

The Alan Turing Institute

Regulating the future: AI and regulation

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Overview

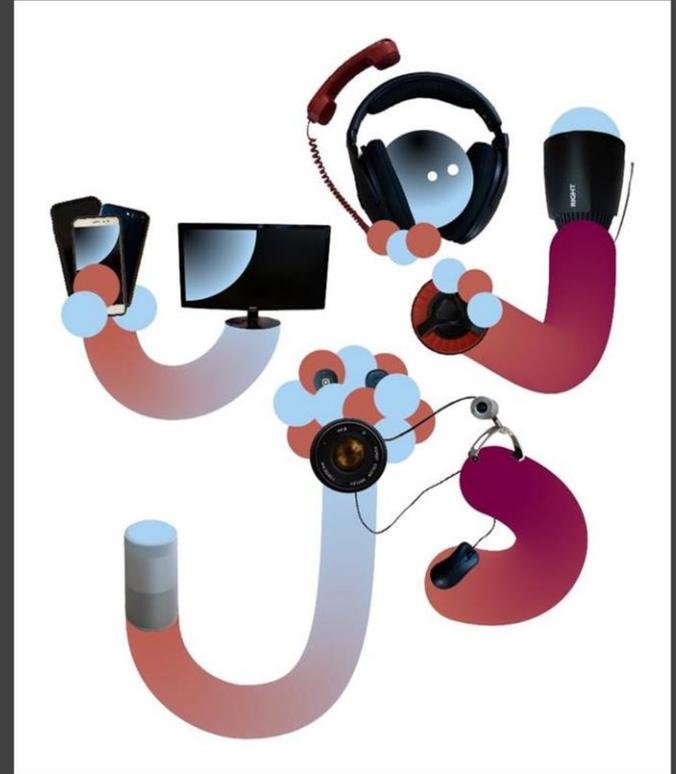
- AI and public sector professions (+scoping survey)
- Future Turing – GMC research project

AI and public sector professions

Defining AI

Artificial intelligence: a technology that imitates human intelligence / performs human like tasks

Lots of potential use cases across the public sector / supporting public sector professions



Public sector experiences of AI

AI is often being placed directly in the hands of (busy / stretched) professionals

- E.g. Microsoft copilot -> just released worldwide

Unclear how this will interact with professional workflows or understandings of professional responsibility

Our research seeks to understand professionals' perspectives on AI

Scoping survey

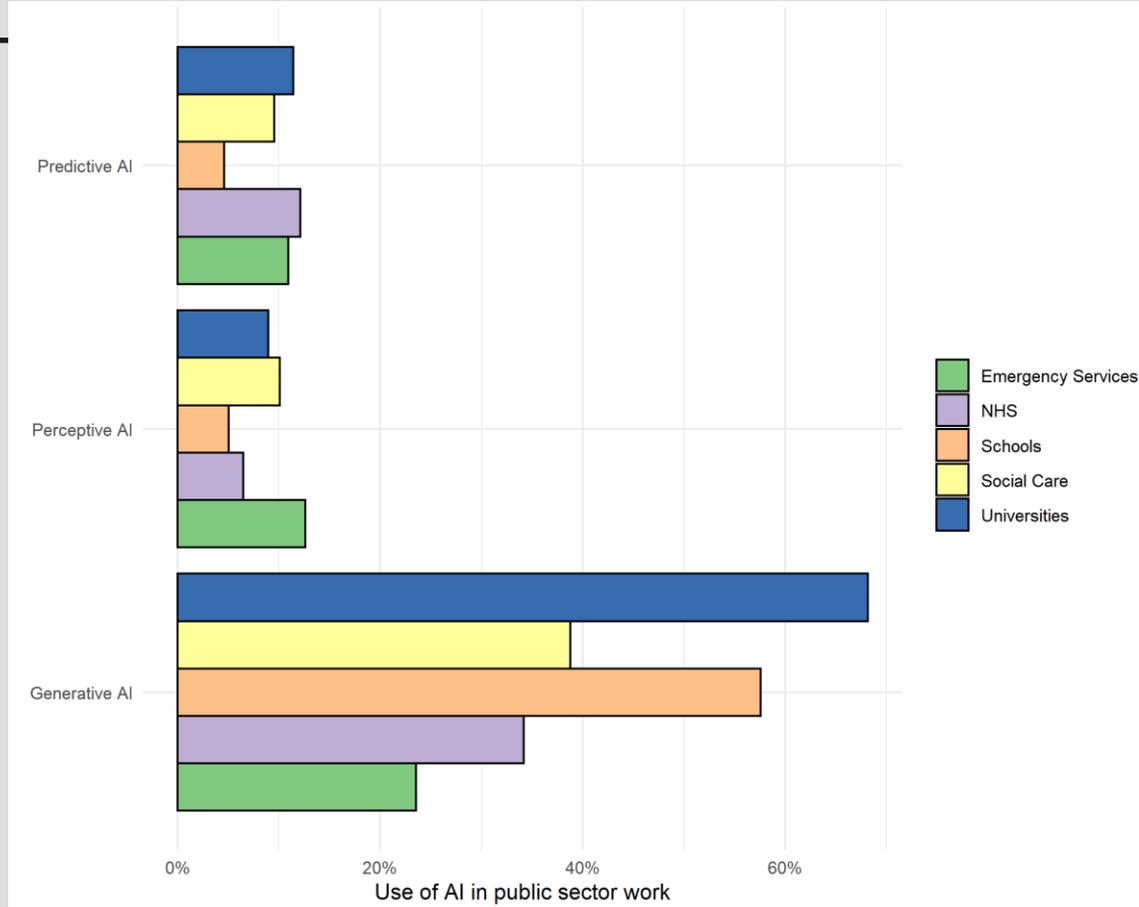
~1,000 respondents across NHS, schools, universities, social work and emergency services (prolific)

Caveat: Respondents self-select – not fully representative of profession

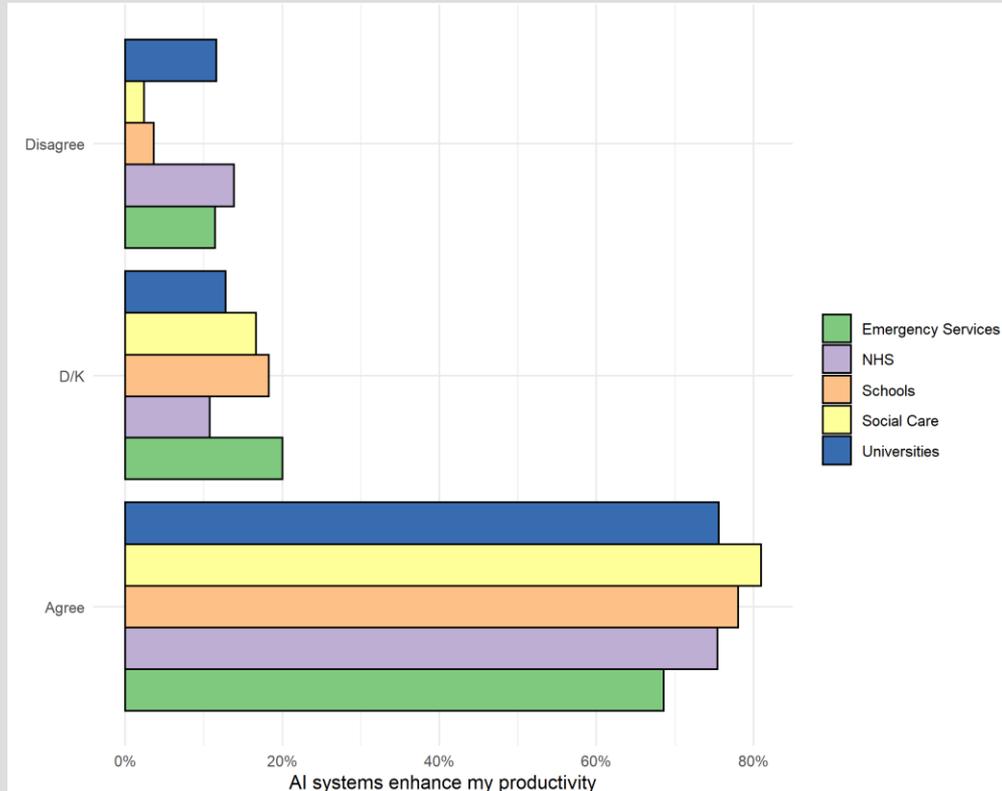
Caveat 2: Results still in draft 😊 Please don't cite yet!

Use of AI

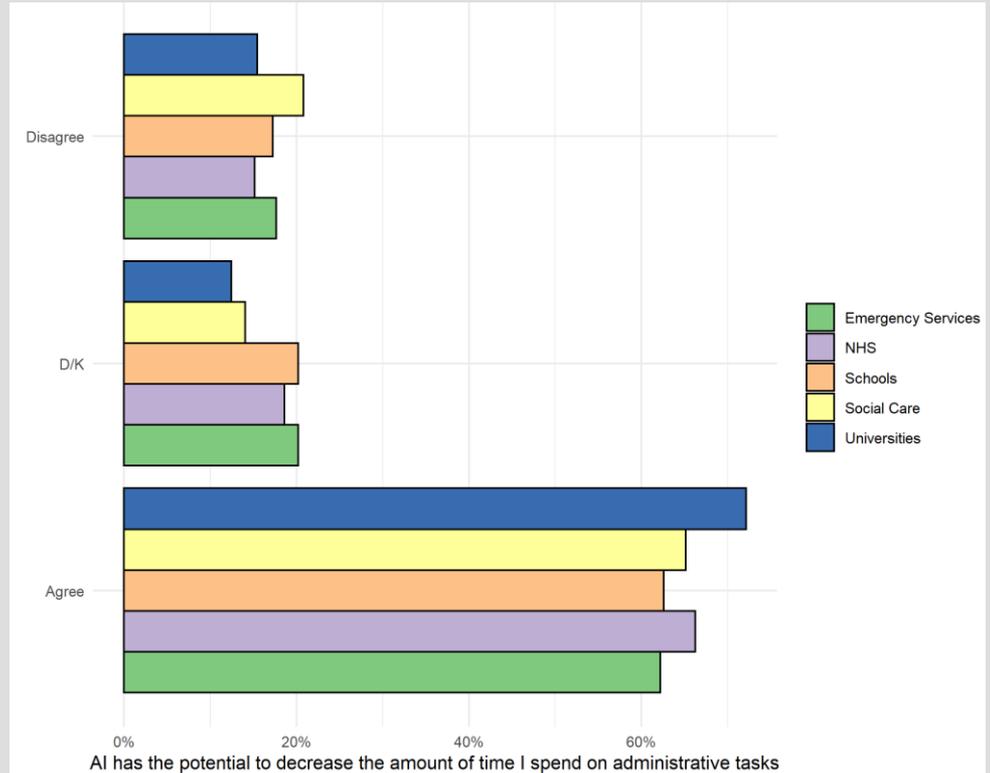
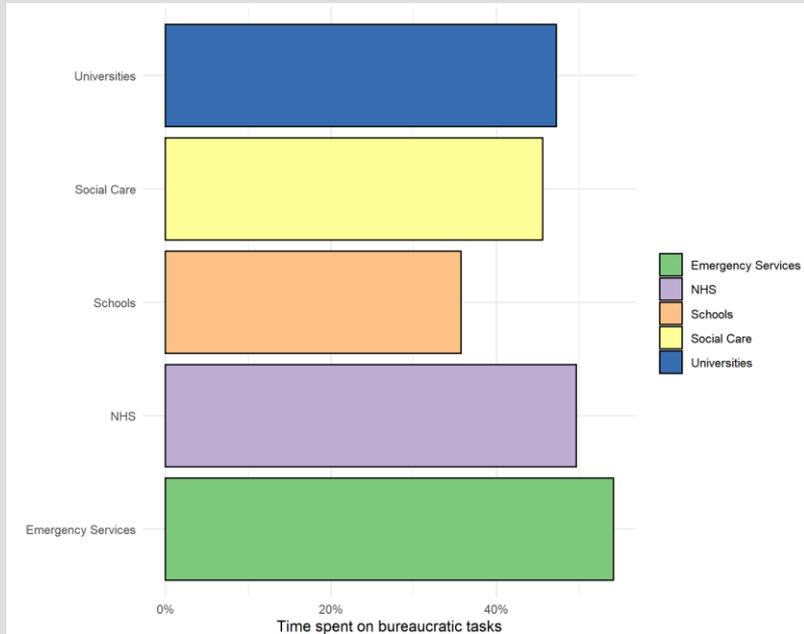
- Clear shift in uptake from ‘classic’ AI to generative AI
- Now really wide use in professions



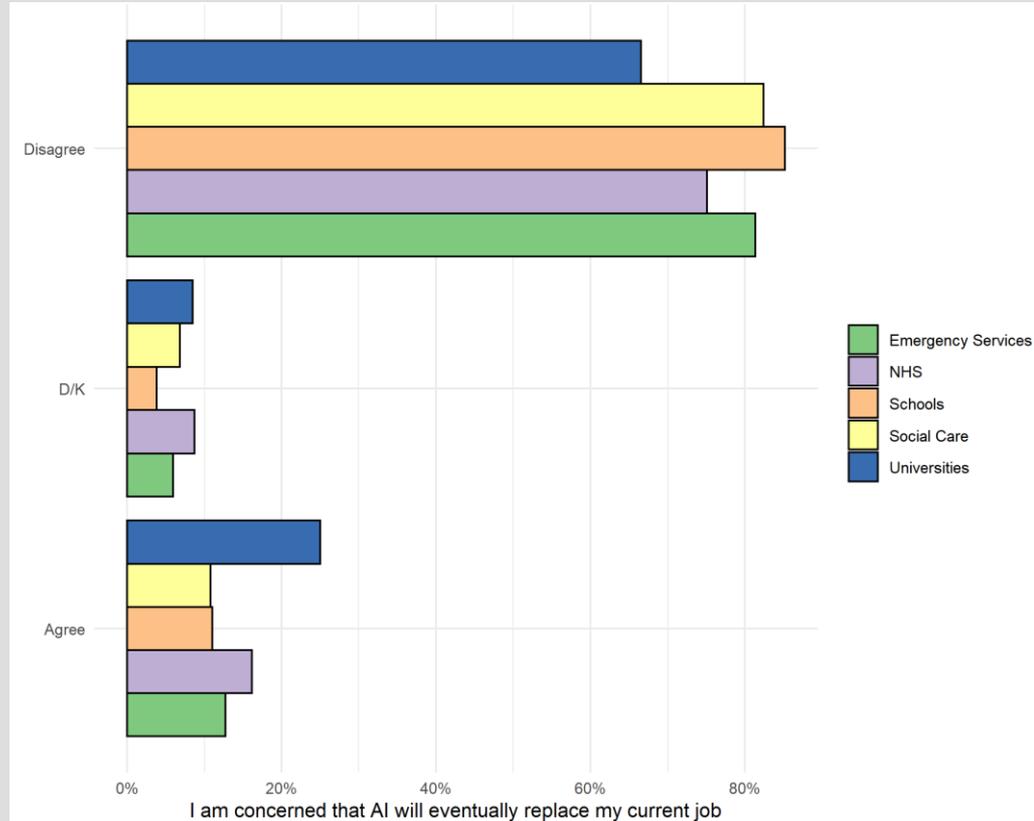
Professionals are really positive about AI



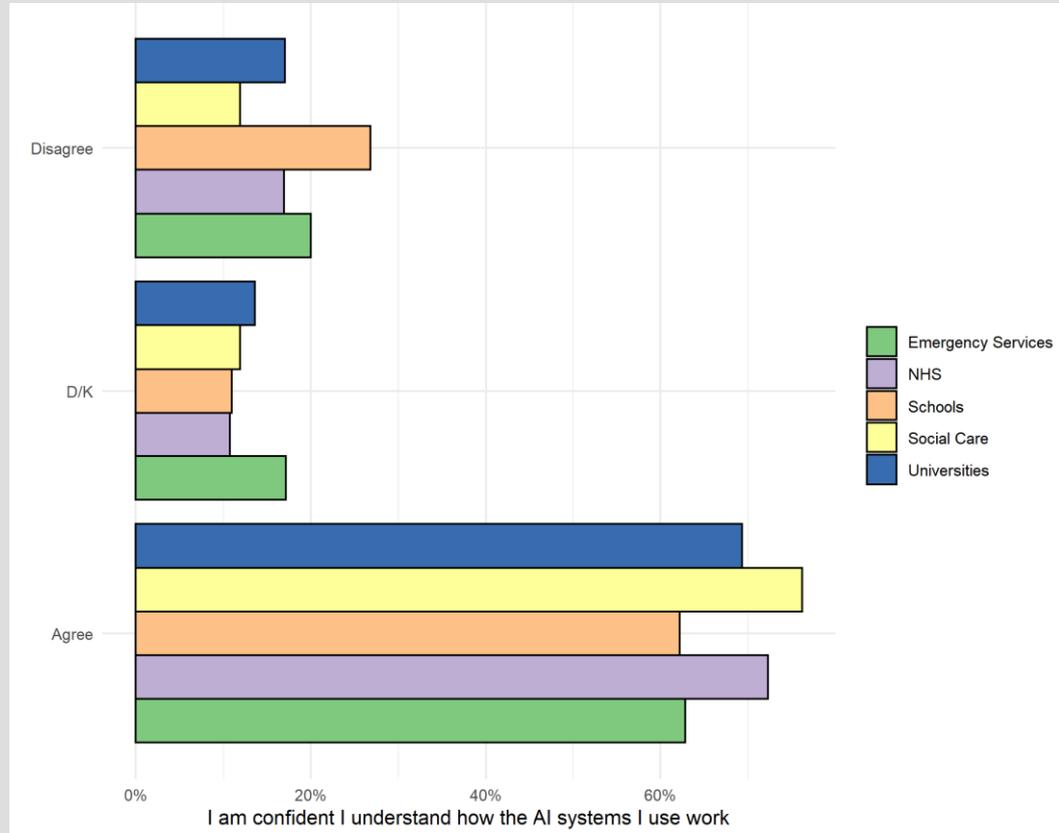
Esp for cutting bureaucracy



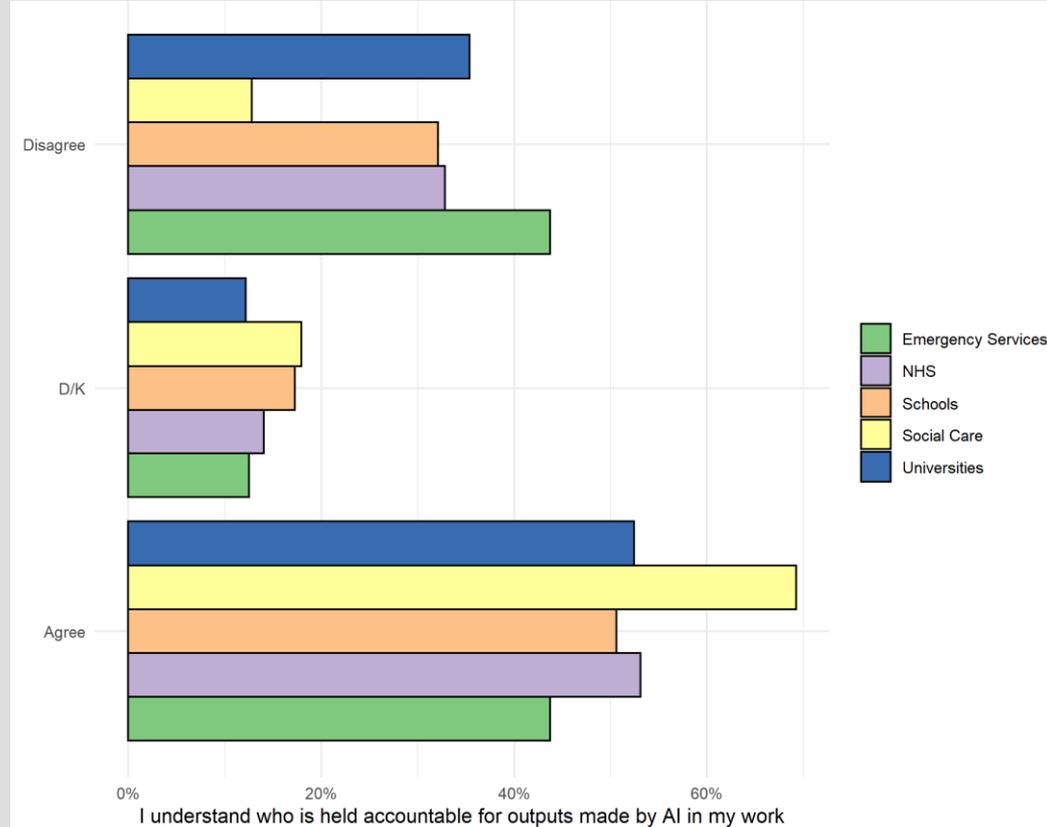
Not worried about job losses



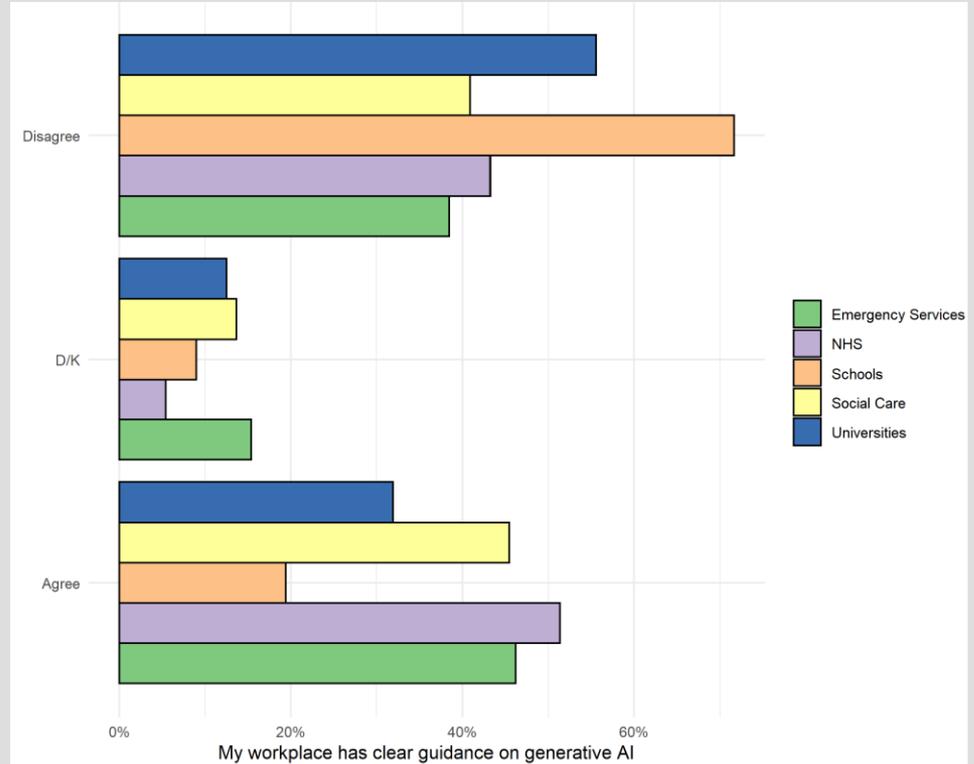
Perceived understanding is quite high



But some confusion over accountability



And definite feeling of lack of guidance



ATI – GMC collaboration

- Scoping survey is *not representative* (and not very detailed)
- We want to dig more into professional experiences in a representative way
- Collaborative survey + interview work with the GMC will help us explore this -> aiming for a representative sample of doctors throughout the UK (we will also build on this with other public sector professions)

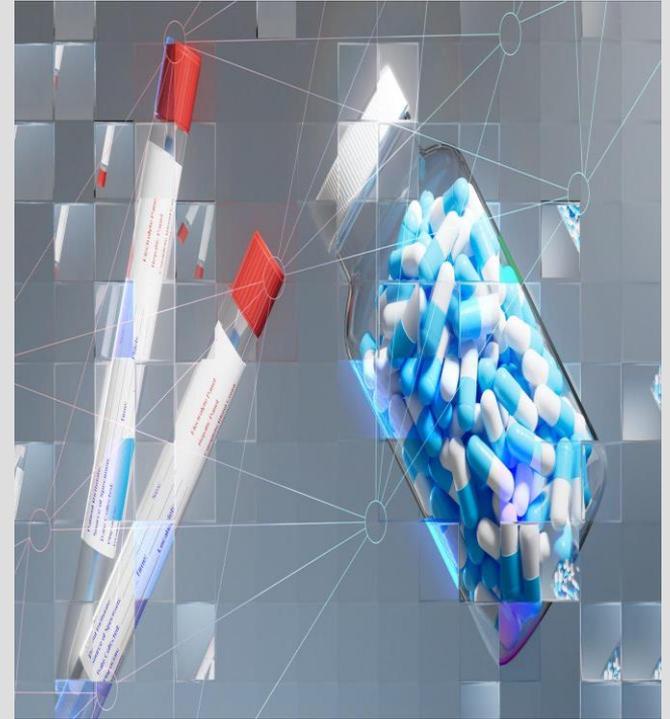


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Thank you/

<https://www.turing.ac.uk/>

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