

Personal

Address Department of Economics
 University of Manitoba
 646 Fletcher Argue Building
 Winnipeg, MB, R3T5V5

Telephone 2042721534

Email ryan.godwin@umanitoba.ca

Webpage home.cc.umanitoba.ca/~godwinrt/

Academic Qualifications

2013 PhD, Economics, University of Victoria
 Dissertation: “Econometric Modelling With Non-Standard Count Data”
 Supervisor: Dr. David Giles

2008 MA, Economics, University of Saskatchewan

2006 BA Honours, Economics, Queens University

Currently employed as an Associate Professor in the Department of Economics, at the University of Manitoba.

Research

Metrics

Citations: 190 *h*-index: 6

Publications

1. “The one-inflated positive Poisson mixture model for use in population size estimation”, Godwin, R. T. (2019). *Biometrical Journal*, 61:1541-1556.
2. “Analytic bias correction for maximum likelihood estimators when the bias function is non-constant”, Godwin, R. T., & Giles, D. E. (2019). *Communications in Statistics - Simulation & Computation*, 14:1-12.
3. “The Manitoba Basic Annual Income Experiment: lessons learned 40 years later”, Simpson, W., Mason, G., & Godwin, R. (2017). *Canadian Public Policy*, 43:85-104.
4. “Estimation of the population size by using the one-inflated positive Poisson model”, Godwin R. T. & Böhning, D. (2017). *Journal of the Royal Statistical*

Society: Series C, 66:425-448.

5. “One-inflation and unobserved heterogeneity in population size estimation”, Godwin, R. T. (2017). *Biometrical Journal*, 59:79-93.
6. “Bias reduction for the maximum likelihood estimator of the doubly-truncated Poisson distribution”, Godwin, R. T. (2016). *Communications in Statistics - Theory & Methods*, 45:1887-1901.
7. “Bias-corrected maximum likelihood estimation of the parameters of the Generalized Pareto distribution”, Giles, D.E.A., Feng, H. & Godwin, R. T. (2016). *Communications in Statistics - Theory & Methods*, 45:2465-2483.
8. “Improved maximum likelihood estimation of the shape parameter in the Nakagami distribution”, Schwartz, J., Godwin, R. T. & Giles, D. E. (2013). *Journal of Statistical Computation & Simulation*, 83:434-445.
9. “On the Bias of the Maximum Likelihood Estimator for the Two-Parameter Lomax Distribution”, D. E. Giles, Feng, H. & Godwin, R. T. (2013). *Communications in Statistics - Theory & Methods*, 42:1934-1950.
10. “Testing for multivariate cointegration in the presence of structural breaks: p values and critical values”, Giles, D. E. A. & Godwin, R. T. (2012). *Applied Economics Letters*, 19:1561-1565.

Working Papers

11. “Estimating the first exposure effect on social assistance recipients”, Godwin, R. T., Simpson, W., & Oguzoglu, U.
12. “Causal inference through the identification of a nested counterfactual distribution”, Godwin, R. T.
13. “Estimating the effect of policy on the size of a population”, Godwin, R. T.

Conference and Seminar Presentations

1. Canadian Economics Association, Montreal 2018: “Identification and estimation of a counterfactual parent distribution”, Godwin, R. T., Simpson, W., & Oguzoglu, U.
2. Learning from MINCOME: the Manitoba basic income project of the 1970s, Winnipeg 2017: “The Manitoba Basic Annual Income Experiment: Lessons Learned 40 Years Later”, Simpson, W., Mason, and Godwin, R. T.
3. Western Economics Association International, San Diego 2017: “Estimating the Size of Hidden Populations in Economics using Truncated Count Data”, Godwin, R. T.

4. Canadian Economics Association, Antigonish 2017: “Estimating the Size of Hidden Populations in Economics using Truncated Count Data”, Godwin, R. T.
5. University of Manitoba Seminar, 2016: “Estimating the size of hidden populations in economics”, Godwin, R. T.
6. University of Calgary - Biostatistics/SAGE Seminar, April 2016: “Estimating Elusive Populations Using One-Inflated Count Models”, Godwin, R. T.
7. Canadian Economics Association, Vancouver 2014: “One-Inflated Count Data”, Godwin, R. T.
8. U of M Seminar, 2014: “One-Inflated Count Data”, Godwin, R. T.
9. Canadian Econometrics Study Group, Vancouver 2010: “Bias-Corrected Maximum Likelihood Estimation of the Parameters of the Generalized Pareto Distribution”, Giles, D. E. A., Feng, H. & Godwin, R. T.
10. UVic Seminar, 2010: “Bias Reduction for the Maximum Likelihood Estimator of the Positive Poisson Distribution”, Godwin, R. T.

Research Interests

Econometrics, Bias Correction, Count Data Models, Population Size Estimation.

Teaching

University of Manitoba

Econ 7010: 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012

Econ 4042: 2018, 2017, 2016

Econ 3040: 2020(2), 2019(2), 2018(2), 2017(2), 2016, 2015(2), 2014, 2013

Econ 1010: 2017, 2015, 2014, 2013, 2012

University of Victoria

Intermediate Micro., 300 level: 2011, 2010

Intermediate Macro., 200 level: 2010

Teaching Assistant Consultant: 2009-2010

Teaching Assistant for 15 courses from 2008 to 2011.

University of Saskatchewan

Industrial Organization, 300 level: 2011, 2010

Teaching Assistant for more than 10 courses from 2006 to 2008

Graduate Supervision

1. Diana Varon Garcia, MA project, 2018. “The estimated size and characteristics of domestic violence, using police records and truncated count data models: empirical analysis for the city of Palmira”.
2. Aaron Taylor, MA project, 2018. “A comparison of moral hazard in Canadian private and public health insurance”.
3. Asrafuzzaman, MA project, 2015. “A revisited microeconomic analysis of Canadian health care utilization”.
4. Joyce Owusu-Muhanuka, MA project, 2013. “The effect of public expenditure on primary education performance: evidence from districts across Uganda”.

Service

Administrative Experience

1. Member of the Economics Hiring Search Committee, 2019-2020
2. Member of the Faculty of Arts Academic Regulations Appeals Committee, 2019-2020
3. Chair of the “Panel and Space-Time Data” econometrics session at the Canadian Economics Association conference, Antigonish, 2017
4. Member of the Graduate Committee, 2012-2020
5. Member of the Headship Search Committee, 2015
6. Negotiator for Conflict Resolution in the Department of Economics, 2015

Graduate Examination Committee

1. Bibhuti Sarker, in progress. Department of Economics.
2. Qi Zhang, PhD, in progress. Asper School of Business.
3. Liting Yi, MA project, 2018. “The causal relations among economic growth, export and import in China”. Department of Agribusiness and Agricultural Economics.
4. Musah Khalid, PhD thesis, 2017. “Three Essays on the Informal Sector”. Department of Economics.
5. Zhi Qiao, MA project, 2015. “An Empirical Model to Forecast Chinese-Canadian Exchange Rate”.

Journal Refereeing

1. Journal of International Trade and Finance
2. Biometrical Journal
3. Statistics and Probability Letters
4. Statistical Methods and Applications
5. Journal of Quantitative Economics
6. Communications in Statistics Theory and Methods
7. Communications in Statistics Simulation and Computation
8. Computational Statistics and Data Analysis
9. Brazilian Journal of Probability and Statistics
10. Computational Statistics
11. Mathematical and Computational Applications