

# CURRICULUM VITAÉ

SUBRATO BANERJEE

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## ADDRESS

Economics and Planning Unit, Indian Statistical Institute,  
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## PERSONAL DETAILS

Gender: Male  
Date of birth: November 4, 1984  
Nationality: Indian  
Research fields: Experimental and Behavioral Economics, Empirical Industrial Organization,  
Cooperative Game Theory, Behavioral Finance

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## EDUCATION

2015	PhD in Economics, Indian Statistical Institute (ISI), New Delhi, India Supervisor: Prof. Bharat Ramaswami Thesis title: "Essays on Economic Behaviour and Regulation"
2007	M.A in Economics (CGPA: 6/9), Jawaharlal Nehru University, New Delhi, India
2005	B.A (Hons.) in Economics, University of Delhi, India

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## RESEARCH PAPERS

### **Set Contractions and Bargaining Outcomes: An Experiment** (Job Market Paper)

Preparing for submission to *Journal of Economic Behavior and Organization*- ABS Journal Ranking 2015: 3\* rating

Abstract: We experimentally revisit the axiom of independence of irrelevant alternatives in the literature on cooperative bargaining, with the exogenous introduction of asymmetry. We see if the existence of asymmetries facilitate or enhance the effects of contraction of the feasible set. We conclude that the validity of this axiom is only limited to symmetric games in the sense that 'irrelevant alternatives' do begin to matter when there is bargaining asymmetry. The implications of this result are important, for a mere introduction of a minimum wage law, or the introduction of a maximum retail price (each of which can be thought of as a contraction) may significantly alter (respectively) the bargaining powers of laborers and consumers, even when such contractions are not binding.

### **Dictator Games in the Field: The Private Moral Calculus of Economic Agents** (with B. Ramaswami)

Preparing for submission to *The Economic Journal*- ABS Journal Ranking 2015: 4\* rating

**Abstract:** We address the recently growing concern over what we can conclusively learn from dictator games, given the multitude of (laboratory and field) outcomes associated with them. We argue that dictator games are useful, for they are remarkably good predictors of actual market behavior. Even more interestingly, we find that the offers that dictators choose to make to the recipients can be predicted by their real-life transaction behavior. Any participant in a dictator game frequently sees it as just a game, and not as a naturally occurring strategic interaction. We suitably modify a dictator game to draw parallels (from observations inside the lab) in the extra-lab world. Our subjects (three-wheeler taxi cab drivers in New Delhi) are put in a position of a proposer of a dictator game (by actors), without the knowledge that they are a part of an experiment. Additionally, we show that while a substantial proportion of drivers show a preference for the dictatorial outcome, social norms also play a strong role.

### **Power Analysis and Sample Sizes: A Binding Frontier Approach**

**Abstract:** I introduce a completely new (non-parametric) approach to determine (satisficing) sample sizes, when dynamic sampling and stopping rules are not feasible, and when no assumption can be made on the underlying (and unknown) distribution(s) that is (are) believed to generate observed experimental data. The method proposed, that relies on the construction of a ‘binding function’, is shown to be a general solution for a class of problems associated with decision functions that frequently interest (lab and field) experimental researchers in the areas of economics and psychology.

### **On the Econometric Detection of Fraudulent Action**

**Abstract:** I propose a method to detect units of observation associated with malpractice. The method exhibits a remarkable detection rate and requires two stages. In the first stage, (biased) regression coefficients are systematically obtained using fixed effects. In the second stage, a structure is imposed on the estimates to single out the units of observations that are highly likely to involve malpractice. The method is explained in the context of sports-persons who may resort to drug-intake (without reporting) for the qualifiers before an event of central importance. Chemical processes of detection are often costly, unhealthy, and erroneous.

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## **PUBLICATIONS**

Banerjee, S. (2015). “Testing for Fairness in Regulation: Application to the Delhi Transportation Market”, *Journal of Development Studies* 51(4), pp. 464-483.

“Report on the IT-ITES/BPO Industry”, *ICRA In-house Research*, 2006.

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## **SCHOLARSHIPS AND GRANTS**

2016: *Royal Economic Society (RES)* conference grant to attend the Royal Economic Society (RES) Symposium.

2012 - 2015: *Research Grant* from the Planning and Policy Research Unit, Indian Statistical Institute, New Delhi, India

2010 - 2014: *Senior Research Fellowships (for PhD)*, Indian Statistical Institute, New Delhi, India

2008 - 2010: *Junior Research Fellowships (for PhD)*, Indian Statistical Institute, New Delhi, India

2011: *Best Paper Award*, Doctoral Conference, Indian Institute of Management, Ahmedabad, India

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## **CONFERENCE AND SEMINAR PRESENTATIONS**

2016: *Summer Conference in Economics: Theory Meets Empirics*, Department of Humanities and Social Sciences, Indian Institute of Technology Delhi, India (April)

2016: *2nd Royal Economic Society (RES) Symposium*, University of Sussex, Brighton, The United Kingdom (March).

2016: *Department of Economics, Weekly Seminar*, University of Birmingham, Birmingham, The United Kingdom (March).

2016: *Remembering Nash*, S. P. College, Pune, India (February).

2015: *25th Annual Conference on Contemporary Issues in Development Economics*, Jadavpur University, Kolkata, India (December).

2015: *11th Annual Conference on Economic Growth and Development*, Indian Statistical Institute (ISI) Delhi, India (December).

2015: *10th Winter School*, Delhi School of Economics (DSE), New Delhi, India (December).

2015: *Annual Meeting of the Scottish Economic Society*, Scottish Economic Society, Perth, Scotland, The United Kingdom (April).

2014: *Latin American Meetings of the Econometric Society (LAMES)*, Faculdade de Economia, Administração e Contabilidade da Universidade de São Paulo (FEA-USP), São Paulo, Brazil (December).

2014: *International Growth Centre (IGC) - ISI Summer School in Development Economics*, Indian Statistical Institute (ISI), New Delhi, India (July).

2013: *3rd International Conference on Business Analytics*, Great Lakes Institute of Management, Chennai, India (December).

2013: *9th Annual Conference on Economic Growth and Development*, Indian Statistical Institute (ISI), New Delhi, India (December).

2013: *UECE Lisbon Meetings: Game Theory and Applications*, Instituto Superior Economia e Gestão (ISEG), Lisbon, Portugal (November).

2013: *Economics and Planning Unit: Weekly Seminar*, Indian Statistical Institute (ISI), New Delhi, India (May).

2012: *Annual Meeting of the Scottish Economic Society*, Scottish Economic Society, Perth, Scotland, The United Kingdom (April).

2012: *Doctoral Colloquium*, Institute of Management (IIM), Ahmedabad, India (January).

2011: *The Trans-Atlantic Doctoral Conference*, London Business School, London, England, The United Kingdom (May).

2011: *Doctoral Colloquium*, Indian Institute of Management (IIM), Ahmedabad, India (January).

2010: *Proposal Defense*, Statistical Institute (ISI), New Delhi, India (September).

2009: *Conference on Information Science, Technology and Management*, Management Development Institute, Gurgaon, India (July).

2009: *Doctoral Colloquium*, Institute of Management (IIM), Ahmedabad, India (January).

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## TEACHING EXPERIENCE

October 2014: *Methods in Experimental Economics*, for PhD visitors from the University of Allahabad, India.

Winter 2014: *Econometrics I*, Teaching Assistant for students of Masters in Quantitative Economics, Indian Statistical Institute (ISI), New Delhi, India.

May 2013: *Econometrics*, Teaching Assistant for Training of Civil Servants, Indian Statistical Services (ISS), New Delhi, India.

May 2013: *Economics*, Teaching Assistant for Training of Civil Servants, Indian Statistical Services (ISS), New Delhi, India.

Fall 2012: *Statistical Methods*, Teaching Assistant for students of Masters in Quantitative Economics, Indian Statistical Institute (ISI), New Delhi, India.

January-April 2009: *Financial Econometrics*, Designed and taught a semester course to MBA students, Institute of Management Technology (IMT), Ghaziabad, India.

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## EMPLOYMENT

### Previous Experience

2007 - 2008      Analyst, The Smart Cube (A business research and consulting firm based in New Delhi, New York and London).

2006              Research Intern, ICRA India Ltd.

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## OTHER ACADEMIC INVOLVEMENT

Referee- *Journal of Development Studies*, *Economic Modelling*

Associate Member: The Indian Math Consortium (2016-2026)

Experimental Assistant, Field experiment/survey for a project titled "Business Management Diagnostic Test" conducted (in India) by Prof. Takashi Kurosaki of Hitotsubashi University, Tokyo, Japan (February, 2015)

Member of the Organizing Committee, *Annual Conference on Economic Growth and Development*, Indian Statistical Institute, New Delhi, India (2009 - 2012)

Member: The Econometric Society, The Royal Economic Society, The American Statistical Association, The Scottish Economic Society (2012-2013)

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## MISCELLANEOUS

Media Coverage    *Columnist*, The Financial Express  
Link(s) to articles: <http://archive.financialexpress.com/columnist/subratobanerjee/1>; <http://archive.indianexpress.com/columnist/subratobanerjee/>  
*Newspaper Citation*, The Financial Express  
Link(s) to articles: <http://archive.financialexpress.com/news/studying-in-a-global-city/1023169>

Computer Skills    Stata, R, Matlab, Latex (SWP), Eviews

Languages          English (Fluent), Hindi (Fluent), Bengali (Fluent)

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## REFERENCES

Prof. Bharat Ramaswami  
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