Ethical Challenges of AI for Policing

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AI is a growing resource of interactive, autonomous, and self-learning agency, which can be used to perform tasks that would otherwise require human intelligence to be executed successfully.
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Outline

Risks and Opportunities

Digital Ethics

A Message
Challenges as Risks

5 Ethical Challenges of Artificial Intelligence:
- Removing human responsibility
- Devaluing human skills
- Eroding human self-determination
- Enabling human wrongdoing
- Security Problems
  - Escalation
  - Lack of control
Wrongdoing: profiling becomes discrimination
Trust, but no control or predictability
AI failures remain human responsibilities
Pilots need to keep landing airplanes, so they can if AI won’t.
AI is becoming an invisible facilitator that mediates our interactions in a convenient, barely noticeable way.
AI can be used to:

• spot clues in crime scene pictures
• connect criminal cases
• count particles found of suspects’ shoes
Uncertainty over ethical uses of this technology

Reluctance to innovate and public rejection

Loss of potential benefits
Digital ethics to navigate between the risk of social rejection and too strict a regulation
Outline

Risks and Opportunities

Digital Ethics

A Message
Ethical assessment

Socially acceptable & politically feasible

Legally enforceable

Digital Innovation
Digital Ethics

X: Ethics of Data
- Privacy
  - re-identification
  - group privacy
- Trust in whom?
- Transparency of what?

Y: Ethics of Algorithms
- Responsibility/accountability
- Ethical design of requirements
- Ethical auditing of algorithms

Z: Ethics of Practices
- Deontological code
- Consent
- Privacy of data subjects
- Secondary use
Ethics of AI for Policing

**X: Ethics of Data**
- Privacy
- Auditing of database for bias
- Transparency of uses
- Consent

**Y: Ethics of Algorithms**
- Oversight/auditing
- Explanation
- Incremental testing and deployment

**Z: Ethics of Practices**
- Responsibilities/accountability
- Context and mode of use
- Redressing mechanisms
“We shape our buildings and afterwards our buildings shape us”
Thank you

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