

Yulia Kotlyarova

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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, and 2003 - 2004

Publications:

- Boulatoff, C., T. Iscan, Y. Kotlyarova (2022) "*Does distance matter for trade in services? The case of interprovincial trade in Canada*", *Open Economies Review* 33, 157-185
- Kotlyarova, Y., M. M. A. Schafgans, V. Zinde-Walsh (2021) "*Rates of expansions for functional estimators*", *Journal of Quantitative Economics* 19 (Suppl 1), S121-S139
- 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 Canadian Economics Association (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 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 Machine Learning Research, Journal of Nonparametric Statistics, Open Economies Review

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 ECON 3338 and ECON 3339

Strategic behaviour ECON 3600

Mathematics for economists ECON 3700

Time series in economics ECON 4440/5440

MA econometrics ECON 5575 and ECON 5576

PhD econometrics ECON 6534 and ECON 6535

McGill University

Microeconomic analysis and applications ECON 208

Mathematical economics ECON 577

Quantitative methods ECON 665

Supervised students (by graduation year):

- 2024 Weiye Li (PhD thesis, co-supervisor), adviser for Megan Iwaskow (Bachelor in Health Science) and Alex Johansen, Cecilie Lønningen, Sivethan Suganthan (visiting Bachelor in Radiography students from Oslo Metropolitan University)
- 2021 Yongpei Cai (MA thesis, second reader)
- 2020 Kunyuan Zhang (MA thesis, second reader), Mahmood Hasan (MA thesis, third reader)
- 2019 Chelsea Driscoll (MA thesis, third reader)
- 2018 Xiaotong Li (MA essay, supervisor), Zijie Cong (MA essay, reader), Qichen Zhang (MA essay, reader)
- 2017 Tanzheng Shi (MA essay, supervisor), Cheng Sui (MA essay, reader), Weiye 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

Committees:

Department

- Graduate Advisory Committee, Member, 2008-2009, 2014-2015, 2019-2020, 2023-present
- Search Committee, Member, 2023
- Personnel Committee, Member, 2006-2008, 2009-2010, 2012-2016, 2018, 2020-2023
- Personnel Committee, Chair, 2016-2018
- Department's Tenure and Promotion Committee, Chair, 2017-2018
- Associate Graduate Coordinator, 2014-2015
- Unit Review Committee, Member, 2005-2006, 2012-2013
- Undergraduate Advisory Committee, Member, 2006-2009
- Library Coordinator, 2006, 2008-2009
- Physical Resources Committee, 2004-2006
- Microeconomics Comprehensive/Qualifying Examination Committee, Member, 2015, 2024
- Econometrics Comprehensive Examination Committee, Member, 2005, 2007, 2008

Faculty of Science

Chair Advisory Committee (Mathematics and Statistics), Member, 2021-2022

Spousal Appointment Committee (Mathematics and Statistics), Member, 2016-2017

Chair Advisory Committee (Earth Sciences), Member, 2013-2015

Faculty of Graduate Studies

Harmonized Scholarship Competition (HSP) Reviewer, 2024

Killam Scholarships Committee, Member, 2006

Senate

Member, 2016-2017, 2023-present

Senate Discipline Committee, Member, 2016-2017