

MAURICIO SARRIAS

CONTACT INFORMATION

Departamento de Economía,
Universidad Católica del Norte,
Avenida Angamos 0610, pabellón X-10, Antofagasta, Chile.

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EDUCATION

PhD, Regional Science
Cornell University, Ithaca, NY, USA
May of 2016

Master of Science, Regional Science
Universidad Católica del Norte, Antofagasta, Chile.
December of 2009

Bachelor of Art, Business Management
Universidad Católica del Norte, Antofagasta, Chile.
December of 2008

EMPLOYMENT

Universidad Católica del Norte, Antofagasta, Chile
Assistant Professor, 2015 - present

FIELDS

Regional Science
Discrete Choice Models
Applied Econometrics
Health Economics

RESEARCH EXPERIENCE

Research Assistant July 2013-October 2014
RIMISP, Centro Latinoamericano para el Desarrollo

- Econometric analysis for “Regional Growth and Concentration” project.

Research Assistant October 2010-December 2011
Development Research Group, World Bank, Washington D.C, USA.

- Econometric analysis and data management for the Lead Economist William F. Maloney. Specialization in nonlinear regressions and labor economics.

Research Assistant March 2009-December 2010
Institute of Applied Regional Economics, Universidad Católica del Norte, Antofagasta, Chile.

- Econometric analysis and data management for regional analysis in Chile. Specialization in spatial economics and spatial econometrics.

**ACADEMIC
EXPERIENCE**

Teaching Assistant Spring Semester-2015
Graduate level course for City and Regional Planning Department, Cornell University, Ithaca, NY, USA.

- CRP 5450: Inferential Statistics for Planning and Public Policy

Instructor 2009-2010
Undergraduate level courses for Department of Economics, Universidad Católica del Norte, Antofagasta, Chile.
Lecturing and grading

- Optimization and Operation Research.
- Microeconomics II.
- Environmental Economics.

Teaching Assistant 2006-2008
Undergraduate level courses for Department of Economics, Universidad Católica del Norte, Antofagasta, Chile.

- Microeconomics I
- An introductory course of Economics
- Macroeconomics I.
- Microeconomics II.

**HONORS AND
AWARDS**

Grant: Individual-specific Inference for Choice Models 2016-2019
Funding: Comisión Nacional de Investigación Científica y Tecnológica
Fondecyt de Iniciación, N 11160104
Principal Investigator: Mauricio Sarrias.

PhD Scholarship 2010-2015
CONICYT, Government of Chile

Best Post-grade Thesis 2010
Red Sinergia, Chile

Bicentenary-Mineduc Scholarship for B.A Studies 2004-2008
Government of Chile

President of the Republic Scholarship 2000-2003
Government of Chile

**BOOKS AND
CHAPTERS**

Atienza, M., Lufin, M. and Sarrias, M. (2010). División Espacial del Trabajo en Chile. Ediciones universitarias, Universidad Católica del Norte. Download

ARTICLES

Ricardo A. Daziano, Mauricio Sarrias, Benjamin Leard (2017). "Are Consumers Willing to Pay to Let Cars Drive for Them? Analyzing Response to Autonomous Vehicles", *Transportation Research Part C: Emerging Technologies*, Volume 78, May 2017, Pages 150-164, ISSN 0968-090X, <http://doi.org/10.1016/j.trc.2017.03.003>.
Download

William F. Maloney, Mauricio Sarrias (2017). "Convergence to the Managerial Frontier", *Journal of Economic Behavior & Organization*, Volume 134, February 2017, Pages 284-306, ISSN 0167-2681, <http://doi.org/10.1016/j.jebo.2017.01.002>.
Download

Sarrias, M. (2016). "Discrete Choice Models with Random Parameters in R: The Rchoice Package". *Journal of Statistical Software*, 74(10), 1 - 31. doi:<http://dx.doi.org/10.18637/jss.v074.i10>. Download

Falco, P., Maloney, W. F., Rijkers, B., and Sarrias, M. (2015). "Heterogeneity in Subjective Wellbeing: An Application to Occupational Allocation in Africa". *Journal of Economic Behavior & Organization*, Volume 111, March 2015, Pages 137-153, ISSN 0167-2681. Download

WORKING PAPERS

"Convergence to the Managerial Frontier", (with Maloney, W.) Policy Research Working Paper Series 6822, The World Bank (2014). Download

"Discrete Choice Models with Random Parameters: The Rchoice Package", R package version 0.2, (2014). Download

"Heterogeneity in Subjective Wellbeing: An Application to Occupational Allocation in Africa", with Falco P., Maloney W. and Rijkers Bob, World Bank (2012). Download

"Regional Business Cycle Synchronization in Chile", (with Patricio Aroca), Universidad Catolica del Norte (2012) Download

"Spatial division of labor in Chile 1992-2002", (with Atienza, M. and Lufin, M.), Universidad Catolica del Norte, (2011). Download

STATISTICAL PACKAGES

Mauricio Sarrias and Ricardo Daziano (2015). *gmnL: Multinomial Logit Models with Random Parameters*. R package version 1.0. <http://cran.r-project.org/web/packages/gmnL/index.html>

Mauricio Sarrias (2014). *Rchoice: Discrete Choice (Binary, Poisson and Ordered) Models with Random Parameters*. R package version 0.2. <http://CRAN.R-project.org/package=Rchoice>

WORKSHOPS

Sarrias, M. & Daziano, R. (2017). *Discrete Choice Model with Simulation: Software Comparison, Big Data, and Reproducibility*. 5th International Choice Model Conference, April, 2017, Cape Town, South Africa.

CONFERENCES

Sarrias & Daziano (2017). *Standard Errors and Interval Estimates of Individual-Specific Estimates*. 5th International Choice Model Conference, April, 2017, Cape Town, South Africa.

Sarrias (2016). *Do Monetary Subjective Well-Being Evaluation Vary Across Space? Comparing Continuous and Discrete Spatial Heterogeneity*. Annual Meeting of the Chilean Regional Science Association, Santiago, Chile, November, 2016.

Sarrias & Daziano (2016). *Individual-Specific Economic Choice Parameters: Application to the Valuation of Emission Reduction in Vehicle Choice*. ITEA Annual Conference and School on Transportation Economics, Santiago, Chile, 2016.

Sarrias (2015). *Continuous and Discrete Spatial Heterogeneity*, Pacific Conference of the RSAI and Sociedad Chilena de Economía Regional, August, 2015, Vina del Mar, Chile.

Sarrias (2014). City-Size and Health-Assessed Status: An Ordered Probit Model with Spatially Random Coefficients, 61st Annual North American Meetings of the Regional Science Association International, Washington D.C., 2014.

Maloney W., and Sarrias, M. (2014). Convergence to Managerial Frontier, 2nd LACEA Labor Market Network Meeting, Cartagena, Colombia, 2014.

Sarrias M., and Aroca, P. (2010). Regional Business Cycle Synchronization in Chile, 56th Annual North American Meetings of the Regional Science Association International, Denver, Colorado, United States, 2010.

Sarrias M., and Aroca, P. (2010). Sincronizacion de los ciclos economicos regionales de las regiones en Chile: el rol del espacio, la especializacion, la inversion extranjera directa y la inversion publica, Annual Meeting of Chilean Economics Society, Talca, Chile, September, 2010.

Atienza M., Lufin M., and Sarrias, M. (2010). Division Espacial del Trabajo en Chile, Annual Meeting of the Chilean Regional Science Association, Talca, Chile, November, 2007.

Sarrias M., and Aroca, P. (2010). Grado de sincronizacion de los ciclos economicos regionales en Chile: Una mirada estructural y sectorial, Annual Meeting of the Chilean Regional Science Association, Talca, Chile, November, 2007.

Aroca P., and Sarrias, M. (2010). Sincronizacion de los Ciclos Regionales en Chile. 23th Meeting of Central Bank of Chile in Regions, Antofagasta, Chile

**PROFESSIONAL SOCHER
ASSOCIATIONS**

Since 2009.