Yulia Kotlyarova

Department of Economics
Dalhousie University
6214 University Avenue, PO Box 15000
Halifax, NS   B3H 4R2   Canada
Telephone: (902) 494-8824
E-mail: yulia.kotlyarova@dal.ca

Research interests: Theoretical and applied econometrics

Education:

2005   PhD in Economics, McGill University, Canada

1998   MSc in Policy Economics, University of Illinois at Urbana-Champaign, USA

1996   University Diploma of Specialist (with honours) in Software Engineering, Lviv Polytechnic Institute, Ukraine

Professional appointments:

Associate Professor, Dalhousie University, Department of Economics, 2009 - present

Assistant Professor, Dalhousie University, Department of Economics, 2004 - 2009

Course Lecturer, McGill University, Department of Economics, Fall 2000, Fall 2001, Fall 2002, 2003 - 2004

Publications:

Kotlyarova, Y., M. M. A. Schafgans, V. Zinde-Walsh (2016) "*Smoothness: Bias and Efficiency of Nonparametric Kernel Estimators*", in G. Gonzalez-Rivera, R. C. Hill, T.-H. Lee (ed.) Essays in Honor of Aman Ullah (Advances in Econometrics, Volume 36) Emerald Group Publishing Limited, 561 - 589

Kotlyarova, Y. and V. Zinde-Walsh (2010) "*Robust estimation in binary choice models*", Communications in Statistics – Theory and Methods 39, 266 - 279

Kotlyarova, Y. and B. Lesser (2008) *"An economist's perspective – Book review"*, CMS (Canadian Mathematical Society) Notes 40, No. 4, p. 4

Kotlyarova, Y. and V. Zinde-Walsh (2007) *"Robust kernel estimator for densities of unknown smoothness"*, Journal of Nonparametric Statistics 19, 89 - 101

Kotlyarova, Y. and V. Zinde-Walsh (2006) *"Non- and semi-parametric estimation in models with unknown smoothness"*, Economics Letters 93, 379 - 386

Kotlyarova, Y. (1999) *"Minimum distance estimator with L1 norm – Solutions"*, Econometric Theory 15, 903 - 904

Other: Acknowledgement of an independent solution by Y. Kotlyarova in Dastoor, N. (2001) *"Conflict among criteria for testing hypotheses: examples from non-normal distributions – Solution"*, Econometric Theory 17, 487 - 491

Reports in computer science (in Ukrainian)**:**

Kotlyarova, Y. and M. Lobur (1996) *"Computer-Aided System for Input Information Processing"*, reports of the International Scientific Conference on Current Problems of Computer-Aided Design in Radioelectronics, Lviv, Ukraine, Feb. 1996, pp. 212 - 213

Kotlyarova, Y. and M. Lobur (1996) *"Expert System for Integrated Circuit Technology Optimization"*, Polytechnic Bulletin 1996, Lviv, Ukraine, pp. 60 - 61

Kotlyarova, Y. and V. Semotyuk (1994) *"Student Model for Computer-Aided Learning Systems"*, reports of the 4th international conference Ukrsoft-94, Lviv, Ukraine, Oct. 1994, pp. 37 - 38

Working papers:

"Adapting kernel estimation to uncertain smoothness" with M. Schafgans and V. Zinde-Walsh

Presented at the Canadian Econometrics Study Group (CESG) conference, Toronto, October 2011

"Testing for misspecification in binary choice models"

Presented at the CEA conference, Ottawa, May 2003, and the CESG conference, Hamilton, September 2003

"Investigation of gender differences in early career progression"

Microdata Research Contract, Statistics Canada (2006)

Presented at the Statistics Canada workshop, Ottawa, March 2006;
Socio-Economic conference 2006, Ottawa, May 2006;
CEA conference, Montreal, May 2006

Other presentations:

"Smoothness: bias and efficiency of nonparametric kernel estimators"

Presented at the Canadian Economics Association (CEA) conference, Toronto, May 2015

"Improving the reliability of nonparametric and semiparametric estimators"

Seminar at the Department of Economics, Dalhousie, September 2007

"Overcoming the choice-of-bandwidth problem in non- and semiparametric estimators"

Seminar at the Department of Economics, McGill, May 2007

"Robust kernel estimator for densities of unknown smoothness"

Presented at the CEA conference, Toronto, June 2004, and the CESG conference, Toronto, September 2004

Seminars at the Department of Mathematics and Statistics, Dalhousie, November 2004, and the Department of Economics, Dalhousie, Feb 2005

"*Robust estimation in binary choice models*"
Presented at the CESG conference, Waterloo, September 2001, and the CEA conference, Hamilton, May 2005

Discussant:

CEA conference, Toronto, May 2015; CESG conference, Kitchener, Oct 2013; CESG conference, Montreal, Sep 2008; Atlantic Research Data Centre conference, Halifax, Oct 2007; CESG conference, Montreal, Sep 2007; CEA conference, Halifax, May 2007; Atlantic Canada Economics Association Conference, Halifax, October 2005; CEA conference, Hamilton, May 2005; CEA conference, Toronto, May 2004

Referee:

Canadian Journal of Economics, Journal of Applied Econometrics, Journal of Gambling Issues, Journal of Nonparametric Statistics
SSHRC research grant applications; proposals for Human Resources and Skills Development Canada; proposal for NS Department of Natural Resources
Member of the CESG 2009 scientific committee

Teaching experience:

Dalhousie University
Intermediate microeconomics ECON 2200
Introductory econometrics I ECON 3338
Introductory econometrics II ECON 3339
Strategic behaviour ECON 3600
Mathematics for economists ECON 3700
Time series in economics ECON 4440
MA econometrics II ECON 5576
PhD econometrics ECON 6534
PhD econometrics II ECON 6535

McGill University
Microeconomic analysis and applications ECON 208
Mathematical economics ECON 577
Quantitative methods ECON 665

Supervised students (by graduation year):

2017 Tanzheng Shi (MA essay, supervisor), Cheng Sui (MA essay, reader), Weiyi Li (MA essay, reader), Kai Yuan Xie (MA essay, reader)

2016 Jian Han (MA essay, supervisor)

2015 Justin Partridge (MA thesis, second reader), Jiyu Yang (MA essay, supervisor), adviser for honours students Julie Melanson and Xiao Zhao

2014 Milad Shooshtari (MA thesis, supervisor), Sicong Ma (MA thesis, second reader), Yinan Li (MA thesis, second reader), Ade Adekoya (MA essay, reader), Nushafrin Islam Bushra (MA essay, reader), Emanuel Kijazi (MA essay, reader), Yuxin Chen (MA essay, reader), adviser for honours students Qinman Li and Stefan Phipps-Burton

2013 Lu Lin (MA thesis, third reader), adviser for honours students: Jiangshan Tian, Gregory Walsh, and Zhen Zhou

2012 Yang Wang (MA thesis, third reader)

2011 Zhe Ren (PhD thesis, committee member), David Wishart (MA thesis, third reader)

2010 Laura O'Hearn (MA thesis, supervisor)
In 2009 - 2010 (period of supervision): Sarah MacPhee (PhD thesis, committee member), Ke Chen (PhD thesis, committee member), Jing Liu (MA thesis, supervisor)

2009 Lihui Zhang (PhD thesis, committee member), Duane Wilson (MDE thesis, supervisor), Kyoung Mook Lim (MA thesis, third reader), Emory Muir (MA essay, supervisor)

2007 Yu Zhang (MA thesis, second reader), Greg Landry (MDE thesis, second reader), Angella MacEwen (MA essay, supervisor), Wencong Huang (MA essay, reader)

2006 Mathieu Provencher (MA thesis, supervisor), Robert Grandy (MA thesis, third reader), Lawrence Llaguno (MA essay, supervisor), Benjamin Torkuebu (MA essay, supervisor), Trevor Lessard (MA essay, reader)

2005 Jian Yuan (MA thesis, supervisor), Sarah MacPhee (MA thesis, second reader), Golam Mortaza (MA thesis, second reader), Oyinola Shyllon (MDE thesis, second reader), Kai Zhao (MA essay, reader)

2004 Kongfei Hu (MA thesis, second reader)

Awards:

2014   Department of Economics 2014 Teaching Award, Dalhousie University
2000 - 2003   McConnell McGill Major Fellowship, McGill University

1999 - 2000   Women's Centennial McGill Major Fellowship, McGill University

1999 - 2000   Fellowship of the Faculty of Graduate Studies and Research, McGill
University

1998 - 1999   Max Stern Recruitment Fellowship, McGill University

1996 - 1998   E. Muskie Freedom Support Act Fellowship in Economics, the United
States Information Agency

1994 - 1996   Departmental Scholarship, Department of Computer Science, Lviv
Polytechnic Institute, Ukraine