

Comments slides for Thursday, November 19:
Privacy and ethics, part 2

Matthew J. Salganik

COS 597E/SOC 555 Limits to prediction
Fall 2020, Princeton University

Obermeyer et al. and Benjamin

- ▶ Problem formulation (choice of outcomes) as a “hidden” limit to prediction (also source of overconfidence). We might be able to predict GPA quite well, but we might really need to predict knowledge. To the extent they are different, we might be fooling ourselves. This seems like the basis for a toy model.

Obermeyer et al. and Benjamin

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- ▶ How does the choice of outcome relate to the goal? Passive prediction vs prediction for intervention. Cost vs avoidable costs.

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- ▶ How does the choice of outcome relate to the goal? Passive prediction vs prediction for intervention. Cost vs avoidable costs.
- ▶ One of the hardest part of this paper is getting access to the data and code.

Chouldechova

- ▶ Fairness as a limit to predictive accuracy? How much does one of these requirements reduce the best possible accuracy?

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- ▶ P.S. Interested in understanding how these systems impact practice: check out Simone Zhang's dissertation

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