

CURRICULUM VITAE
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Citizenship and/or Visa Information

Portugal, U.S. Permanent Resident

Education

University of South Carolina, USA, 1987/1992, Ph.D. (1992), Economics
University of Porto, Oporto, Portugal, 1981/1986, Licenciatura (1986), Economics

Professional Experience

Aug2008/present Research Associate Professor, Division of Research and Department of Economics, University of South Carolina.
Aug2007/July2008 Clinical Associate Professor, Division of Research and Department of Economics, University of South Carolina.
Jan2007/Aug2007 Visiting Research Assistant Professor, Division of Research, University of South Carolina.
2003/Dec2006 Research Assistant Professor, Department of Biostatistics Bioinformatics and Epidemiology, Medical University of South Carolina.
2002/2003 Post-Doctoral Fellow (Biostatistics), Department of Biostatistics Bioinformatics and Epidemiology, Medical University of South Carolina.
1998/2002 Associate Professor, Department of Economics, University of Minho (Portugal).
1994/1998 Assistant Professor, Department of Economics, University of Minho (Portugal).
1994/2001 Invited Professor, Department of Economics, University of Porto (Portugal).
1993/1994, Assistant Professor, Department of Economics, University of Porto (Portugal).
1986/1992, Assistant Professor, Department of Economics, University of Porto (Portugal).

Administrative Appointments

1998/1999, Vice-Dean, University of Minho, School of Economics & Management
1996/1998, Director of Department (Economics), University of Minho

Publications

Peer Reviewed Journal Articles:

Figueiredo, O., Guimaraes, P., Woodward, D. Vertical Disintegration in Marshallian Industrial Districts. To appear in *Regional Science and Urban Economics*.

Gebregziabher, M., Guimaraes, P., Cozen, W., Conti, D. A Polytomous Conditional Likelihood Approach for Combining Matched and Unmatched Case-control Studies. To appear in *Statistics in Medicine*.

Figueiredo, O., Guimaraes, P., Woodward, D. Localization Economies and Establishment Size: Was Marshall Right After All?. *Journal of Economic Geography*, 9(6), 853-868. 2009.

Guimaraes, P., Figueiredo, O., Woodward, D. Dartboard Tests for the Location Quotient. *Regional Science and Urban Economics*, 39(3), 360-364. 2009.

Guimaraes P. The Fixed Effects Negative Binomial Revisited. *Economics Letters*, 99(1), pp. 63-66, 2008.

Esteves R. and Guimaraes P. Price Discrimination and Targeted Advertising: A Welfare Analysis. *The ICAI Journal of Applied Economics*. 5, pp. 41-47, 2008.

Guimaraes P, Figueiredo O, Woodward D. Measuring the Localization of Economic Activity: A Parametric Approach. *Journal of Regional Science*, 47 (4), pp. 753-774, 2007.

Sá C, Dismuke C, Guimaraes P. Survival Analysis and Competing Risk Models of Hospital Length of Stay and Discharge Destination: The Effect of Distributional Assumptions. *Health Services and Outcomes Research Methodology*, 7, (3-4), pp. 109-124, 2007.

Guimaraes P, Lindrooth R. Controlling for Overdispersion in Grouped Conditional Logit Models: A Computationally Simple Application of Dirichlet-Multinomial Regression. *Econometrics Journal*, 10, pp. 439-452, 2007.

Guimaraes, P., Palesch, Y. Power and Sample Size for Randomized Play the Winner Rules. *Contemporary Clinical Trials*, 28 (4), pp. 487-499, 2007.

Woodward, D., Figueiredo, O. and Guimaraes, P. Beyond the Silicon Valley: University R&D and High Technology Location, *Journal of Urban Economics*, 60(1), pp. 15-32, 2006.

Guimaraes, P. A Simple Approach to Fit the Beta-Binomial Model. *Stata Journal*, 5(3), pp. 385-394, 2005.

Guimaraes P, Kieburtz K, Goetz CG, Elm JJ, Palesch YY, Huang P, Ravina B, Tanner CM, Tilley BC. Non-linearity of Parkinson's disease progression: implications for sample size calculations in clinical trials. *Clinical Trials*, 2, pp. 509-518, 2005.

- Guimaraes, P. Understanding the Multinomial-Poisson Transformation, *Stata Journal*, 4(3), pp. 265-273, 2004.
- Barbosa N, Guimaraes P, Woodward D. Foreign Firm Entry in an Open Economy: The Case of Portugal, *Applied Economics*, 36(5), pp. 465-472, 2004.
- Guimaraes P, Figueiredo O, Woodward D. Industrial Location Modeling: Extending the Random Utility Framework, *Journal of Regional Science*, 44(1), pp. 1-20, 2004.
- Guimaraes P, Figueiredo O, Woodward D. A Tractable Approach to the Firm Location Decision Problem. *Review of Economics and Statistics*. 84(1), pp. 201-204, 2003.
- Dismuke C, Guimaraes P. Has the Caveat of Case-Mix Based Payment Influenced the Quality of Inpatient Hospital Care in Portugal?. *Applied Economics*. 34(10) pp. 1301-1307, 2002.
- Guimaraes, P. The State of Portuguese Research in Economics: An Analysis Based on Publications in International Journals. *Portuguese Economic Journal*, 1(1) pp. 3-25, 2002.
- Figueiredo O, Guimaraes P, Woodward D. Home-field Advantage: Location Decisions of Portuguese Entrepreneurs. *Journal of Urban Economics*. 52(2) pp. 341-361, 2002.
- Guimaraes P, Figueiredo O, Woodward D. Agglomeration and the Location of Foreign Direct Investment in Portugal. *Journal of Urban Economics*. 47(1) pp. 115-135, 2000.
- Guimaraes P, Rolfe R, Woodward D. Regional Incentives and Industrial Location in Puerto Rico. *International Regional Science Review*. 21(2) pp. 119-138, 1998.
- Dias J, Guimaraes P. A New Theory for the Behavior of the Monopolistic Regulator (in Portuguese). *Estudos Economicos*. 27(2) pp. 177-193, 1997.
- Figueiredo O, Guimaraes P. Foreign Direct Investment in the Portuguese Manufacturing Industry: A Regional and Sectorial Analysis for the 1982-1992 Period (in Portuguese). *Estudos de Economia*. XVI-XVII (3), 1997.
- Guimaraes P. Search Intensity in Oligopoly. *Journal of Industrial Economics*. 44(4) pp. 415-426, 1996.
- Mata J, Portugal P, Guimaraes P. The Survival of New Plants: Start-Up Conditions and Post-Entry Evolution. *International Journal of Industrial Organization*. 13(4) pp. 459-481, 1995.
- Hefner F, Guimaraes P. Backward and Forward Linkages in Manufacturing Location Decisions Reconsidered. *Review of Regional Studies*. 24 (Winter) pp. 229-244, 1993.
- Guimaraes P, Hefner F, Woodward D. An Econometric Analysis of the Economic Impacts of Hurricane Hugo. *Review of Regional Studies*. 23 (Fall) pp.97-114, 1992.

Scholarly Books and Monographs

Chaves C, Maciel E, Guimaraes P, Ribeiro JC. Introductory Statistics for Economists (in Portuguese). McGrawHill, 461 pp. 1999.

Chapters in Scholarly Books and Monographs

Woodward D. and Guimaraes P. Porter's Cluster Strategy and Industrial Targeting in *Targeting Regional Economic Development* edited by Stephan J. Goetz, Steven Deller and Tom Harris. Routledge Press. pp. 68-83. 2009.

Figueiredo O and Guimaraes P. Empirical Studies of Firm Location Determinants (in Portuguese) in *Compendio de Economia Regional*. Portuguese Regional Science Association (APDR), 2002.

Woodward D, Rolfe R, Douppnik T, Guimaraes P. Taxation and the Location of Foreign direct investment. in *The New World Order: Internationalism and Multinational Corporations*. Pergamon Press (Elsevier Science), 2000.

Other Refereed Publications

P. Mauldin, P. Guimaraes, R. Albin, E. Dorsey, J. Bainbridge, A. Siderowf. Optimal Frequency for Measuring Healthcare Utilization in Parkinson's Disease Using Participant Recall: The FS-TOO Resource Utilization Sub-Study, *Clinical Therapeutics*, 30 (8), pp. 1553-1557. 2008.

Elm J, Kamp C, Tilley B, Guimaraes P, Fraser D, Deppen P, Brocht A, Weaver C, Bennett S, NINDS NET-PD Investigators and Coordinators. Self-reported adherence versus pill count in Parkinson's disease: The NET-PD experience. *Movement Disorders*, 22(6), pp. 822-827, 2007.

The NINDS NET-PD Investigators. A Randomized Clinical Trial of Coenzyme Q10 and GPI-1485 in early Parkinson's disease. *Neurology*. 68(1) pp. 20-28, 2007

The NINDS NET-PD Investigators. A Randomized, Double Blinded, Futility Clinical Trial of Creatine and Minocycline in Early Parkinson Disease. *Neurology*. 66, pp. 664-671, 2006.

Elm J., Goetz C., Ravina B., Shannon K., Wooten G., Tanner C., Palesch Y., Huang P., Guimaraes P., Kamp C., Tilley B. and Kieburtz, K. A Responsive Outcome for Parkinson's Disease Neuroprotection Disease Studies, *Annals of Neurology*, 57, pp. 197-203, 2005.

Other Non-Refereed Publications

Guimaraes, P. Panel Data (in Portuguese). Boletim da Sociedade Portuguesa de Estatística(Autumn), 46-49. 2009.

Woodward, D., Guimaraes, P. Natural Resources Make \$30 Billion Impact. Greater Columbia Business Monthly, Columbia, South Carolina, 11th ed., vol. 20, pp. 30-31. 2009.

Woodward, D., Guimaraes, P. BMW in South Carolina: An Update. *Business & Economic Review*, 55(2), 13-21. 2008.

Woodward, D., Guimaraes, P. Latino Immigration. *Business & Economic Review*, 54(3), 3-9. 2007.

Work in Progress

Chappell H. Guimaraes P. and Ozturk O. Confessions of an Internet Monopolist: Demand Estimation for a Versioned Information Good (submitted)

Guimaraes P. and Portugal P. A Simple Feasible Alternative Procedure to Estimate Models with High-Dimensional Fixed Effects. (submitted)

Carneiro A., Guimaraes P and Portugal P. Real Wages and the Business Cycle: Accounting for Worker and Firm Heterogeneity. (submitted)

Guimaraes P. Testing for Fixed Effects in Single Index Models. (submitted)

Cardoso A., Guimaraes P and Zimmermann K. Comparing the Early Research Performance of PhD Graduates in Labor Economics in Europe and the USA. (submitted)

Dias J., Guimaraes P. and Woodward D. Spatial Clustering of U.S. Immigrants.

Munn J., Guimaraes P. and Woodward D. The Location of Independent Inventors.

Guimaraes P, Figueiredo O, Woodward D. Accounting for Neighboring Effects in Measuring Regional Concentration

Cardoso A., Guimaraes P and Zimmermann K. Trends in Economic Research: An International Comparison.

Guimaraes P and Portugal P. Entry and Exit of Plants and Local Labor Markets.

Conference and Seminar Presentations (last 2 years)

North American Meetings of the Regional Science Association International (November 2009, San Francisco)

Stata Conference, Stata Corporation (July 2009, Washington, DC)

Southern Regional Science Association (April 2009, San Antonio, Texas)

American Economic Association (January 2009, San Francisco)

North American Meetings of the Regional Science Association International (November 2008, New York)

European Regional Science Association (August 2008, Liverpool, UK)

IZA Workshop on Research in Economics (May 2008, Bonn, Germany)

Teaching Experience

Graduate Level Courses

Applied Economic Forecasting, PMBA, University of South Carolina. (2007/2008)
Advance ANOVA and Regression, PhD level, Medical University of South Carolina (2003/2006)
Microeconometrics, PhD level, University of Porto (1998/2000)
Advanced Econometrics, Masters, University of Minho (1994/1998)
Economic Policy and Competition (Advanced Industrial Organization), Masters, University of Minho (1995/1996)

Undergraduate Level Courses

Business Applications of Economic Forecasting (2009/2010)
Introduction to Economics (2008)
Statistics for Economists, University of Porto and University of Minho (1993/1998)
Forecasting, University of Minho (1996/1997)
Econometrics, University of Porto and University of Minho (1994/1995 and 1998/2001)
Microeconomics, University of South Carolina, (Summer 1990)

Professional Service

Editorial

Portuguese Economic Journal (Editorial Board)

Referee

American Journal of Agricultural Economics, Industry & Innovation, Journal of Economic Geography, Journal of Industrial Economics, Journal of Regional Science, Journal of Urban Economics, Papers in Regional Science, Portuguese Economic Journal, Regional Science and Urban Economics, Review of Economics and Statistics, Review of Regional Studies, Regional Studies.