



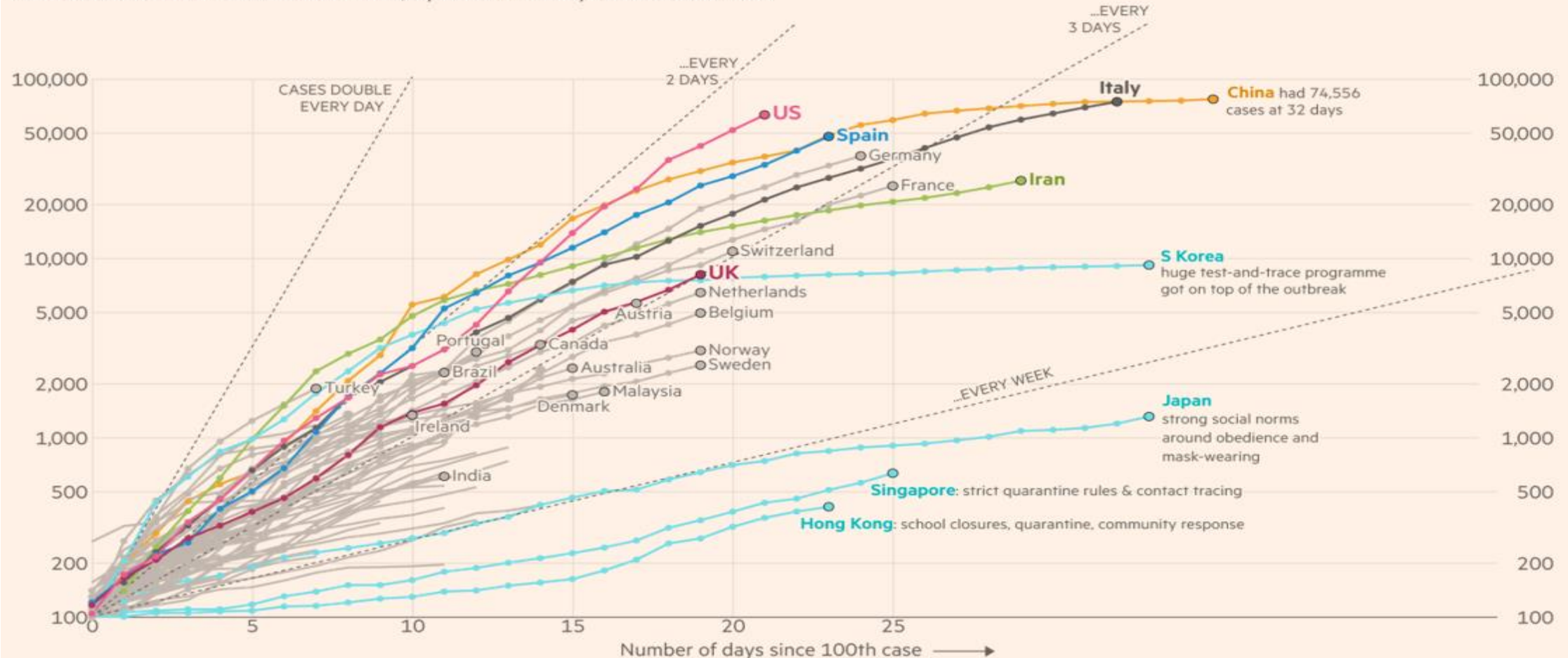
ARE WE USING DATA IN THE BEST WAY TO MANAGE THE COVID-19 PANDEMICS?

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Managing the Coronavirus progression – what is the secret of Asian countries success?

Country by country: how coronavirus case trajectories compare
 Cumulative number of confirmed cases, by number of days since 100th case



FT graphic: John Burn-Murdoch / @jburnmurdoch
 Source: FT analysis of Johns Hopkins University, CSSE; Worldometers; FT research. Data updated March 25, 19:00 GMT
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Mapping diffusion of digital technologies to manage the pandemics (25 March 2020)

Degree of digital surveillance and use of personal data

LOW

Government use of anonymized location datasets

Germany, Italy, Austria, Belgium, Poland, Spain, Norway...+ EC plan

Use of smartphone apps with citizens' consensus

South Korea
Poland, Israel, Spain, Italy (call) (Iran?)

Government use of non-anonymized location data

Singapore, Honk Kong, Israel, Taiwan

Use of surveillance drones

Belgium, Italy, Spain, China

Full digital surveillance (facial recognition, data from smartphones, QR codes...)

China (Taiwan?)

HIGH

Draft: work in progress

The policy imperative: balancing public health and privacy protection

- Digital contact tracing will be needed to manage the next phase of the Coronavirus pandemic, after full lockdown which cannot last forever
- Different technology and governance models emerging with different degrees of «intrusiveness» and digital surveillance
- China's model of intensive digital surveillance not acceptable in Western Democracies
- Need for fast action: possible way forward balancing ethical and transparency requirements with effectiveness and centralized governance – but breaching old boundaries of personal data use by governments
- The EDPB has confirmed the use of personal data for public health can be done with proper cautions (Statement on the processing of personal data in the context of the COVID-19 outbreak. Adopted on 19 March 2020)