

Ethical, social, legal, & governance

reactions to criminal justice predictive analytics

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Ethical

Social

Legal

Governance

Risk Assessments

Predictive Policing

Facial Recognition

Probabilistic Genotyping

Ethical & Social

- Transparency
- Data
- Application

Trials must be open, so should algorithms.

Ethical & Social

- Transparency
- Data
- Application

There is no “crime dataset.”

The data we have is not objective.

Ethical & Social

- Transparency
- Data
- Application

Technology is encoding historical bias against minority and poor communities.

Legal

- 14th Amendment
- 6th Amendment

An accurate algorithm is not necessarily a constitutional one.

Legal

- 14th Amendment
- 6th Amendment

The Fourteenth Amendment: Equal Protection

It's the inputs, stupid.

Legal

- 14th Amendment
- 6th Amendment

The Sixth Amendment: the Right to Confrontation

If an algorithm is an opinion expressed in math, defendants should have a right to confront that algorithm.

Governance

- Laws
- Procurement

The fight will be between private interests
and the public good.

Governance

- Laws
- Procurement

Agencies can improve transparency and oversight without legislation.

Ethical

Social

Legal

Governance

“Technology is neither good nor bad; nor is it neutral.”

- Melvin Kranzberg

Ethical

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Thank you.

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Legal

- 14th Amendment
- 6th Amendment
- 4th Amendment

The Fourth Amendment: Search & Seizure

Machine generated probable cause and perpetual line ups are a reality.