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Education

Ph.D. Candidate in Economics, University of California, Los Angeles.

Expected Completion Date: June 2018.

M.A. Economics, University of California, Los Angeles, 2014.

B.A. in Economics and Finance, 1st Class Honors, University of Hong Kong, 2012.

References

Professor John Asker (main advisor)	johnasker@econ.ucla.edu	(310) 825-1011
Professor Hugo Hopenhayn	hopen@econ.ucla.edu	(310) 206-8896
Professor Rosa Matzkin	matzkin@econ.ucla.edu	(310) 825-7371

Research Papers

“The Effect of Production Information on the Choices of Lease Locations: a Study of the Marcellus Shale”. (Job Market Paper)

In November 2010, the Pennsylvania government began posting well-specific production data of the Marcellus Shale. The information reveals the shale gas reserve distribution. This paper studies the effect of the production information disclosure on the shale gas operators’ choices of lease locations. A theoretical model is proposed, in which firms sequentially choose the location with the highest expected return by conducting Bayesian updating about the locations’ output potentials, with their prior beliefs adjusted by the production data. The model is empirically examined using a novel dataset. Outcomes show that the production information shifts firms’ target leases towards more productive regions, leading to higher efficiency of the shale gas firms’ resource allocation.

“Two Empirical Models of Matching Games”

This paper proposes two empirical models of one-to-one matching games. The first model concerns static one-to-one transferable utility matching games with search frictions. Nonparametric identification is examined and illustrated using a simple example. The second model studies static one-to-one non-transferable utility matching games. It uses a parametric framework and allows heterogeneity by imposing random effects and random coefficients. In particular, a finite mixture model is considered. The paper then conducts a Monte Carlo exercise and uses the EM algorithm to estimate the model.

Professional Experience

Summer Associate, Cornerstone Research, Summer 2016.

Summer Intern, PwC Hong Kong, Summer 2010.

Teaching Experience

Lecturer, Department of Economics, UCLA.

Microeconomic Theory, Summer 2017, Summer 2015.

Teaching Assistant, Department of Economics, UCLA.

Microeconomics: Theory of Firm and Consumer (Ph.D. core), Fall 2013.

Principle of Economics, Winter 2013 & Spring 2014.

Introduction to Econometrics, Fall 2014, Spring 2015 & Spring 2016

Microeconomic Theory, Winter 2014, Fall 2015 & Winter 2015.

Probability and Statistics, Fall 2016, Winter 2017 & Spring 2017

Awards and Honors

HKU Foundation Scholarship, University of Hong Kong, 2009-2012

Dean's Honors List, University of Hong Kong, 2009-2012

Skills

Programming: Stata, R, Matlab, \LaTeX .

Languages: English (Fluent), Mandarin (Native).

Personal

Born in November, 1989.

Chinese citizen.