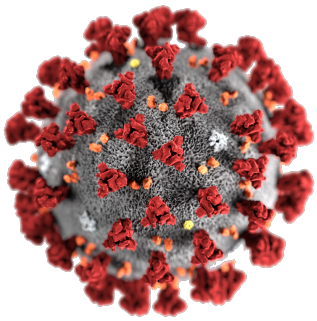
Pandemic

Background context



Source: This is an entirely fictional data set created by R.W. Oldford.

Imagine that a virulent virus has led to a world wide pandemic and that the case fatality rate (proportion of those infected who die) is 4%.

Suppose that through a concerted and collaborative effort of health scientists worldwide, three different treatments have been developed for this group. All three treatments have been used at one time or another on numerous patients in this group from 100 different cities worldwide.

We imagine that recovery rates (as a percent) for the patients treated by each of the three treatments were recorded for each of the hundred cities and are available for analysis as either an R data (".rda") or a ".csv" file named `trtPan`.

Assuming these files are in a directory you call `dataDirectory`, you can create the `data.frame` called `trtPan` in either of the following two ways:

```
# Either
load(file.path(dataDirectory, "trtPan.rda"))
# or
trtPan <- read.csv(file.path(dataDirectory, "trtPan.csv"))
```

Note again that this data is **not real** and city names are attached just to make it look more **realistic**.