

The Problem of Unduly Accurate Algorithms

- Accuracy can be problematic in the algorithmic society
 - Surveillance, Bias, Human Replacement
 - E.g. algorithms that drive targeted advertising, digital surveillance, 'gaydar', social media
- Proposed solution: ***accuracy bounding***
 - Context-sensitive limits on accuracy either for trial rollout or for permanent protections
 - Precedent: rollout of GPS by US government, rollout of NLP models by OpenAI
- Benefits
 - Control knowledge and power that should not be algorithmically available
 - Refocus industry on other metrics of quality: fairness, robustness, transparency
 - Conceptual convergence of legal regulations and technical parameters