39th Annual Meeting of the Canadian Econometrics Study Group

Inequality Measures and Econometric Modelling

Schedule as of August 26, 2024

Dates: October 25 – 27, 2024
Venue: Novotel North York
Host: Department of Economics, York University

Friday, October 25, 2024

18:00 – 20:00: Welcome Reception and Poster Session I
Poster presenters listed on pages 3 - 5.

Saturday, October 26, 2024

8:00 – 8:30: Continental Breakfast and Registration

8:30 – 9:10: Keynote Address I
Chair: Antoine Djogbenou (York University)

Francesca Molinari (Cornell University): *Inference for an Algorithmic Fairness-Accuracy Frontier*

9:15 – 10:35: Session I – IDENTIFICATION
Chair: Victoria Zinde-Walsh (McGill University)

Victor Aguirregabiria (University of Toronto): *Identification of Structural Parameters in Dynamic Discrete Choice Games with Fixed Effects Unobserved Heterogeneity*
Discussant: Jun Zhao (York University)

Ruli Xiao (Indiana University): *Identification of Dynamic Discrete Choice Models with Hyperbolic Discounting Using a Terminating Action*
Discussant: Mathieu Marcoux (Université de Montréal)

10:35 – 10:50: Break

10:50 – 12:10: Session II – EFFICIENT ESTIMATION
Chair: Prosper Dovonon (Concordia University)

Bertille Antoine (Simon Fraser University): *Efficient Two-Sample Instrumental Variable Estimators with Change-Points and Near-weak Identification*
Discussant: Leonard Goff (University of Calgary)

Ilze Kalnina (North Carolina State University): *Improved Estimation by Simulated Maximum Likelihood*
Discussant: Nikolay Kudrin (Queen’s University)

12:10 – 13:10: Lunch

13:10 – 15:10: Session III – INEQUALITY MEASURES I
Chair: René Garcia (Université de Montréal)

Arthur Charpentier (Université du Québec à Montréal): *Calibration of Probabilistic Scores of Classifiers*
Discussant: Yang Lu (Concordia University)

Jean-Marie Dufour (McGill University): *Winners and Losers: Extended Lorenz Curves and Gini Coefficients for Possibly Negative Variables*
Discussant: Xin Gao (York University)

Christian Gourieroux (University of Toronto): *The Risk of Random Sets with Applications to Basket Derivatives*
Discussant: Ilya Archakov (York University)

15:10 – 15:30: Break

15:30 – 17:30: Session **in Honor of Russell Davidson** (McGill University)
Chair: James MacKinnon (Queen's University)

Charles Beach (Queen's University): *A Statistical Characterization of Median-Based Inequality Measures*
Discussant: Pujee Tuvaandorj (York University)

Emmanuel Flachaire (Aix-Marseille Université): *Inequality Decomposition with Machine Learning*
Discussant: Xiaolin Sun (Monash University)

Rami Tabri (Monash University): *The Information Projection in Moment Inequality Models: Existence, Dual Representation, and Approximation*
Discussant: Thomas Russell (Carleton University)

17:30 – 18:45: Poster Session II
Poster presenters listed on pages 3 - 5.

19:00 – 21:00: Conference Dinner

Sunday, October 27, 2024

8:00 – 8:30: Continental Breakfast

8:30 – 9:10: Keynote Address II
Chair: Paul Rilstone (York University)

Marc Henry (Penn State University): *Lorenz Map, Inequality Ordering and Curves Based on Multidimensional Rearrangements*

9:15 – 10:35: Session V – INEQUALITY MEASURES II
Chair: Marcel Voia (University of Orleans)

Gordon Anderson (University of Toronto): *Inequality Measurement in Multivariate Ordinal Environments*
Discussant: Max Antoine Lesellier (Université de Montréal)

Ricardas Zitikis (Western University): *Measuring Income Inequality via Percentile Relativities*
Discussant: Arthur Thomas (Université Paris Dauphine)

10:35 – 10:50 Break

10:50 – 12:10: Session VI – BIG DATA
Chair: Razvan Sufana (York University)

Bin Chen (University of Rochester): *Inference for CP Tensor Factor Model*
Discussant: Dalibor Stevanovic (Université du Québec à Montréal)

Firmin Doko Tchatoka (The University of Adelaide): *Identification of High-Dimensional Panel Autoregressions with Application to Climate Change*
Discussant: Abhimanyu Gupta (University of Essex)

12:10 – 13:10: Lunch

13:10 – 15:10: Session VII – CAUSAL INFERENCE
Chair: Lynda Khalaf (Carleton University)

Désiré Kédagni (University of North Carolina at Chapel Hill): *Evaluating the Impact of Regulatory Policies on Social Welfare in Difference-in-Difference Settings*
Discussant: Julius Owusu (University of Bristol)

Hiro Kasahara (Vancouver School of Economics): *Event Study Designs for Discrete Outcomes with Latent Heterogeneity*
Discussant: Yuanyuan Wan (University of Toronto)

Ismaël Mourifié (Washington University in St. Louis): Lee Bounds with Multilayered Sample Selection
Discussant: Nese Yildiz (University of Rochester)

Poster Session I:

1. Abdallah Zalghout (MacEwan University): *Simultaneous Inference Methods for Distributional Analysis*
2. Abhimanyu Gupta (University of Essex): *Testing Linearity of Spatial Interaction Functions*
3. Adrian K. Schroeder (University of Toronto): *Recurrent Neural Network GO-GARCH Model for Portfolio Selection*
4. Alain Hecq (Maastricht University): *Reduced-Rank Matrix Autoregressive Models: A Medium N Approach*
5. Alex Maynard (University of Guelph): *Inference in Predictive Quantile Regressions*
6. Alexander Murray (Bank of Canada): *Model Aggregation for Improving Forecasts of Canada's Core Inflation Rate*
7. Amal Sere (Université de Montréal): *Estimation of Demand with Market-Level Data in the Case of Decreasing*
8. Arthur Thomas (Université Paris Dauphine): *Forecasting Extreme Trajectories Using Semi-norm Representations*
9. Aryan Manafi Neyazi (York University): *GCov-Based Portmanteau Test*
10. Atom Vayalinkal (University of Toronto): *Sharp Identification Regions in General Selection Models with (Un)ordered Treatments and Discrete Instruments*
11. Brice Gueyap (Western University): *Identification and Estimation of a Semiparametric Logit Model using Network Data*
12. Cathy Ning (Toronto Metropolitan University): *Safe haven currencies: A dependence-switching copula approach*

13. Chenyue Liu (University of Toronto): *Identifying Local Quantile Treatment Effects With an Invalid "Instrument"*
14. Dalibor Stevanovic (Université du Québec à Montréal): *Estimation of Non-Gaussian SVAR Using Tensor Singular Value Decomposition*
15. Dinghai Xu (University of Waterloo): *Modeling "Good" and "Bad" Volatilities under a Threshold Realized Semivariance GARCH*
16. Dongwoo Kim (Simon Fraser University): *Semi-Nonparametric Models of Multidimensional Matching: an Optimal Transport Approach*
17. Doosoo Kim (Toronto Metropolitan University): *Specification Tests for Difference-in-differences Models*
18. Doyeon Pyun (Indiana University): *From Functional Autoregressions to Vector Autoregressions*
19. Emile Herve Ndoumbe (University of Ottawa): *Estimating Industry Risk Premia using Large-Scale Information on Volatility: A Supervised Dynamic Orthogonal Component (sDOC) Approach*
20. Endong Wang (McGill University): *Counterfactual Analysis in Macroeconomics: Theory and Inference*
21. Erica Mtenga (Georgia State University): *Estimating Treatment Effects in the Presence of Overlapping Programs and Misreporting*
22. Firmin Ayivodji (Université de Montréal): *Can Media Narratives Predict House Price Movements?*
23. Gabriel Rodriguez-Rondon (McGill University): *Estimation and Inference for Higher-Order Stochastic Volatility Models with Leverage*
24. Hui Xiao (Saint Mary's University): *Trust Thy Neighbor? Uncovering the Structure of the Real Estate Market*
25. Hyun Hak Kim (Toronto Metropolitan University): *GAM-MIDAS: Generalized Additive Model Based Mixed-Data Sampling Regression with Informal Data*
26. Jiatong Li (Vanderbilt University): *Uniform Inference in High-Dimensional Threshold Regression Models*
27. Jooyoung Cha (Vanderbilt University): *Beyond Sparsity: Local Projections Inference with High-Dimensional Covariates*
28. Julius Owusu (University of Bristol): *Randomization Inference of Heterogeneous Treatment Effects under Network Interference*
29. Kazuhiko Hayakawa (Hiroshima University): *A Unified Approach to Estimation and Inference for Short Linear Panel Regression Models with Dynamics, Endogeneity and Interactive Fixed Effects*
30. Kenichi Shimizu (University of Alberta): *Scalable Estimation of Multinomial Response Models with Uncertain Consideration Sets*
31. Kensuke Sakamoto (University of Wisconsin-Madison): *Causal Inference under Endogenous Network Interference*
32. Leonard Goff (University of Calgary): *Outcome-agnostic Identification with Instrumental Variables*
33. Marine Carrasco (Université de Montréal): *Nonparametric Estimation of the Density of a Change-Point*
34. Martin Burda (University of Toronto): *Constrained Bayesian Neural Network Utility in the Design of Price Promotions*
35. Masaya Takano (Monash University): *Dynamics of Distributions: Earnings, Income, and wealth*
36. Mathieu Marcoux (Université de Montréal): *Estimating Marginal Costs from Discrete Prices and Product Characteristics: An Application to Mobile Plans*
37. Matthew D. Webb (Carleton University): *Using Images as Covariates: Measuring Curb Appeal with Deep Learning*

Poster Session II:

1. Matthew J. Elias (e61 Institute): *Testing for Restricted Stochastic Dominance under Survey Nonresponse with Panel Data: Theory and an Evaluation of Poverty in Australia*
2. Max Antoine Lesellier (Université de Montréal): *A most Powerful Moment-Based Test on the Distribution of Random Coefficients*
3. Nikolay Kudrin (Queen's University): *Testing for and Evaluating the Extent of Selective Reporting*
4. Peter MacKenzie (York University): *Assessing the Impact of Digital and Financial Technologies on Business Efficiency and Cyber Security in Canada*
5. Prosper Dovonon (Concordia University): *A Uniformly Valid Test for Instrument Exogeneity*
6. Quinlan Lee (University of Toronto): *Forecast Relative Error Decomposition*
7. Rosnel Sessinou (HEC Montréal): *Precision Least Squares: Estimation and Inference in High-Dimensions*
8. Sidi Sawadogo (Université de Montréal): *Machine Learning in Two-Stage Estimation of Dynamic Structural Models: A Focus on Transition Matrix Estimation*
9. Steven F. Lehrer (Queen's University): *Do Opportunities for Low-Income Students at Top Colleges Promote Academic Success? Evidence from Colombia's Ser Pilo Paga Program*
10. Sunny Karim (Carleton University): *Difference-in-Differences with Unpoolable Data*
11. Thomas Russell (Carleton University): *A Dual Approach to Wasserstein-Robust Counterfactuals*
12. Vadim Marmer (University of British Columbia): *Unknown Group Structures in Econometric Models*
13. Wasiu Babajide Akintunde (Texas Tech University): *Exploring the Link Between Technological Innovation, Economic Development, and CO2 Emissions in the US. Application of the ANN and EKC Techniques*
14. Wilfried Youmbi (Western University): *Nonparametric Analysis of Random Utility Models with Nontransitive Preferences*
15. Xiaolin Sun (Monash University): *Partially Identified Heterogeneous Treatment Effect with Selection: An Application to Gender Gaps*
16. Yang Lu (Concordia University): *Backtesting Expected Shortfall: A Duration-Severity Approach*
17. Yanyou Chen (University of Toronto): *Driving the Drivers: Algorithmic Assignment in Ride-Hailing*
18. Yao Luo (University of Toronto): *Demand Analysis under Price Rigidity and Endogenous Assortment: An Application to China's Tobacco Industry*
19. Yukun Ma (Vanderbilt University): *Doubly Robust Estimators with Weak Overlap*
20. Yuya Shimizu (University of Wisconsin-Madison): *Nonparametric Regression under Cluster Sampling*

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