We ask you to submit comments on the following readings by midnight Sunday April 10:

- Selling Privacy at Auction, A. Ghosh and A. Roth, EC’11.
- Truthful Linear Regression, R. Cummings, S. Ioannidis, and K. Ligett. COLT’15.

Your comments should include both answers to the specific reading questions and generic response about the papers. You are welcome to include any questions you have about the papers in your comments. After submitting your own comments, you’ll be able to see others’ submitted comments. You can comment on others’ submissions and answer raised questions on Canvas. Discussion on Canvas is strongly encouraged.

1 Reading Questions

1. Explain intuitively the notion of differential privacy and why the authors chose to use this definition of privacy in Selling Privacy at Auction. Briefly explain the distinction with joint differential privacy.

2. Describe the main implications of the negative result from Selling Privacy at Auction and how the authors got there. How does Truthful Linear Regression attempt to circumvent this constraint?

3. Summarize the major contribution of each paper. Does one come across as more influential, practical or important?

2 Generic Response

Respond to the readings following the guidelines in the course syllabus (under “Submit Comments and Presenting Papers”).