

Learning and Econometrics

Reading Questions for Monday, April 18, 2016

We ask you to submit comments on the following readings by midnight Sunday April 17:

- Game Theory and Econometrics: A Survey of Some Recent Research, P. Bajari, H. Hong, and D. Nekipelov, Econometric Society World Congress 2010. (Sections 1-4 only. Other sections optional.)
- Big Data, New Tricks for Econometrics, H.R. Varian, Journal of Economic Perspectives, 2014.

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. Briefly describe the two-step estimator proposed in Bajari et al. Why do they choose to break up the estimation into two steps?
2. What does it mean for an econometric model to be “identified” in the context of the Bajari et al. paper?
3. After reading these two papers, what would you say are the major differences between econometric and computer science approaches to game theory? What do these two disciplines have to contribute to one another?

2 Generic Response

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