

# **Artificial intelligence**

**The China-US AI research gap has continued to widen, with Chinese institutions producing 4.5 times as many papers than American institutions since 2010, and significantly more than the US, India, UK, and Germany combined. Moreover, China is significantly leading in areas with implications for security and geopolitics, such as surveillance, autonomy, scene understanding, and object detection.**

**Nathan Benaich and Ian Hogarth,  
State of AI Report 2022, Key Themes**