

Yingying Na

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Summary

Experience in statistical modeling, data mining, data collection and management, large datasets, panel data, simulation.

Knowledge in game theory, probability theory, calculus, dynamic optimization, Markov process.

Software skills in Stata, SPSS, Eviews, Microsoft Office, Adobe suite, LaTeX and Scientific Workplace.

Education

New York University, New York, NY, Ph.D. in Political Economy, expected May 2011
Advisor: Adam Przeworski

University of Oregon, Eugene, OR, M.A. in International Political Economy 2004

Peking University, Beijing, China, B.A. in International Politics and in Economics 2002

Research Projects

“Economic Conditions, Poverty, Corruption and Local Election: An Empirical Investigation”
(July 2010)

Drawing on an original dataset on local elections across 113 countries from 1945 to 2009, employing simulations and panel data techniques such as pooled logit and random effects logit, this project investigates how the onset of competitive local elections is affected by economic growth, citizens’ minimum consumption, local officials’ embezzlement and ethnic heterogeneity.

“Local Election or the Lack of It: A Comparative Study of China, Mexico and Libya” (January 2010)

Utilizing comparative case study and qualitative approach, the paper sketches the economic evolution in the three countries and explains Chinese village direct election, Mexican opposition local victories and Libyan depoliticization of citizens.

“Authoritarian Multipartyism and Local Election: A Formal Investigation” 2009

Adopting a game theoretic approach, the project makes use of probability theory, calculus, dynamic optimization, Hamiltonian function, Markov process, and numerical methods, in order to formally model the causal mechanism of local elections in authoritarian regimes.

“Why do Some Dictators Allow and Even Promote Competitive Local Elections?” 2008

Adopting a game theoretic approach, the paper utilizes spatial model, quadratic loss function, constrained optimization, Lagrangian, and calculus, to explain why some dictators allow opposition parties to compete and win in local elections.

“Rule of Law in China” 2007

The paper analyzes Chinese social economic conditions and the issue of inequality, and discusses whether rule of law is compatible with a non-democratic regime.

“Vagueness of Party policy, Number of Effective Parties and Party Positions” 2006

This paper is based on expert survey data about economic policy positions of 383 political parties in 47 countries. It employs both ordinary least squares (OLS) and panel data models such as fixed effects, random effects generalized least squares, and random effects maximum likelihood estimation, to examine how vagueness of parties’ policies was affected by the number of parties and parties’ economic positions.

“Review on Growth, Inequality and Poverty Traps” 2006

This paper is a review of the economic growth literature. By critiquing the main scholarly works on the subject, it compares political conditions under which governmental intervention impedes growth and that accelerates growth; discusses whether there exists a trade-off between inequality and growth, and whether the poverty traps argument could explain income divergence among countries.

“Economic Conditions and Bilateral Trade: Diversionary Trade?” 2005

In order to examine how unemployment and inflation and alliance status affect bilateral trade flows, this paper uses data on dyadic trade flows covering all countries in the world from 1870 to 1992. It applies the gravity model and panel data techniques such as fixed effects, random effects generalized least squares, random effects maximum likelihood estimation, and generalized estimating equation.

“Domestic Economic Conditions, International Crisis and War” 2005

Based on Correlates of War data covering all countries in the world from 1950-2002, this paper investigates how unemployment and inflation affect crisis involvement and escalation from crisis to war. It employs the Sartori selection model instead of Heckman selection model to account for the fact that the error terms are the same in simultaneous equations.

“Explaining the Forms of Foreign Direct Investment (FDI) in China: the Interaction between Economic Approaches and Political and Policy Explanations” 2004

This paper applies panel data techniques to self-collected data on FDI in China (the coverage is for 34 provinces from 1984-1999), to explore how the forms of FDI (i.e. contractual joint ventures, equity joint ventures, and wholly foreign owned enterprises) changed over time.

Dataset Projects

Collaboration with Adam Przeworski et al. on the NSF-funded Political Institutions and Economic Development dataset project, 2008, 2009, 2010,

for all independent countries from 1917 through 2000, check on discrepancies among about 100 variables, consult original sources of data and fix any problems that arise.

Original dataset on local elections in authoritarian regimes, 2009,

recorded whether competitive local election occurred in a country (113 countries totally) in a given year (from 1945 to 2009), which was constructed from various resources including newspapers, journal articles, book chapters and online sources.

Summarized all the prominent existing datasets on conflicts, 2009,

for each of the 41 datasets, the following information is provided: spatial and temporal coverage, type of event (armed conflict or war), coded main variables, and access information as of April 2009, in order to synthesize all of them into one comprehensive dataset about civil conflict for all independent countries in the world from as early as 600 B.C. to present.

Report on Fetters, 2007,

qualitative categorization of a series of factors such as monopoly, coercive attachment to land, compulsory delivery of agriculture goods at a fixed price, slaves and labor reallocation etc. as causes to accelerate or impede economic growth.

Dataset on foreign direct investment in China, 2004,

collected from archive research on the forms of FDI (i.e. contractual joint ventures, equity joint ventures, and wholly foreign owned enterprises), across 34 provinces from 1984 to 1999.

Conference Presentations

Democracy and Democratization Conference, Storrs, Connecticut, February 2009.

Paper presented: "Authoritarian Multipartyism and Local Elections: A Formal Investigation".

Midwest Political Science Association Annual Conference, Chicago, April 2008.

Paper presented: "Why do Some Dictators Allow and Even Promote Competitive Local Elections?"

New York University Political Science Department Research Workshop, 2007.

Paper presented: "Rule of Law in China".

Midwest Political Science Association Annual Conference, Chicago, April 2005.

Paper poster: "Economic Conditions and Bilateral Trade: Diversionary Trade?"

International Studies Association (West) Annual Meeting, Las Vegas, October 2004.

Paper Presented: "Explaining the Forms of FDI in China: the Interaction between Economic Approaches and Political and Policy Explanations".

2004 U.S. Foreign Policy Colloquium, Washington D.C., June 2 - 5, 2004.

Honors and Awards

McCracken Fellowship, New York University, 2004 - 2010.

Summer Research Fellowship, New York University, 2005 - 2009.

NYU Conference Travel Awards, 2004, 2008, 2009.

Graduate School of Arts and Sciences Student Travel Grant, New York University, 2005.

Graduate Teaching Fellowship, University of Oregon, 2002 - 2004.

Travel Scholarship, Foreign Policy Colloquium, Washington D.C., 2004.

General Electric (GE) Scholarship, Peking University, 1999 - 2000.

Award of Excellent Academic Performance, Peking University, 1999 - 2000.

Award of Excellent Student Leader for High School Students, Harbin, China, 1998.

Prize in National English Olympics for High School Students, China, 1996.

Teaching Experience**New York University**

Prof. Adam Przeworski, Summer Research Assistant, 2006, 2007, 2008, 2009, 2010.

Studying Political History (Graduate), Prof. Adam Przeworski, Teaching Assistant, Spring 2010.

Politics of Economic Growth (Graduate), Prof. Adam Przeworski, Teaching Assistant, Fall 2009.

Institutional Change (Graduate), Prof. Adam Przeworski, Teaching Assistant, Spring 2009.

Democracy (Graduate), Prof. Adam Przeworski, Teaching Assistant, Fall 2008.

International Politics (Undergraduate), Prof. Shanker Satyanath and Prof. Michael Gilligan, Teaching Assistant, Fall 2005, Spring 2006, Fall 2006, Spring 2007.

University of Oregon

Prof. Jane Cramer, Research Assistant, Spring 2004.

Problems in U.S. Politics: the Politics of Crime, Teaching Assistant, Spring 2004.

Mafia and Corruption in Russia, Teaching Assistant, Winter 2004.

Politics of China, Teaching Assistant, Fall 2003.

International Political Economy, Teaching Assistant, Spring 2003.

Problems in US Politics, Teaching Assistant, Winter 2002.

Modern World Governments, Teaching Assistant, Fall 2002.

Software Skills

Stata, SPSS, Eviews, Microsoft Office, LaTeX, Scientific Workplace

Professional Affiliation

Member, American Political Science Association

Languages

Mandarin Chinese (Native), English (Fluent)

References

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Last updated: January 28, 2011