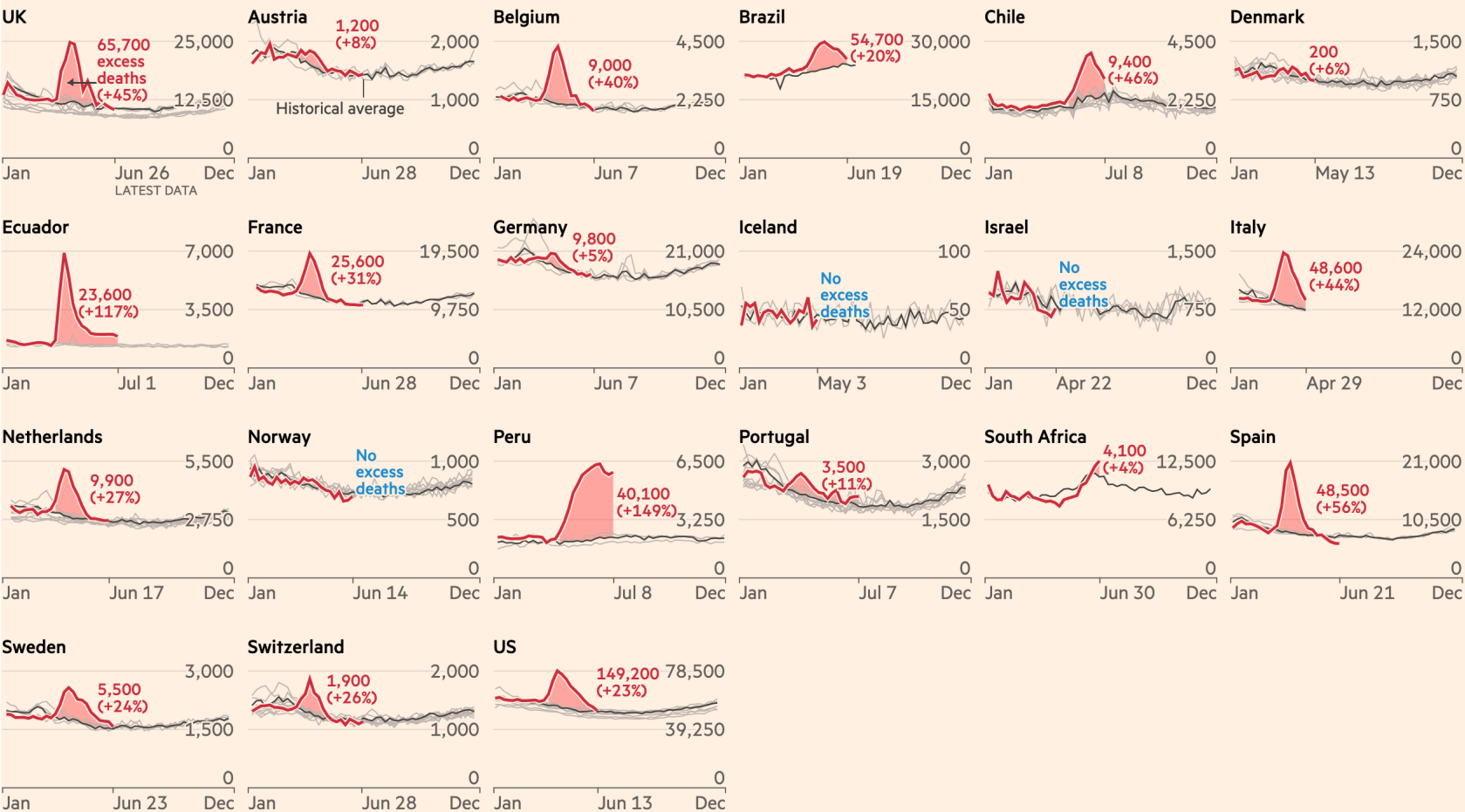
The data you need is

`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?

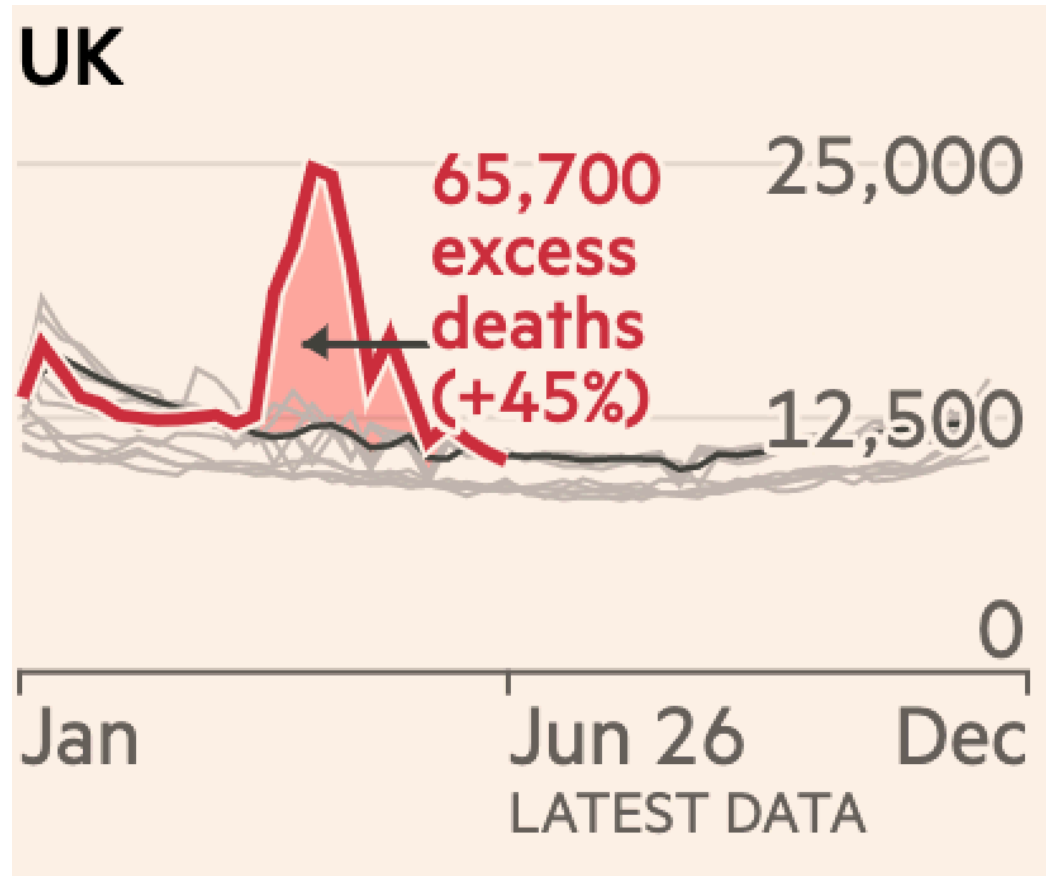
Number of deaths per week from all causes, 2020 vs recent years: 

# What's this plot telling us?

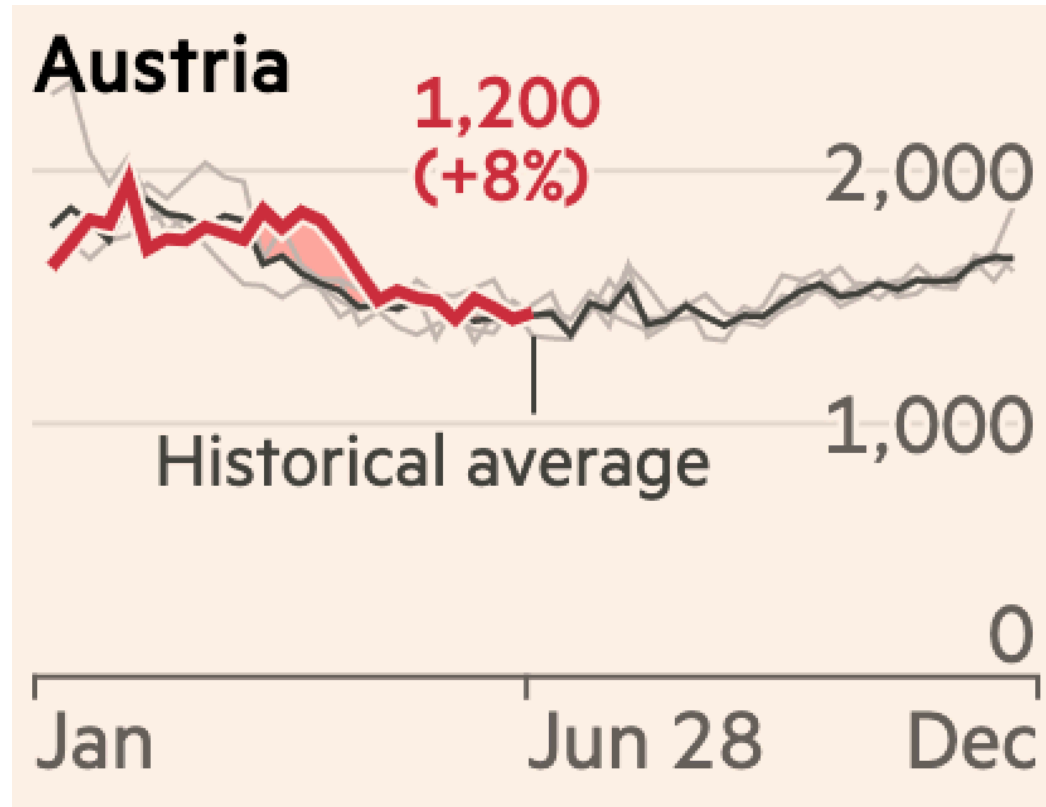
A red shaded area representing a distribution curve, likely a bell curve, with a peak on the left and a tail extending to the right. It is positioned to the left of the text in the callout box.

Shading indicates total excess deaths during outbreak

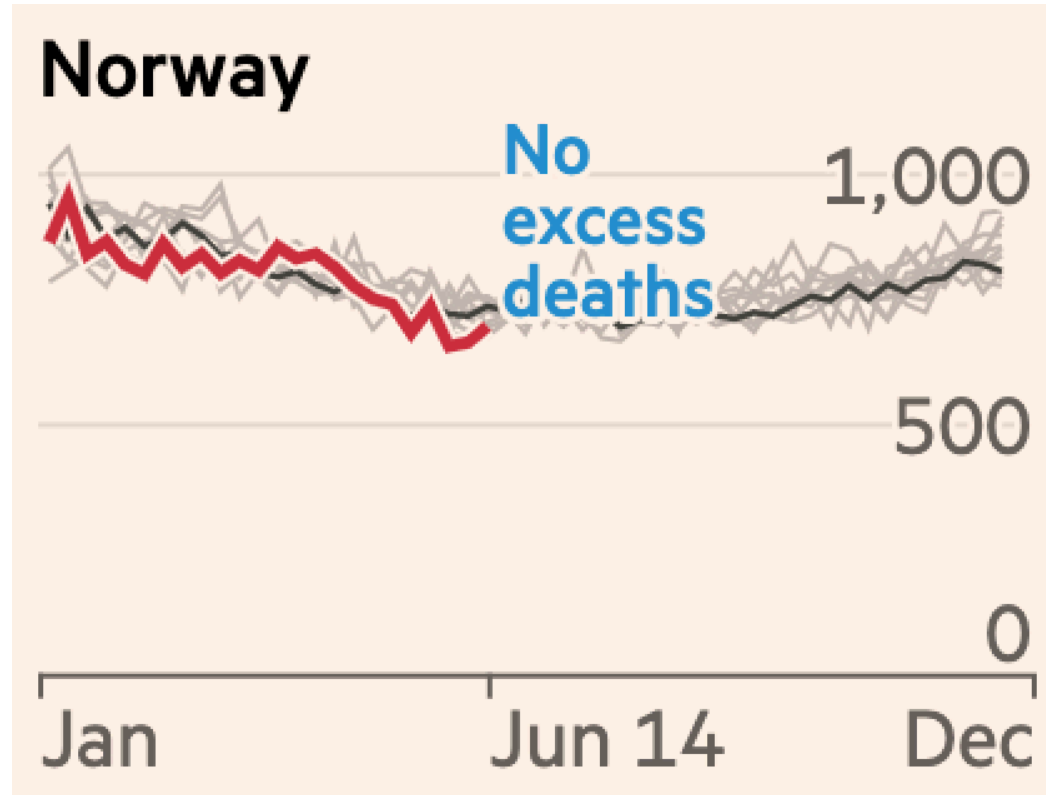
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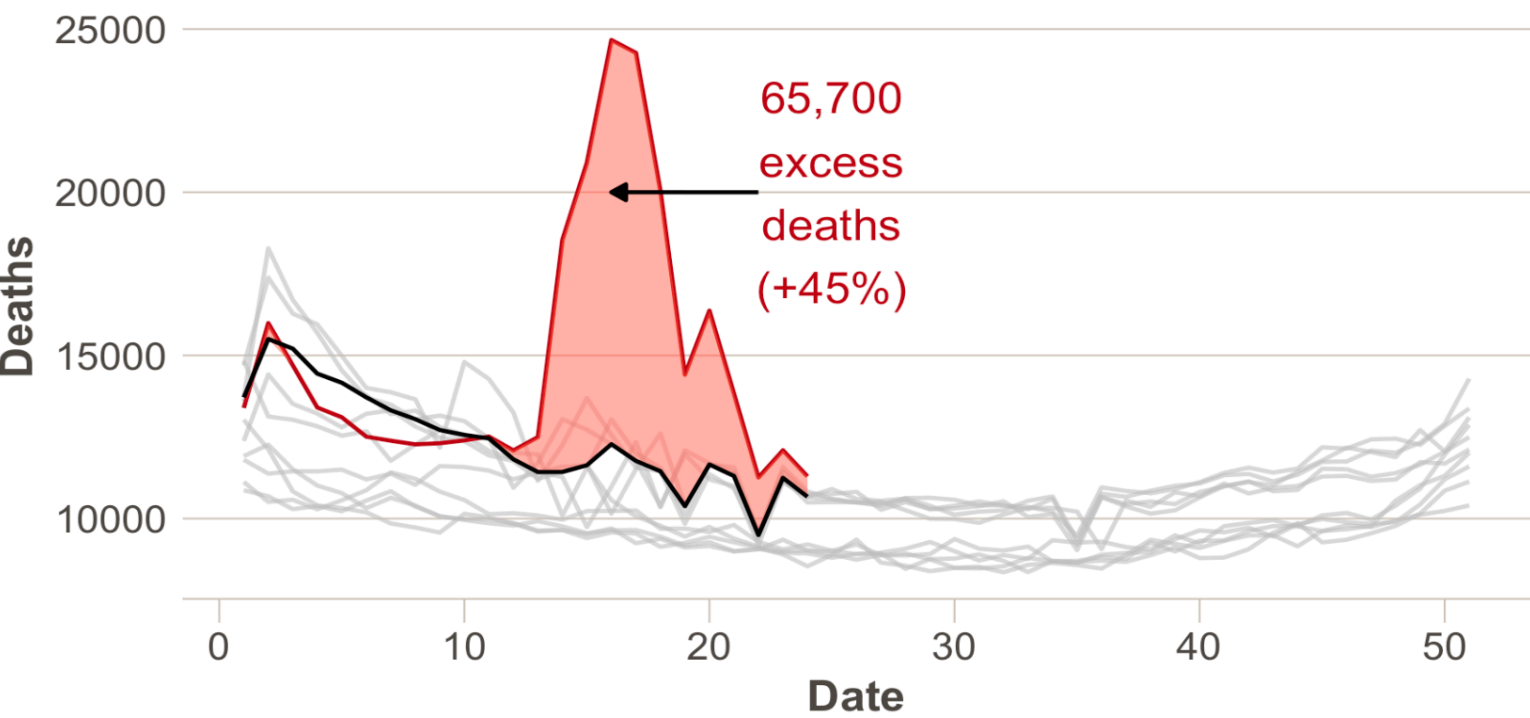




# Our Goal for the Recreation

## 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

