

SHRUTI KAPOOR

3125 Sproul Hall , Department of Economics, University of CA, Riverside, Riverside, CA 92521
Email: Shruti.kapoor@email.ucr.edu; Phone: (951)-892-8422

EDUCATION

- Ph.D. Economics, University of California, Riverside, CA Expected June 2009
Dissertation: "*Essays in Human Capital Development*"
Committee Co-chairs: Dr. Anil Deolalikar and Dr. Aman Ullah
- M.S. in Applied Economics, Marquette University, Milwaukee, WI May 2002
- B.A. Economics, Sophia College, Mumbai, India May 2000

FIELDS OF SPECIALIZATION

- Primary: Development Economics , Applied Microeconomics
- Secondary: Econometrics, Labor Economics, Demography

RESEARCH PAPERS

- Infant Mortality Rates in India: District Level Variations and Correlations, *Job Market Paper*
- Childbearing and Women's Labor Force Participation: A case study of South Africa
- The Bombay and Karachi Stock Exchange: A Nonparametric analysis
- The Conditional Autoregressive Range (CARR) Model: Estimation and Forecasting

HONORS AND AWARDS

- UCR Dissertation Research Grant Dec. 2006 – Dec. 2007
- UCR, Dean's Scholarship Sep. 2004 – Sep. 2005
- Selected amongst 40 students internationally to attend summer school on inequality, poverty & redistribution, organized by ECINEQ, Spain Summer 2006
- Marquette University Scholarship Aug. 2000 – May 2002

CONFERENCES

- Presented at the Midwest Economics Association, March 2009
- Presented at the Pacific Conference for Development Economics, March 2009
- Scheduled to present at the International Assoc. For Feminist Economics (IAFFE), June 2009
- Scheduled to present at International Health Economics Association (iHEA), July 2009

TEACHING EXPERIENCE

- Teaching Assistant, Department of Economics, University of CA, Riverside, CA** Sept. 2005 – Present
- Microeconomics – Introductory (Econ 002) and Intermediate (Econ 102A)
 - Macroeconomics – Introductory (Econ 003) and Intermediate (Econ 103A, Econ 103B)
 - Econometrics – Intermediate (Econ 107)
 - Statistics for Economics (Econ 101)
 - Research Methods (Econ 111)
 - Reader for Advanced Econometric Methods (Econ 285J)

WORK EXPERIENCE

- Senior Analyst Intern, Global Concepts Inc. a subsidiary of Mckinsey & Co., Atlanta, GA** June 2007 – Sept. 2008
- Worked on the 2008 and 2007 Federal Reserve Non-cash Payments Study. Analyzed non-cash payment data of

- 100+ banks to identify anomalies. Communicated actively with banks to verify and update all data
- Updated the levels and trends of balances, revenues and pretax profits in the US personal financial services industry (PFS) across 21 product categories, based on a combination of public and proprietary data sources

Consultant, The World Bank, Washington DC

June 2002 – Dec. 2007

Worked with a broad range of household survey data from various countries represented by The World Bank.

Developed statistical codes for carrying out multivariate analysis. Following is a partial listing of work done:

- Analyzed data from the Rural Energy Survey in Peru to identify sources of energy and their expenditure levels
- Worked with a team leading to the establishment of the first National Education Accounts (NEA) in Turkey. NEA is a hybrid micro-macro economic framework for calculating national economic expenditure
- Analyzed Turkey's household level data to get statistics on employment, social benefit and consumption patterns
- Conducted quantitative analysis of Bosnian household poverty from the Living Standards Measurement Survey
- Developed performance indicators to evaluate independent vs. Ministry-related social security institutions for the Czech Republic; Focused on administrative autonomy and client responsiveness
- Assembled electricity pricing rates for various countries and compared pricing structures to identify best practices

Research Assistant, Department of Economics, University of CA, Riverside, CA

Dec. 2006 – April 2007

- Assisted on a National Science Foundation Project on Measuring the Standard of Living; Analyzed air quality data for 500 sites in Southern CA to develop a new and comparative air quality indicator
- Assisted on a federal grants project related to hunger and poverty in rural Brazil

Summer Intern, LECG LLC Emeryville, CA

June 2006 – Aug 2006

- Provided research assistance for the project on optical fiber transmission capabilities
- Assisted Directors and Experts in collecting information for jury trial; updated economic figures and collected data

Summer Research Associate, Mckinsey & Co., Chicago

June 2001 – Aug. 2001

- Developed a detailed overview of the business research industry, involving the analysis of market size and trends
- Processed research requests involving economic and financial analysis as well as literature searches, including both quick turnaround requests and long pieces of work

PROFESSIONAL ACTIVITIES

- Journal Reviewer: The Aligarh Journal of Statistics, Journal of Quantitative Economics
- Conference Discussant: Quality of Life: Conceptual Issues and Measurement, UC Riverside, 2006
- Society Memberships: American Economic Association, Econometric Society, Midwest Economic Association
- Founder of a 2000 member non-profit organization of young professionals in the greater Los Angeles area
- Member, Graduate Student Council, Marquette, 2000-2002; Negotiated 8% stipend increase for graduate students, organized several inter-departmental and faculty-student interactions

COMPUTER SKILLS

- SPSS, STATA, R, GAUSS, E-Views, SAS, MATLAB (working knowledge), MS Office, Lotus Notes, ADePT

PERSONAL INFORMATION

- Citizenship Status: Indian

REFERENCES

Dr. Anil B. Deolalikar
 Professor and Associate Dean
 Department of Economics
 University of CA, Riverside
 Phone: (951) 827-2443
anil.deolalikar@ucr.edu

Dr. Aman Ullah
 Professor and Dept. Chair
 Department of Economics
 University of CA, Riverside
 Phone: (951) 827-1591
aman.ullah@ucr.edu

Dr. Jeanine Braithwaite
 Senior Economist
 HDNSP
 The World Bank
 Phone: (202) 458-2724
jbraithwaite@worldbank.org

Infant Mortality in India: District-Level Variations and Correlations

Abstract

This paper examines the correlates of infant mortality in India using district-level data from the 1991 and 2001 Census of India. While infant mortality rates have dropped across districts over this ten year period, there still remains a lot of heterogeneity across districts and hence across the states. Using a panel dataset of 666 districts, the analysis seeks to determine which of socio and or economic factors play an important role in reducing infant mortality rates. In our empirical work, the explanatory variables used are male and female literacy, male and female labor force participation, the level of poverty, urbanization and other socio-economic variables. We use quantile regression analysis to determine which of these factors impact infant mortality. Quantile regression is preferred over OLS because it allows us to estimate models for the conditional median function, and the full range of other conditional quintile functions and therefore provides a more complete statistical analysis of the stochastic relationship among random variables. The analysis brings out the powerful influence on infant mortality of women's characteristics, especially literacy and labor force participation. Increases in both of these variables significantly reduce child mortality at the district level. Improvements in male laborers in non-agricultural work and reductions in poverty also reduce child mortality, but their quantitative impact is weak in comparison. Further the non-parametric analysis reinforces the results found in the parametric section. They indicate that the action or the impact of the covariates is strongest in the districts which lie in the center of the distribution, rather than those at the extreme. This analysis allows us to determine in which districts the impact of additional target policies would yield the greatest reduction in infant mortality.

Key words: mortality, female literacy work participation rate, demographic change, quintile regression and nonparametric methods.

JEL Classification: C23, J13, I12
