

Social Impact of Controllable AIs

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For the initial stages of AI development towards singularities, regulation can greatly help reduce risks and ensure responsible growth. Achieving a Singularity would be a unique and practically unpredictable event in human history. While there is the potential to transform us all into omnipotent beings, such a superintelligence is ineffable. If it possesses the capability to interact with the physical world, there is always the risk that it could slip beyond human control. Therefore, in this work, we will focus on the impact of AI from the categories of Expert AI, Autistic Savant AI, and Electronic Human.

In the next table, we enumerate potential disruptions and innovations accelerated by Expert AI, Autistic Savant AI, and Electronic Human types of AI (Controllable AIs) for ten areas.

	Expert AI	Autistic Savant AI	Electronic Human
Healthcare	Specialized Support	Complementary Assistance	Holistic Care
	Diagnostics, Treatment, Mental health, Personalized medicine, Healthcare innovation		
Education	Domain-specific knowledge	Unique learning support	Adaptive Education
	Personalized learning, Curriculum development, Special needs education, Teacher support, Education innovation		
Economy & Finance	Task Automation	Creative Problem-Solving	New Socio-Economic Systems
	Automation of jobs, New job creation, Financial inclusion, Economic growth, Fiscal policy		
Environment	Environmental Analysis	Innovative Solutions	Comprehensive Planning
	Climate change, Pollution management, Resource optimisation, Wildlife conservation, Environmental sustainability		
Social Welfare	Targeted Interventions	Individualized Support	Community Empowerment
	Poverty alleviation, Eldercare, Disaster response, Digital divide, Privacy protection		
Law & Governance	Legal expertise	Multifaceted Analysis	Improved Decision-Making
	Legal system efficiency, Policymaking, Public Administration, Crime prevention, Privacy and security regulation		
Science & Technology	Research Enhancement	Unconventional insights	Interdisciplinary Work
	Scientific discovery, Research collaboration, Space exploration, Technological innovation, Healthcare innovation.		

Arts & Creativity	Creative Inspiration	Unique Artistic Perspectives	Collaborative Creativity
	Artistic innovation, Creative collaboration, Music Composition, Literature creation, Cultural preservation		
Transport	Efficiency Improvements	Adaptive Systems	Integrated Solutions
	Autonomous vehicles, Traffic management, Public transportation, Logistics optimisation, Infrastructure planning		
Communication	Effective Communication	Empathetic Understanding	Seamless Interaction
	Language translation, Customer support, Social media management, Virtual assistants, Human-AI interaction		

In the second table, the focus is on social systems disruption and social changes accelerated by Controllable AIs. The table highlights potential impacts within the ten main categories.

	Expert AI	Autistic Savant AI	Electronic Human
Employment & Workforce	Job Displacement	Skill Mismatch	Workforce Transformation
	Automation, Job loss, Skill gap, New job creation, Gig economy		
Privacy & Security	Data Privacy Concerns	Exploitation Of Vulnerabilities	AI-Driven Surveillance
	Personal data, Surveillance, Cybersecurity, Privacy regulation, Data breaches		
Ethics & Bias	Algorithmic Bias	Unintended consequences	AI Moral Dilemmas
	Discrimination, Fairness, Inclusion, Bias in AI, Ethical AI development		
Social Interaction	Reduced Human Interaction	AI-Mediated Relationships	Digital Dependence
	Social isolation, Virtual assistants, AI companions, Communication shifts, Screen addiction		

Inequality	Widening Digital Divide	Unequal Access to AI benefits	Social Instability
	Wealth gap, Digital divide, AI literacy, Access to resources, Global inequality		
Education & Learning	Educational Disruption	Alternative Learning Approaches	Lifelong Learning
	Online education, Personalized learning, Skill-based education, Access to information, Learning inequality		
Democracy & Governance	AI Influence On Politics	Manipulation Of Public Opinion	AI-Controlled Governance
	Political campaigns, Disinformation, AI-generated content, Voting systems, Public trust		
Identity & Selfhood	AI Identity Formation	AI-Assisted Self-Discovery	AI-Human Hybridisation
	AI-generated art, Self-perception, AI-assisted introspection, Virtual identities, Transhumanism		
Mental Health	Increased Mental Health Concerns	AI-Induced Anxiety	AI-Assisted Therapy
	Loneliness, Stress, AI addiction, Mental health stigma, Therapy accessibility		
Regulation & Policy	Evolving Regulatory Landscape	Reactive Policy-Making	AI-Based Governance
	AI legislation, International collaboration, Regulatory compliance, AI ethics, AI safety standards		

The number of potential applications for those types of AIs is significant, we explored:

Projects Ideas	
Science & Technology	<ul style="list-style-type: none"> • A journal for AI created research • Migrate Scientific and Technological Knowledge inside computer supported representation to enhance scientific discovery (train AI models with scientific knowledge, evolution in knowledge representation and epistemology) • AI supported co-creation tools • AI Robotic Companions (Researcher, Programmer, Teacher, Designer, Artist, etc)
Governance	Decentralised Brands based Governance as transformative social technologies
AI Research	Meta-Rational frameworks to improve wisdom and ability to control AIs
Health	AI for audit and control of documentation and practices (risk reduction in a highly regulated space) AI that ingest knowledge and can advice AI for diagnostic
Open Source	Project to create open AI models for science (cured training data)