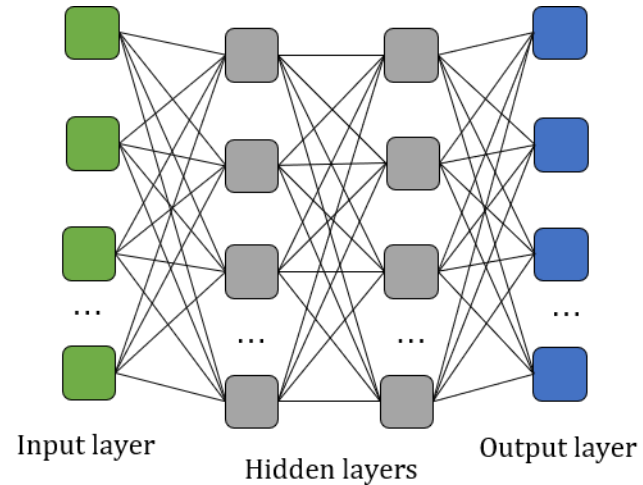
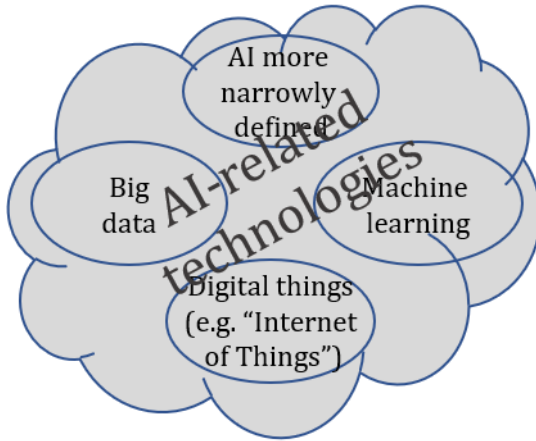


Artificial Intelligence: UK strategy

Nicholas Wright

Georgetown, UCL,
Intelligent Biology, New America

AI-related Technologies: What Specifically is New?



Automated systems learning directly from data to do tasks that are complicated.

Current strengths

“**Perception**”, e.g. images, speech, or some kinds of patterns in big data

Choosing actions in **tasks**
constrained enough to have vast amounts of data

NEAR FUTURES
e.g. “ISR”,
logistics

Constrained
choices

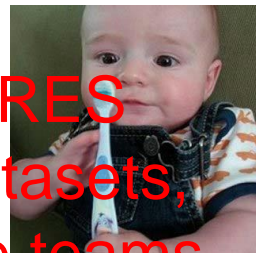
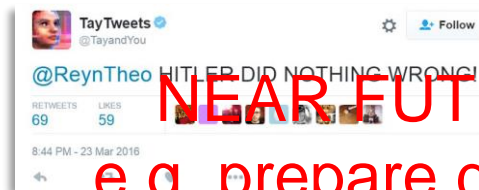
Cutting-edge research

Real World

Current limitations

Needs **huge amounts of data**
(often labelled)

Context is very poorly understood



NEAR FUTURES
e.g. prepare datasets,
human-machine teams
FURTHER POTENTIAL
DISRUPTION

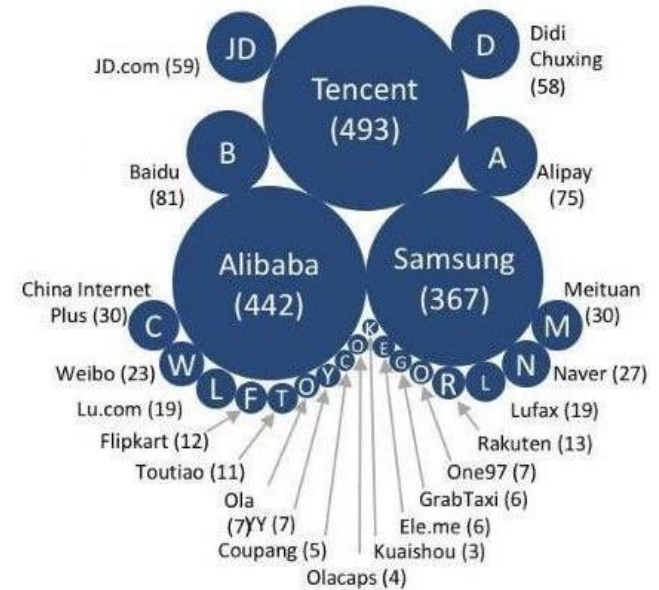
Real World at Scale

perception

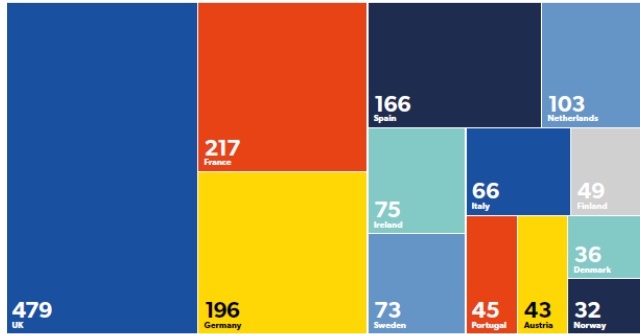


Asien

(Anteil: 31% (2015: 28%))

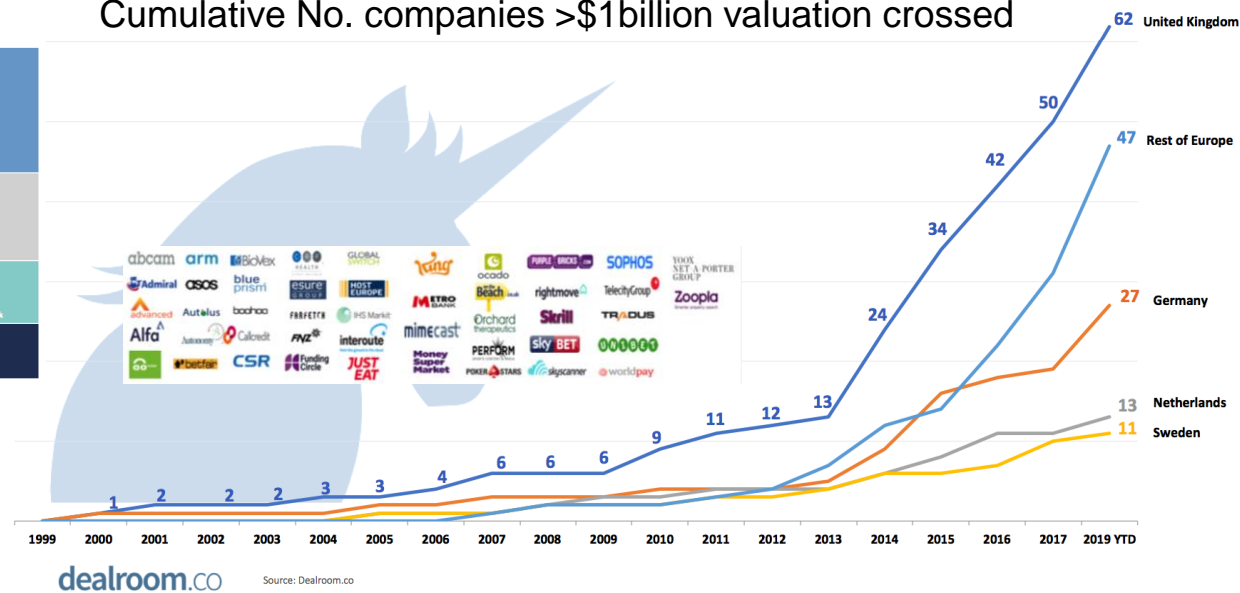


AI startups



Source: MMC Ventures, Resourced, Crunchbase, Tracur

Cumulative No. companies >\$1billion valuation crossed



HMG/UK wins many global comparisons, e.g. e-Government



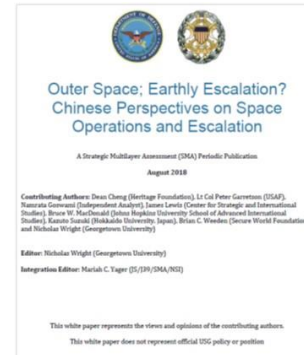
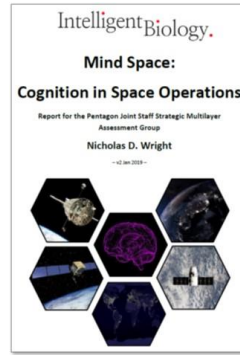
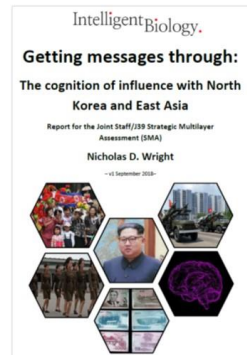
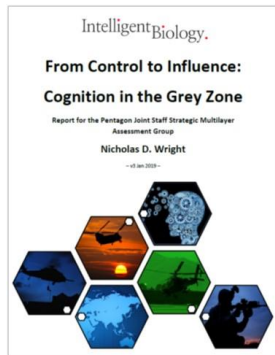
British strategy

Investment: perception, constrained choices

Innovation: networks of expertise

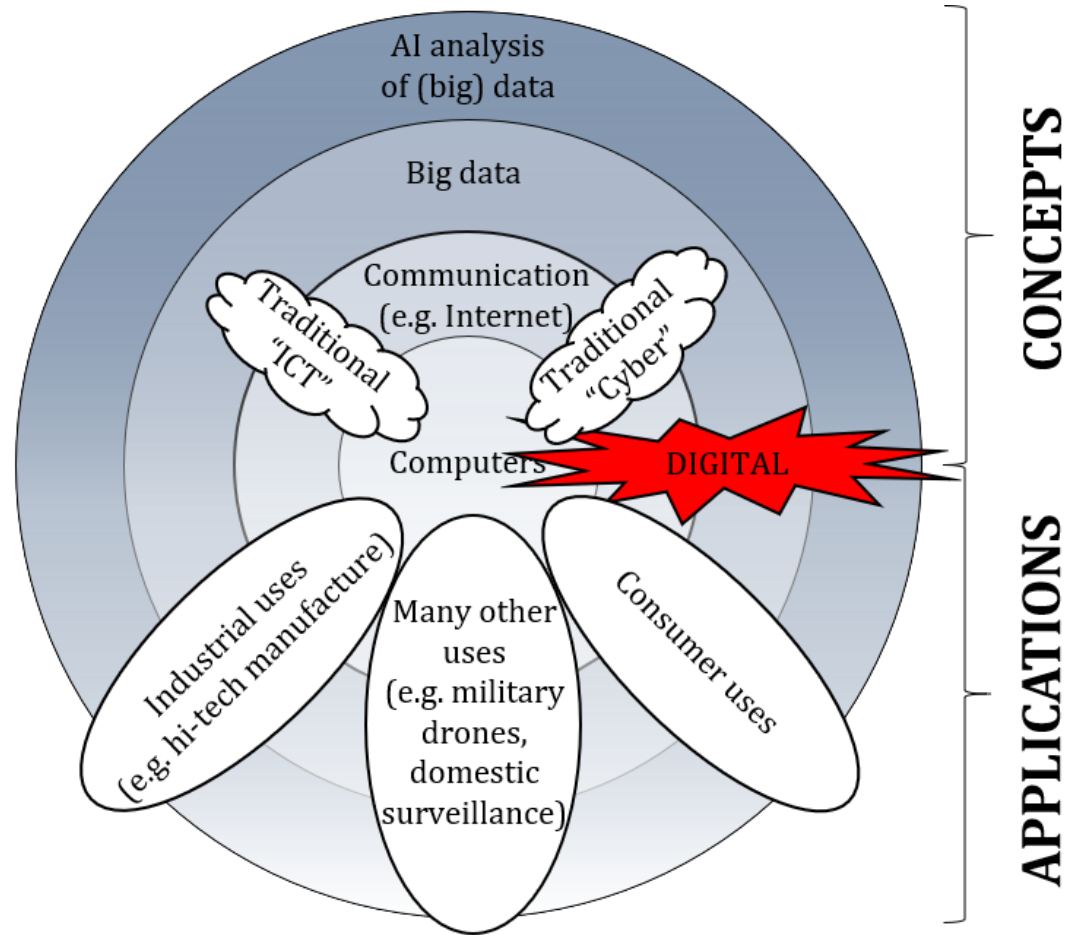
Ethics and norms: spiralling grey zone conflict

nick@intelligentbiology.co.uk www.intelligentbiology.co.uk

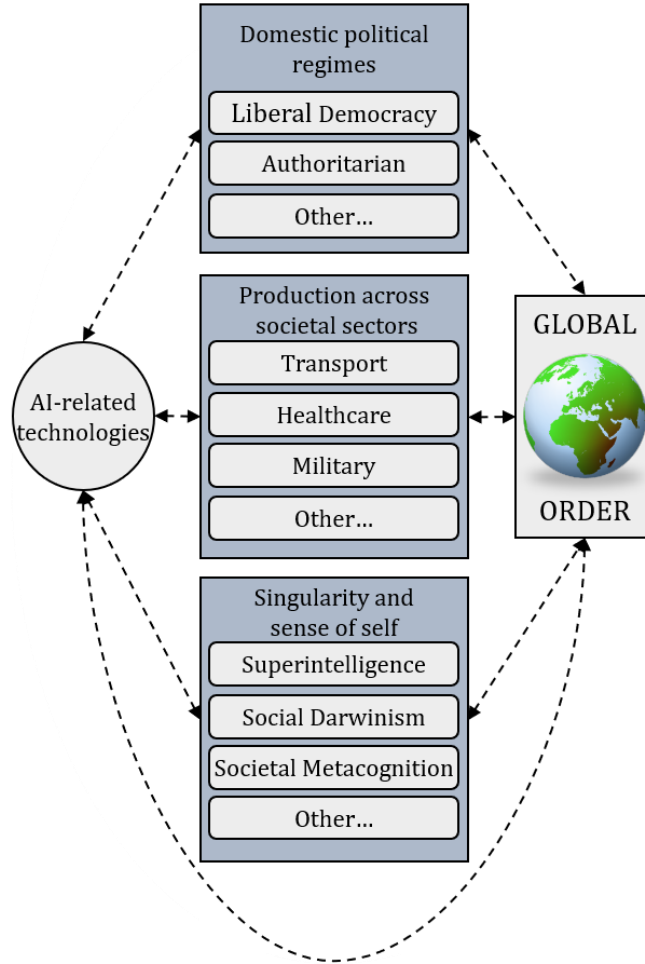


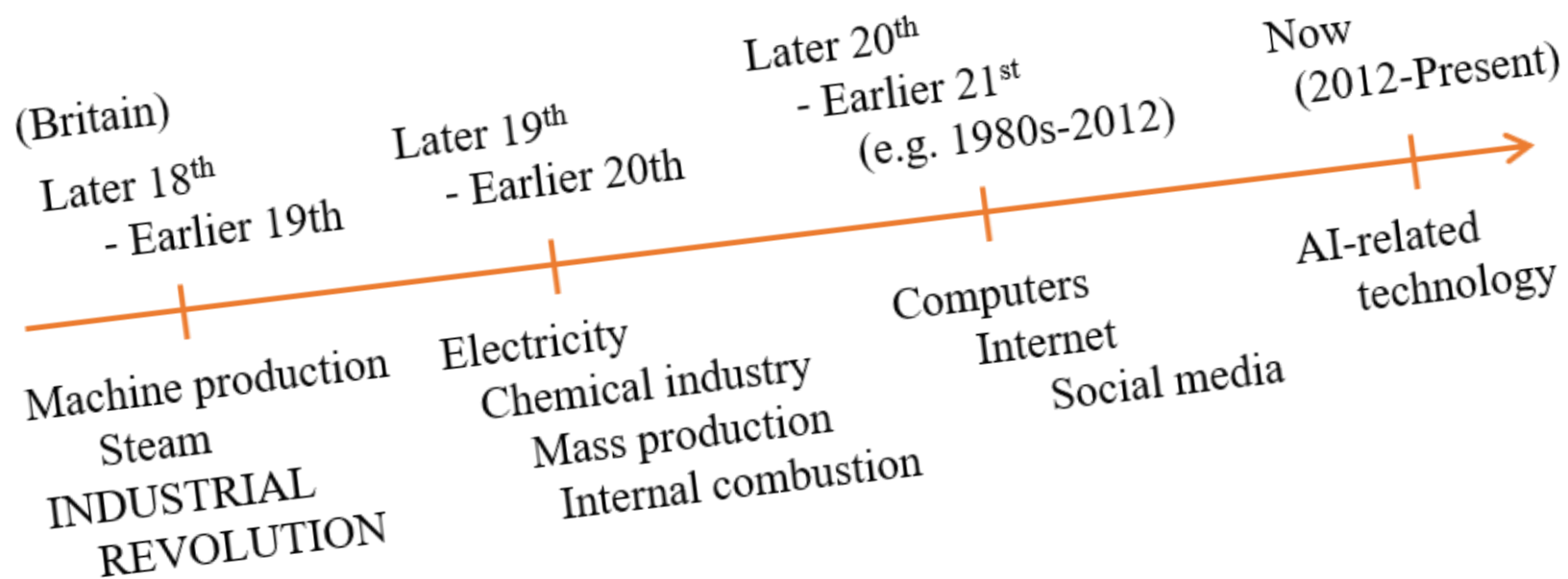
Backup slides

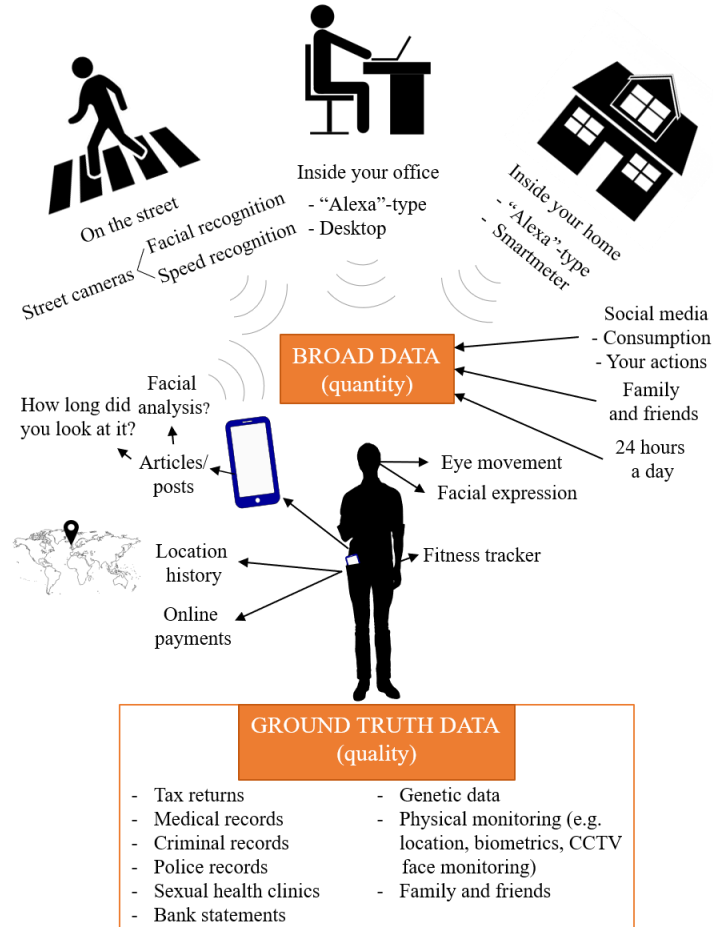
The onion of digital technologies

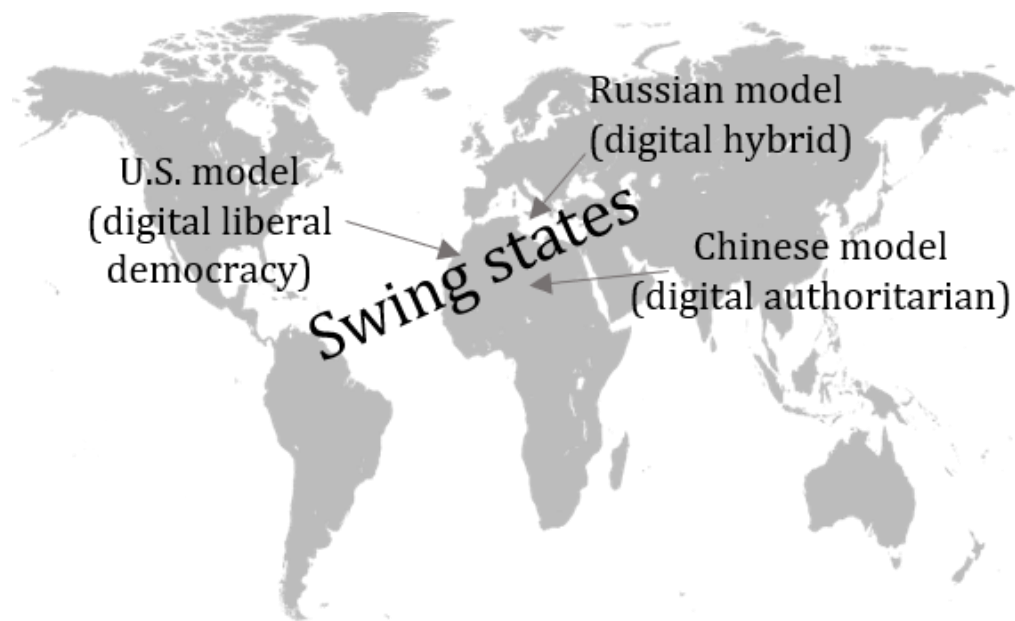


AI's impacts on the global order









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AI, China, Russia, and the Global Order: Technological, Political, Global, and Creative Perspectives

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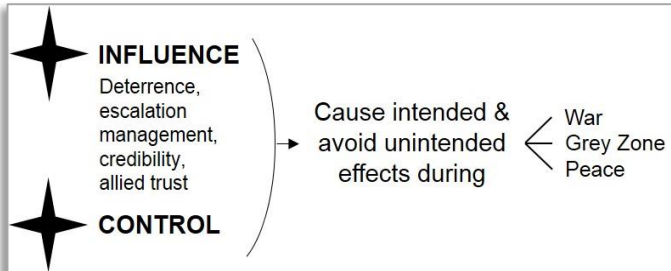
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Strategy is the art of creating power.

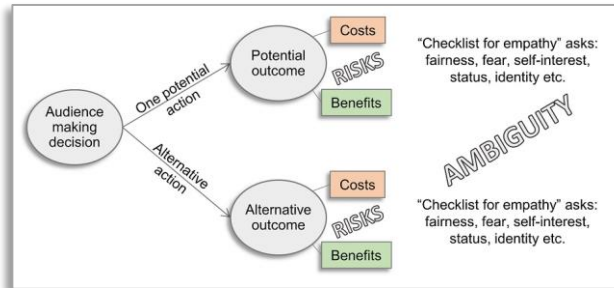
(Sir Lawrence Freedman, Strategy, 2013)

Strategy in the Grey Zone is the art of creating influence.

Influence *and* control



Fundamentally cognitive: *realistic*
about human nature



Use *evidence*

