Contractor Techniques

Antonio Paez

2025-07-03

Arranz-Lopez, Aldo, Julio A. Soria-Lara, Frank Witlox, and Antonio Paez. 2019. “Measuring Relative Non-Motorized Accessibility to Retail Activities.” Journal Article. *International Journal of Sustainable Transportation* 13 (9): 639–51. <https://doi.org/10.1080/15568318.2018.1498563>.

Barufi, Ana Maria, Eduardo Haddad, and Antonio Paez. 2012. “Infant Mortality in Brazil, 1980-2000: A Spatial Panel Data Analysis.” Journal Article. *Bmc Public Health* 12. <https://doi.org/10.1186/1471-2458-12-181>.

Black, J. A., A. Paez, and P. A. Suthanaya. 2002. “Sustainable Urban Transportation: Performance Indicators and Some Analytical Approaches.” Journal Article. *Journal of Urban Planning and Development* 128 (4): 184–209. <https://doi.org/10.1061/(asce)0733-9488(2002)128:4(184)>.

Brown, Matthew J., Darren M. Scott, and Antonio Páez. 2022. “A Spatial Modeling Approach to Estimating Bike Share Traffic Volume from GPS Data.” Journal Article. *Sustainable Cities and Society* 76: 103401. <https://doi.org/10.1016/j.scs.2021.103401>.

Cimaroli, Kristina, Antonio Paez, K. Bruce Newbold, and Nancy M. Heddle. 2012. “Individual and Contextual Determinants of Blood Donation Frequency with a Focus on Clinic Accessibility: A Case Study of Toronto, Canada.” Journal Article. *Health & Place* 18 (2): 424–33. <https://doi.org/10.1016/j.healthplace.2011.12.005>.

Cupido, Kyran, Petar Jevtic, and Antonio Paez. 2020. “Spatial Patterns of Mortality in the United States: A Spatial Filtering Approach.” Journal Article. *Insurance Mathematics & Economics* 95: 28–38. <https://doi.org/10.1016/j.insmatheco.2020.08.003>.

de Arruda, Rodrigo Gomes, Tatiane Almeida de Menezes, Joebson Maurilio Alves dos Santos, Antônio Paez, and Fernando Lopes. 2021. “The Effect of Politician Denialist Approach on COVID-19 Cases and Deaths.” Journal Article. *EconomiA* 22 (3): 214–24. https://doi.org/<https://doi.org/10.1016/j.econ.2021.11.007>.

Demitiry, Maria, Christopher D. Higgins, Antonio Páez, and Eric J. Miller. 2022. “Accessibility to Primary Care Physicians: Comparing Floating Catchments with a Utility-Based Approach.” *Journal of Transport Geography* 101: 103356. https://doi.org/<https://doi.org/10.1016/j.jtrangeo.2022.103356>.

Desjardins, Elise, Emma Apatu, S. Donya Razavi, Christopher D. Higgins, Darren M. Scott, and Antonio Paez. 2021. “"Going Through a Little Bit of Growing Pains": A Qualitative Study of the Factors That Influence the Route Choice of Regular Bicyclists in a Developing Cycling City.” Journal Article. *Transportation Research Part F-Traffic Psychology and Behaviour* 81: 431–44. <https://doi.org/10.1016/j.trf.2021.06.005>.

Desjardins, Elise, Christopher D. Higgins, and Antonio Páez. 2022. “Examining Equity in Accessibility to Bike Share: A Balanced Floating Catchment Area Approach.” *Transportation Research Part D: Transport and Environment* 102: 103091. https://doi.org/<https://doi.org/10.1016/j.trd.2021.103091>.

Desjardins, Elise, Christopher D. Higgins, Darren M. Scott, Emma Apatu, and Antonio Paez. 2021. “Using Environmental Audits and Photo-Journeys to Compare Objective Attributes and Bicyclists’ Perceptions of Bicycle Routes.” Journal Article. *Journal of Transport & Health* 22. <https://doi.org/10.1016/j.jth.2021.101092>.

Desjardins, Elise, Christopher D. Higgins, Darren M. Scott, Emma Apatu, and Antonio Páez. 2022. “Correlates of Bicycling Trip Flows in Hamilton, Ontario: Fastest, Quietest, or Balanced Routes?” Journal Article. *Transportation* 49 (3): 867–95. <https://doi.org/10.1007/s11116-021-10197-1>.

Doulabi, Saba, Hany M. Hassan, Mark R. Ferguson, Saiedeh Razavi, and Antonio Paez. 2021. “Exploring the Determinants of Older Adults’ Susceptibility to Pedestrians’ Incidents.” Journal Article. *Accident Analysis and Prevention* 155. <https://doi.org/10.1016/j.aap.2021.106100>.

Drackley, Adam, K. Bruce Newbold, Antonio Paez, and Nancy Heddle. 2012. “Forecasting Ontario’s Blood Supply and Demand.” Journal Article. *Transfusion* 52 (2): 366–74. <https://doi.org/10.1111/j.1537-2995.2011.03280.x>.

Dugundji, Elenna R., Antonio Paez, Theo A. Arentze, Joan L. Walker, Juan A. Carrasco, Fabrice Marchal, and Hitomi Nakanishi. 2011. “Transportation and Social Interactions.” Journal Article. *Transportation Research Part a-Policy and Practice* 45 (4): 239–47. <https://doi.org/10.1016/j.tra.2011.01.001>.

Dugundji, Elenna, Antonio Paez, and Theo Arentze. 2008. “Social Networks, Choices, Mobility, and Travel Introduction.” Journal Article. *Environment and Planning B-Planning & Design* 35 (6): 956–60. <https://doi.org/10.1068/b3506ged>.

Dugundji, Elenna, Darren M. Scott, Juan A. Carrasco, and Antonio Paez. 2012. “Urban Mobility and Social-Spatial Contact-Introduction.” Journal Article. *Environment and Planning a-Economy and Space* 44 (5): 1011–15. <https://doi.org/10.1068/a45183>.

Eldeeb, Gamal, Moataz Mohamed, and Antonio Paez. 2021. “Built for Active Travel? Investigating the Contextual Effects of the Built Environment on Transportation Mode Choice.” Journal Article. *Journal of Transport Geography* 96. <https://doi.org/10.1016/j.jtrangeo.2021.103158>.

Farber, Steven, Keith Bartholomew, Xiao Li, Antonio Paez, and Khandker M. Nurul Habib. 2014. “Assessing Social Equity in Distance Based Transit Fares Using a Model of Travel Behavior.” Journal Article. *Transportation Research Part a-Policy and Practice* 67: 291–303. <https://doi.org/10.1016/j.tra.2014.07.013>.

Farber, Steven, and Antonio Paez. 2007. “A Systematic Investigation of Cross-Validation in GWR Model Estimation: Empirical Analysis and Monte Carlo Simulations.” Journal Article. *Journal of Geographical Systems* 9 (4): 371–96. <https://doi.org/10.1007/s10109-007-0051-3>.

———. 2009. “My Car, My Friends, and Me: A Preliminary Analysis of Automobility and Social Activity Participation.” Journal Article. *Journal of Transport Geography* 17 (3): 216–25. <https://doi.org/10.1016/j.jtrangeo.2008.07.008>.

———. 2010a. “Employment Status and Commute Distance of Canadians with Disabilities.” Journal Article. *Transportation* 37 (6): 931–52. <https://doi.org/10.1007/s11116-010-9268-y>.

———. 2010b. “Spatial Analysis in Canada: Introduction.” Journal Article. *Canadian Geographer-Geographe Canadien* 54 (1): 1–3. <https://doi.org/10.1111/j.1541-0064.2009.00298.x>.

———. 2011. “Running to Stay in Place: The Time-Use Implications of Automobile Oriented Land-Use and Travel.” Journal Article. *Journal of Transport Geography* 19 (4): 782–93. <https://doi.org/10.1016/j.jtrangeo.2010.09.008>.

Farber, Steven, Antonio Paez, Ruben G. Mercado, Matthew Roorda, and Catherine Morency. 2011. “A Time-Use Investigation of Shopping Participation in Three Canadian Cities: Is There Evidence of Social Exclusion?” Journal Article. *Transportation* 38 (1): 17–44. <https://doi.org/10.1007/s11116-010-9282-0>.

Farber, Steven, Antonio Paez, and Catherine Morency. 2012. “Activity Spaces and the Measurement of Clustering and Exposure: A Case Study of Linguistic Groups in Montreal.” Journal Article. *Environment and Planning a-Economy and Space* 44 (2): 315–32. <https://doi.org/10.1068/a44203>.

Farber, Steven, Antonio Paez, and Erik Volz. 2009. “Topology and Dependency Tests in Spatial and Network Autoregressive Models.” Journal Article. *Geographical Analysis* 41 (2): 158–80. <https://doi.org/10.1111/j.1538-4632.2009.00751.x>.

Farber, Steven, Manuel Ruiz Marin, and Antonio Paez. 2015. “Testing for Spatial Independence Using Similarity Relations.” Journal Article. *Geographical Analysis* 47 (2): 97–120. <https://doi.org/10.1111/gean.12044>.

Goetzke, Frank, Regine Gerike, Antonio Paez, and Elenna Dugundji. 2015. “Social Interactions in Transportation: Analyzing Groups and Spatial Networks.” Journal Article. *Transportation* 42 (5): 723–31. <https://doi.org/10.1007/s11116-015-9643-9>.

He, Li, Antonio Paez, Jianmin Jiao, Ping An, Chuntian Lu, Wen Mao, and Dongping Long. 2020. “Ambient Population and Larceny-Theft: A Spatial Analysis Using Mobile Phone Data.” Journal Article. *Isprs International Journal of Geo-Information* 9 (6). <https://doi.org/10.3390/ijgi9060342>.

He, Li, Antonio Paez, and Desheng Liu. 2017a. “Built Environment and Violent Crime: An Environmental Audit Approach Using Google Street View.” Journal Article. *Computers Environment and Urban Systems* 66: 83–95. <https://doi.org/10.1016/j.compenvurbsys.2017.08.001>.

———. 2017b. “Persistence of Crime Hot Spots: An Ordered Probit Analysis.” Journal Article. *Geographical Analysis* 49 (1): 3–22. <https://doi.org/10.1111/gean.12107>.

He, Li, Antonio Paez, Desheng Liu, and Shiguo Jiang. 2015. “Temporal Stability of Model Parameters in Crime Rate Analysis: An Empirical Examination.” Journal Article. *Applied Geography* 58: 141–52. <https://doi.org/10.1016/j.apgeog.2015.02.002>.

Higgins, Christopher D., Antonio Paez, Gyoorie Kim, and Jue Wang. 2021. “Changes in Accessibility to Emergency and Community Food Services During COVID-19 and Implications for Low Income Populations in Hamilton, Ontario.” Journal Article. *Social Science & Medicine* 291. <https://doi.org/10.1016/j.socscimed.2021.114442>.

Jamal, Shaila, Hossain Mohiuddin, and Antonio Paez. 2020. “How Do the Perceptions of Neighborhood Conditions Impact Active Transportation? A Study in Rajshahi, Bangladesh.” Journal Article. *Transportation Research Part D-Transport and Environment* 87. <https://doi.org/10.1016/j.trd.2020.102525>.

Jamal, Shaila, and Antonio Páez. 2020. “Changes in Trip-Making Frequency by Mode During the COVID-19 Emergency in Bangladesh.” Journal Article. *Findings*. <https://doi.org/10.32866/001c.17977>.

Kanaroglou, Pavlos S., Hanna F. Maoh, Bruce Newbold, Darren M. Scott, and Antonio Paez. 2009. “A Demographic Model for Small Area Population Projections: An Application to the Census Metropolitan Area of Hamilton in Ontario, Canada.” Journal Article. *Environment and Planning A* 41 (4): 964–79. <https://doi.org/10.1068/a40172>.

Kanaroglou, Pavlos, Ruben Mercado, Hanna Mach, Antonio Paez, Darren M. Scott, and Bruce Newbold. 2008. “Simulation Framework for Analysis of Elderly Mobility Policies.” Journal Article. *Transportation Research Record*, no. 2078: 62–71. <https://doi.org/10.3141/2078-09>.

Lavery, T. A., A. Paez, and P. S. Kanaroglou. 2013. “Driving Out of Choices: An Investigation of Transport Modality in a University Sample.” Journal Article. *Transportation Research Part a-Policy and Practice* 57: 37–46. <https://doi.org/10.1016/j.tra.2013.09.010>.

Le Gallo, Julie, and Antonio Paez. 2013. “Using Synthetic Variables in Instrumental Variable Estimation of Spatial Series Models.” Journal Article. *Environment and Planning a-Economy and Space* 45 (9): 2227–42. <https://doi.org/10.1068/a45443>.

Lira, Beatriz Mella, and Antonio Paez. 2021. “Do Drivers Dream of Walking? An Investigation of Travel Mode Dissonance from the Perspective of Affective Values.” Journal Article. *Journal of Transport & Health* 20. <https://doi.org/10.1016/j.jth.2021.101015>.

Lopez, Fernando A., Mariano Matilla-Garcia, Jesus Mur, Antonio Paez, and Manuel Ruiz. 2016. “A Note on the SG(m) Test.” Journal Article. *Journal of Geographical Systems* 18 (1): 87–96. <https://doi.org/10.1007/s10109-015-0221-7>.

Lopez, Fernando A., and Antonio Paez. 2017. “Spatial Clustering of High-Tech Manufacturing and Knowledge-Intensive Service Firms in the Greater Toronto Area.” Journal Article. *Canadian Geographer-Geographe Canadien* 61 (2): 240–52. <https://doi.org/10.1111/cag.12326>.

Lopez, Fernando A., Antonio Paez, Juan A. Carrasco, and Natalia A. Ruminot. 2017. “Vulnerability of Nodes Under Controlled Network Topology and Flow Autocorrelation Conditions.” Journal Article. *Journal of Transport Geography* 59: 77–87. <https://doi.org/10.1016/j.jtrangeo.2017.02.002>.

López, Fernando A, and Antonio Páez. 2012. “Distribution-Free Inference for q (m) Based on Permutational Bootstrapping: An Application to the Spatial Co-Location Pattern of Firms in Madrid.” *Estadística Española* 54 (177): 135–56.

Maoh, Hanna, Pavlos Kanaroglou, Darren Scott, Antonio Paez, and Bruce Newbold. 2009. “IMPACT: An Integrated GIS-Based Model for Simulating the Consequences of Demographic Changes and Population Ageing on Transportation.” Journal Article. *Computers Environment and Urban Systems* 33 (3): 200–210. <https://doi.org/10.1016/j.compenvurbsys.2008.10.004>.

Martin, Belen, and Antonio Paez. 2019. “Individual and Geographic Variations in the Propensity to Travel by Active Modes in Vitoria-Gasteiz, Spain.” Journal Article. *Journal of Transport Geography* 76: 103–13. <https://doi.org/10.1016/j.jtrangeo.2019.03.005>.

Mejia Dorantes, Lucia, Antonio Paez, and Jose Manuel Vassallo. 2011. “Analysis of House Prices to Assess Economic Impacts of New Public Transport Infrastructure Madrid Metro Line 12.” Journal Article. *Transportation Research Record*, no. 2245: 131–39. <https://doi.org/10.3141/2245-16>.

Mejia-Dorantes, Lucia, Antonio Paez, and Jose Manuel Vassallo. 2012. “Transportation Infrastructure Impacts on Firm Location: The Effect of a New Metro Line in the Suburbs of Madrid.” Journal Article. *Journal of Transport Geography* 22: 236–50. <https://doi.org/10.1016/j.jtrangeo.2011.09.006>.

Mercado, Ruben G., Antonio Paez, Steven Farber, Matthew J. Roorda, and Catherine Morency. 2012. “Explaining Transport Mode Use of Low-Income Persons for Journey to Work in Urban Areas: A Case Study of Ontario and Quebec.” Journal Article. *Transportmetrica* 8 (3): 157–79. <https://doi.org/10.1080/18128602.2010.539413>.

Mercado, Ruben, and Antonio Paez. 2005. “Context and Prospects for Integrated Urban Models for Metropolitan Policy Analysis and Planning in Developing Countries: The Case of Metro Manila.” *Journal of the Eastern Asia Society for Transportation Studies* 6: 3744–59.

———. 2009. “Determinants of Distance Traveled with a Focus on the Elderly: A Multilevel Analysis in the Hamilton CMA, Canada.” Journal Article. *Journal of Transport Geography* 17 (1): 65–76. <https://doi.org/10.1016/j.jtrangeo.2008.04.012>.

Mercado, Ruben, Antonio Paez, and K. Bruce Newbold. 2010. “Transport Policy and the Provision of Mobility Options in an Aging Society: A Case Study of Ontario, Canada.” Journal Article. *Journal of Transport Geography* 18 (5): 649–61. <https://doi.org/10.1016/j.jtrangeo.2010.03.017>.

Mercado, Ruben, Antonio Páez, Darren M Scott, K Bruce Newbold, and Pavlos Kanaroglou. 2007. “Transport Policy in Aging Societies: An International Comparison and Implications for Canada.” *The Open Transportation Journal* 1 (1). <https://doi.org/10.2174/1874447800701010001>.

Miyamoto, Kazuaki, Nao Sugiki, Takashi Uchida, and Antonio Páez. 1997. “A GIS Based Land-Use Model Dealing with Building Types by Small Unit of Land in a Metropolitan Area.” *Journal of the Eastern Asia Society for Transportation Studies* 2: 1943–59.

Miyamoto, K., V. Vichiensan, N. Shimomura, and A. Paez. 2004. “Discrete Choice Model with Structuralized Spatial Effects for Location Analysis.” *Transportation Research Record*, 183–90. <https://doi.org/10.3141/1898-22>.

Moniruzzaman, Md, Anna Chudyk, Antonio Paez, Meghan Winters, Joanie Sims-Gould, and Heather McKay. 2015. “Travel Behavior of Low Income Older Adults and Implementation of an Accessibility Calculator.” Journal Article. *Journal of Transport & Health* 2 (2): 257–68. <https://doi.org/10.1016/j.jth.2015.02.006>.

Moniruzzaman, Md, and Antonio Paez. 2012a. “A Model-Based Approach to Select Case Sites for Walkability Audits.” Journal Article. *Health & Place* 18 (6): 1323–34. <https://doi.org/10.1016/j.healthplace.2012.09.013>.

———. 2012b. “Accessibility to Transit, by Transit, and Mode Share: Application of a Logistic Model with Spatial Filters.” Journal Article. *Journal of Transport Geography* 24: 198–205. <https://doi.org/10.1016/j.jtrangeo.2012.02.006>.

———. 2016. “An Investigation of the Attributes of Walkable Environments from the Perspective of Seniors in Montreal.” Journal Article. *Journal of Transport Geography* 51: 85–96. <https://doi.org/10.1016/j.jtrangeo.2015.12.001>.

Moniruzzaman, Md, Antonio Paez, Khandker M. Nurul Habib, and Catherine Morency. 2013. “Mode Use and Trip Length of Seniors in Montreal.” Journal Article. *Journal of Transport Geography* 30: 89–99. <https://doi.org/10.1016/j.jtrangeo.2013.03.007>.

Moniruzzaman, Md, Antonio Paez, and Catherine Morency. 2014. “Compliance Potential Mapping: A Tool to Assess Potential Contributions of Walking Towards Physical Activity Guidelines.” Journal Article. *Bmc Public Health* 14. <https://doi.org/10.1186/1471-2458-14-511>.

Moniruzzaman, Md, Antonio Paez, Darren Scott, and Catherine Morency. 2015. “Trip Generation of Seniors and the Geography of Walking in Montreal.” Journal Article. *Environment and Planning a-Economy and Space* 47 (4): 957–76. <https://doi.org/10.1068/a130070p>.

Montero-Lorenzo, Jose-Maria, Beatriz Larraz-Iribas, and Antonio Paez. 2009. “Estimating Commercial Property Prices: An Application of Cokriging with Housing Prices as Ancillary Information.” Journal Article. *Journal of Geographical Systems* 11 (4): 407–25. <https://doi.org/10.1007/s10109-009-0095-7>.

Morency, Catherine, Antonio Paez, Matthew J. Roorda, Ruben Mercado, and Steven Farber. 2011. “Distance Traveled in Three Canadian Cities: Spatial Analysis from the Perspective of Vulnerable Population Segments.” Journal Article. *Journal of Transport Geography* 19 (1): 39–50. <https://doi.org/10.1016/j.jtrangeo.2009.09.013>.

Neto, Raul Silveira, Gisleia Duarte, and Antonio Paez. 2015. “Gender and Commuting Time in Sao Paulo Metropolitan Region.” Journal Article. *Urban Studies* 52 (2): 298–313. <https://doi.org/10.1177/0042098014528392>.

Newbold, K Bruce, Darren M Scott, Jamie EL Spinney, Pavlos Kanaroglou, and Antonio Páez. 2005. “Travel Behavior Within Canada’s Older Population: A Cohort Analysis.” *Journal of Transport Geography* 13 (4): 340–51. <https://doi.org/10.1016/j.jtrangeo.2004.07.007>.

Paez, A. 2004a. “Anisotropic Variance Functions in Geographically Weighted Regression Models.” Journal Article. *Geographical Analysis* 36 (4): 299–314. <https://doi.org/10.1111/j.1538-4632.2004.tb01138.x>.

———. 2004b. “Network Accessibility and the Spatial Distribution of Economic Activity in Eastern Asia.” Journal Article. *Urban Studies* 41 (11): 2211–30. <https://doi.org/10.1080/0042098042000268429>.

———. 2005. “Local Analysis of Spatial Relationships: A Comparison of GWR and the Expansion Method.” Book Section. In *Computational Science and Its Applications - Iccsa 2005, Pt 3*, edited by O. Gervasi, M. L. Gavrilova, V. Kumar, A. Lagana, H. P. Lee, Y. Mun, D. Taniar, and C. J. K. Tan, 3482:162–72. Lecture Notes in Computer Science. <<Go to ISI>://WOS:000229696900018>.

Paez, Antonio. 2006. “Exploring Contextual Variations in Land Use and Transport Analysis Using a Probit Model with Geographical Weights.” Journal Article. *Journal of Transport Geography* 14 (3): 167–76. <https://doi.org/10.1016/j.jtrangeo.2005.11.002>.

———. 2007. “Spatial Perspectives on Urban Systems: Developments and Directions.” Journal Article. *Journal of Geographical Systems* 9 (1): 1–6. <https://doi.org/10.1007/s10109-007-0041-5>.

———. 2009a. “Recent Research in Spatial Real Estate Hedonic Analysis.” Journal Article. *Journal of Geographical Systems* 11 (4): 311–16. <https://doi.org/10.1007/s10109-009-0103-y>.

———. 2009b. “Spatial Analysis of Economic Systems and Land Use Change.” Journal Article. *Papers in Regional Science* 88 (2): 251–58. <https://doi.org/10.1111/j.1435-5957.2009.00246.x>.

———. 2013. “Mapping Travelers’ Attitudes: Does Space Matter?” Journal Article. *Journal of Transport Geography* 26: 117–25. <https://doi.org/10.1016/j.jtrangeo.2012.09.002>.

———. 2019. “Using Spatial Filters and Exploratory Data Analysis to Enhance Regression Models of Spatial Data.” Journal Article. *Geographical Analysis* 51 (3): 314–38. <https://doi.org/10.1111/gean.12180>.

———. 2021. “Open Spatial Sciences: An Introduction.” Journal Article. *Journal of Geographical Systems* 23 (4): 467–76. <https://doi.org/10.1007/s10109-021-00364-4>.

Paez, Antonio, Zoha Anjum, Sarah E. Dickson-Anderson, Corinne J. Schuster-Wallace, Belen Martin Ramos, and Christopher D. Higgins. 2020. “Comparing Distance, Time, and Metabolic Energy Cost Functions for Walking Accessibility in Infrastructure-Poor Regions.” Journal Article. *Journal of Transport Geography* 82. <https://doi.org/10.1016/j.jtrangeo.2019.102564>.

Paez, Antonio, Jarin Esita, K. Bruce Newbold, Nancy M. Heddle, and John T. Blake. 2013. “Exploring Resource Allocation and Alternate Clinic Accessibility Landscapes for Improved Blood Donor Turnout.” Journal Article. *Applied Geography* 45: 89–97. <https://doi.org/10.1016/j.apgeog.2013.08.008>.

Paez, Antonio, and Steven Farber. 2012. “Participation and Desire: Leisure Activities Among Canadian Adults with Disabilities.” Journal Article. *Transportation* 39 (6): 1055–78. <https://doi.org/10.1007/s11116-012-9385-x>.

Paez, Antonio, Steven Farber, Ruben Mercado, Matthew Roorda, and Catherine Morency. 2013. “Jobs and the Single Parent: An Analysis of Accessibility to Employment in Toronto.” Journal Article. *Urban Geography* 34 (6): 815–42. <https://doi.org/10.1080/02723638.2013.778600>.

Paez, Antonio, Steven Farber, and David Wheeler. 2011. “A Simulation-Based Study of Geographically Weighted Regression as a Method for Investigating Spatially Varying Relationships.” Journal Article. *Environment and Planning a-Economy and Space* 43 (12): 2992–3010. <https://doi.org/10.1068/a44111>.

Paez, Antonio, Hany Hassan, Mark Ferguson, and Saiedeh Razavi. 2020. “A Systematic Assessment of the Use of Opponent Variables, Data Subsetting and Hierarchical Specification in Two-Party Crash Severity Analysis.” Journal Article. *Accident Analysis and Prevention* 144. <https://doi.org/10.1016/j.aap.2020.105666>.

Paez, Antonio, Christopher D. Higgins, and Salvatore F. Vivona. 2019. “Demand and Level of Service Inflation in Floating Catchment Area (FCA) Methods.” Journal Article. *Plos One* 14 (6). <https://doi.org/10.1371/journal.pone.0218773>.

Paez, Antonio, Fei Long, and Steven Farber. 2008. “Moving Window Approaches for Hedonic Price Estimation: An Empirical Comparison of Modelling Techniques.” Journal Article. *Urban Studies* 45 (8): 1565–81. <https://doi.org/10.1177/0042098008091491>.

Paez, Antonio, Fernando A. Lopez, Tatiane Menezes, Renata Cavalcanti, and Maira Galdino da Rocha Pitta. 2021. “A Spatio-Temporal Analysis of the Environmental Correlates of COVID-19 Incidence in Spain.” Journal Article. *Geographical Analysis* 53 (3): 397–421. <https://doi.org/10.1111/gean.12241>.

Paez, Antonio, Fernando A. Lopez, Manuel Ruiz, and Catherine Morency. 2013. “Development of an Indicator to Assess the Spatial Fit of Discrete Choice Models.” Journal Article. *Transportation Research Part B-Methodological* 56: 217–33. <https://doi.org/10.1016/j.trb.2013.08.009>.

Paez, Antonio, Fernando Lopez, Manuel Ruiz, and Maximo Camacho. 2019. “Inducing Non-Orthogonal and Non-Linear Decision Boundaries in Decision Trees via Interactive Basis Functions.” Journal Article. *Expert Systems with Applications* 122: 183–206. <https://doi.org/10.1016/j.eswa.2018.12.041>.

Paez, Antonio, Ruben Gertes Mercado, Steven Farber, Catherine Morency, and Matthew Roorda. 2010a. “Relative Accessibility Deprivation Indicators for Urban Settings: Definitions and Application to Food Deserts in Montreal.” Journal Article. *Urban Studies* 47 (7): 1415–38. <https://doi.org/10.1177/0042098009353626>.

Paez, Antonio, Ruben G. Mercado, Steven Farber, Catherine Morency, and Matthew Roorda. 2010b. “Accessibility to Health Care Facilities in Montreal Island: An Application of Relative Accessibility Indicators from the Perspective of Senior and Non-Senior Residents.” Journal Article. *International Journal of Health Geographics* 9. <https://doi.org/10.1186/1476-072x-9-52>.

Paez, Antonio, Md Moniruzzaman, Pierre-Leo Bourbonnais, and Catherine Morency. 2013. “Developing a Web-Based Accessibility Calculator Prototype for the Greater Montreal Area.” Journal Article. *Transportation Research Part a-Policy and Practice* 58: 103–15. <https://doi.org/10.1016/j.tra.2013.10.020>.

Paez, Antonio, Manuel Ruiz, Fernando Lopez, and John Logan. 2012. “Measuring Ethnic Clustering and Exposure with the q Statistic: An Exploratory Analysis of Irish, Germans, and Yankees in 1880 Newark.” Journal Article. *Annals of the Association of American Geographers* 102 (1): 84–102. <https://doi.org/10.1080/00045608.2011.620502>.

Paez, Antonio, and Darren M. Scott. 2007. “Social Influence on Travel Behavior: A Simulation Example of the Decision to Telecommute.” Journal Article. *Environment and Planning a-Economy and Space* 39 (3): 647–65. <https://doi.org/10.1068/a37424>.

Paez, Antonio, Darren M. Scott, and Catherine Morency. 2012. “Measuring Accessibility: Positive and Normative Implementations of Various Accessibility Indicators.” Journal Article. *Journal of Transport Geography* 25: 141–53. <https://doi.org/10.1016/j.jtrangeo.2012.03.016>.

Paez, Antonio, Darren M. Scott, and Erik Volz. 2008a. “A Discrete-Choice Approach to Modeling Social Influence on Individual Decision Making.” Journal Article. *Environment and Planning B-Planning & Design* 35 (6): 1055–69. <https://doi.org/10.1068/b3320t>.

———. 2008b. “Weight Matrices for Social Influence Analysis: An Investigation of Measurement Errors and Their Effect on Model Identification and Estimation Quality.” Journal Article. *Social Networks* 30 (4): 309–17. <https://doi.org/10.1016/j.socnet.2008.05.001>.

Paez, Antonio, Darren Scott, Dimitris Potoglou, Pavlos Kanaroglou, and K. Bruce Newbold. 2007. “Elderly Mobility: Demographic and Spatial Analysis of Trip Making in the Hamilton CMA, Canada.” Journal Article. *Urban Studies* 44 (1): 123–46. <https://doi.org/10.1080/00420980601023885>.

Paez, Antonio, Martin Trepanier, and Catherine Morency. 2011. “Geodemographic Analysis and the Identification of Potential Business Partnerships Enabled by Transit Smart Cards.” Journal Article. *Transportation Research Part a-Policy and Practice* 45 (7): 640–52. <https://doi.org/10.1016/j.tra.2011.04.002>.

———. 2012. “Modeling Isoexposure to Transit Users for Market Potential Analysis.” Journal Article. *Transportation Research Part a-Policy and Practice* 46 (10): 1517–27. <https://doi.org/10.1016/j.tra.2012.07.004>.

Paez, Antonio, and Kate Whalen. 2010. “Enjoyment of Commute: A Comparison of Different Transportation Modes.” Journal Article. *Transportation Research Part a-Policy and Practice* 44 (7): 537–49. <https://doi.org/10.1016/j.tra.2010.04.003>.

Paez, A., T. Uchida, and K. Miyamoto. 2000. “Spatial Economic Externalities and Coordinated Land Use-Transportation Planning.” Conference Proceedings. In *9th International Conference of the Cooperation for the Continuing Development of Urban and Suburban Transportation*, 649–55.

———. 2001. “Spatial Association and Heterogeneity Issues in Land Price Models.” Journal Article. *Urban Studies* 38 (9): 1493–1508. <https://doi.org/10.1080/00420980120076768>.

———. 2002a. “A General Framework for Estimation and Inference of Geographically Weighted Regression Models: 1. Location-Specific Kernel Bandwidths and a Test for Locational Heterogeneity.” Journal Article. *Environment and Planning A* 34 (4): 733–54. <https://doi.org/10.1068/a34110>.

———. 2002b. “A General Framework for Estimation and Inference of Geographically Weighted Regression Models: 2. Spatial Association and Model Specification Tests.” Journal Article. *Environment and Planning a-Economy and Space* 34 (5): 883–904. <https://doi.org/10.1068/a34133>.

Páez, A., K. Miyamoto, E. Yamada, and K. Kitazume. 2001. “Transportation Network and Accessibility Analysis in Eastern Asia Based on a Geographical Information System.” *Journal of the Eastern Asia Society for Transportation Studies* 4 (6): 221–25.

Páez, Antonio. 2020. “Using Google Community Mobility Reports to Investigate the Growth of COVID-19 in the United States.” Journal Article. *Findings*. <https://doi.org/10.32866/001c.12976>.

Páez, Antonio, John Black, and Putu Suthanaya. 2003. “Spatial and Temporal Analysis of Zonal Journey-to-Work Preference Functions in Sydney, 1961-1996.” *Journal of the Eastern Asia Society for Transportation Studies* 5.

Páez, Antonio, and Christopher D. Higgins. 2021. “An Examination of the Accessibility Implications of a Pilot COVID-19 Vaccination Program in Hamilton, Ontario.” Journal Article. *Findings*. <https://doi.org/10.32866/001c.24082>.

Páez, Antonio, and Darren M Scott. 2004. “Spatial Statistics for Urban Analysis: A Review of Techniques with Examples.” *GeoJournal* 61 (1): 53–67. <https://doi.org/10.1007/s10708-005-0877-5>.

Páez, A, and J Suzuki. 2001. “Transportation Impacts on Land Use Change: An Assessment Considering Neighborhood Effects.” *Journal of the Eastern Asia Society for Transportation Studies* 4 (6): 47–59.

Páez, A, T Uchida, and K Miyamoto. 1998. “Urbanization and the Urban Heat Island Effect from a Spatial Descriptive Approach.” *Papers on City Planning* 33: 67–72.

———. 1999. “A Spatial Analysis of External Economies and Its Association with Transportation Infrastructure: The Case of Sendai City.” *Journal of the Eastern Asia Society for Transportation Studies* 3 (4): 149–64.

Pereira, Rafael H. M., Carlos Kaue Vieira Braga, Luciana Mendes Servo, Bernardo Serra, Pedro Amaral, Nelson Gouveia, and Antonio Paez. 2021. “Geographic Access to COVID-19 Healthcare in Brazil Using a Balanced Float Catchment Area Approach.” Journal Article. *Social Science & Medicine* 273. <https://doi.org/10.1016/j.socscimed.2021.113773>.

Pouliou, Theodora, Susan J. Elliott, Antonio Paez, and K. Bruce Newbold. 2014. “Building Obesity in Canada: Understanding the Individual-and Neighbourhood-Level Determinants Using a Multi-Level Approach.” Journal Article. *Geospatial Health* 9 (1): 45–55. <https://doi.org/10.4081/gh.2014.5>.

Reyes, Mario, Antonio Paez, and Catherine Morency. 2014. “Walking Accessibility to Urban Parks by Children: A Case Study of Montreal.” Journal Article. *Landscape and Urban Planning* 125: 38–47. <https://doi.org/10.1016/j.landurbplan.2014.02.002>.

Ribeiro, Anabela, Antonio Pais Antunes, and Antonio Paez. 2010. “Road Accessibility and Cohesion in Lagging Regions: Empirical Evidence from Portugal Based on Spatial Econometric Models.” Journal Article. *Journal of Transport Geography* 18 (1): 125–32. <https://doi.org/10.1016/j.jtrangeo.2009.03.002>.

Rojas, Carolina, Antonio Paez, Olga Barbosa, and Juan Carrasco. 2016. “Accessibility to Urban Green Spaces in Chilean Cities Using Adaptive Thresholds.” Journal Article. *Journal of Transport Geography* 57: 227–40. <https://doi.org/10.1016/j.jtrangeo.2016.10.012>.

Romero, Fernando, Juan Gomez, Antonio Paez, and Jose Manuel Vassallo. 2020. “Toll Roads Vs. Public Transportation: A Study on the Acceptance of Congestion-Calming Measures in Madrid.” Journal Article. *Transportation Research Part a-Policy and Practice* 142: 319–42. <https://doi.org/10.1016/j.tra.2020.11.001>.

Roofigari-Esfahan, Nazila, Antonio Paez, and Saiedeh N. Razavi. 2015. “Location-Aware Scheduling and Control of Linear Projects: Introducing Space-Time Float Prisms.” Journal Article. *Journal of Construction Engineering and Management* 141 (1). <https://doi.org/10.1061/(asce)co.1943-7862.0000916>.

Roorda, Matthew J., Antonio Paez, Catherine Morency, Ruben Mercado, and Steven Farber. 2010. “Trip Generation of Vulnerable Populations in Three Canadian Cities: A Spatial Ordered Probit Approach.” Journal Article. *Transportation* 37 (3): 525–48. <https://doi.org/10.1007/s11116-010-9263-3>.

Ruiz, Manuel, Fernando Lopez, and Antonio Paez. 2010. “Testing for Spatial Association of Qualitative Data Using Symbolic Dynamics.” Journal Article. *Journal of Geographical Systems* 12 (3): 281–309. <https://doi.org/10.1007/s10109-009-0100-1>.

———. 2012. “Comparison of Thematic Maps Using Symbolic Entropy.” Journal Article. *International Journal of Geographical Information Science* 26 (3): 413–39. <https://doi.org/10.1080/13658816.2011.586327>.

Saberton, P. J., Antonio Paez, K. Bruce Newbold, and Nancy M. Heddle. 2009. “Geographical Variations in the Correlates of Blood Donor Turnout Rates: An Investigation of Canadian Metropolitan Areas.” Journal Article. *International Journal of Health Geographics* 8. <https://doi.org/10.1186/1476-072x-8-56>.

Sarlas, Georgios, Antonio Paez, and Kay W. Axhausen. 2020. “Betweenness-Accessibility: Estimating Impacts of Accessibility on Networks.” Journal Article. *Journal of Transport Geography* 84. <https://doi.org/10.1016/j.jtrangeo.2020.102680>.

Schettini, Daniela, Carlos R. Azzoni, and Antonio Paez. 2011. “Neighborhood and Efficiency in Manufacturing in Brazilian Regions: A Spatial Markov Chain Analysis.” Journal Article. *International Regional Science Review* 34 (4): 397–418. <https://doi.org/10.1177/0160017611403141>.

Schwanen, Tim, and Antonio Paez. 2010. “The Mobility of Older People - an Introduction.” Journal Article. *Journal of Transport Geography* 18 (5): 591–95. <https://doi.org/10.1016/j.jtrangeo.2010.06.001>.

Scott, Darren M., Ivy Dam, Antonio Paez, and Robert D. Wilton. 2012. “Investigating the Effects of Social Influence on the Choice to Telework.” Journal Article. *Environment and Planning A* 44 (5): 1016–31. <https://doi.org/10.1068/a43223>.

Scott, Darren M., Elenna R. Dugundji, and Antonio Paez. 2013. “The Social Dimension of Activity, Travel and Location Choice Behavior.” Journal Article. *Journal of Transport Geography* 31: 212–15. <https://doi.org/10.1016/j.jtrangeo.2013.06.009>.

Scott, Darren M., Kenneth Bruce Newbold, Jamie E. L. Spinney, Ruben Mercado, Antonio Paez, and Pavlos S. Kanaroglou. 2009. “New Insights into Senior Travel Behavior: The Canadian Experience.” Journal Article. *Growth and Change* 40 (1): 140–68. <https://doi.org/10.1111/j.1468-2257.2008.00464.x>.

Sears, Sean, Mohamed Moataz, Mark Ferguson, Saiedeh Razavi, and Antonio Páez. 2022. “Perceived Barriers to the Movement of Goods in Canada: A Grounded Theory Investigation.” Journal Article. *Transportation Research Part A: Policy and Practice* 162: 27–45. https://doi.org/<https://doi.org/10.1016/j.tra.2022.05.011>.

Silva, Renilson Rodrigues da, and Antonio Páez. 2013. “O Isolamento Geoeconômico Dos Municípios Da Região Norte Do Brasil: Uma Proposta Para Quantificá-Lo.” *Revista Brasileira de Estudos Regionais e Urbanos* 7 (1): 1–18.

Vichiensan, Varameth, Antonio Paez, Kenji Kawai, and Kazuaki Miyamoto. 2006. “Nonstationary Spatial Interpolation Methad for Urban Model Development.” Conference Proceedings. In *85th Annual Meeting of the Transportation-Research-Board*, 103–11.

Victoriano, Rodrigo, Antonio Paez, and Juan-Antonio Carrasco. 2020. “Time, Space, Money, and Social Interaction: Using Machine Learning to Classify People’s Mobility Strategies Through Four Key Dimensions.” Journal Article. *Travel Behaviour and Society* 20: 1–11. <https://doi.org/10.1016/j.tbs.2020.02.004>.

Whalen, Kate E., Antonio Paez, Chandra Bhat, Md Moniruzzaman, and Rajesh Paleti. 2012. “T-Communities and Sense of Community in a University Town: Evidence from a Student Sample Using a Spatial Ordered-Response Model.” Journal Article. *Urban Studies* 49 (6): 1357–76. <https://doi.org/10.1177/0042098011411942>.

Whalen, Kate E., Antonio Paez, and Juan A. Carrasco. 2013. “Mode Choice of University Students Commuting to School and the Role of Active Travel.” Journal Article. *Journal of Transport Geography* 31: 132–42. <https://doi.org/10.1016/j.jtrangeo.2013.06.008>.

Whalen, Kate, and Antonio Paez. 2019. “Development of a New Framework to Guide, Assess, and Evaluate Student Reflections in a University Sustainability Course.” Journal Article. *Teaching & Learning Inquiry-the Issotl Journal* 7 (1): 55–77. <https://doi.org/10.20343/teachlearninqu.7.1.5>.

———. 2021. “Student Perceptions of Reflection and the Acquisition of Higher-Order Thinking Skills in a University Sustainability Course.” Journal Article. *Journal of Geography in Higher Education* 45 (1): 108–27. <https://doi.org/10.1080/03098265.2020.1804843>.

———. 2022. “Reliability of the Reflective Learning Framework for Assessing Higher-Order Thinking in Geography and Sustainability Courses.” Journal Article. *Journal of Geography* 121 (1): 18–33. <https://doi.org/10.1080/00221341.2021.2003848>.

Wheeler, David C., Antonio Paez, Jamie Spinney, and Lance A. Waller. 2014. “A Bayesian Approach to Hedonic Price Analysis.” Journal Article. *Papers in Regional Science* 93 (3): 663–83. <https://doi.org/10.1111/pirs.12003>.

Wilton, Robert D., Antonio Paez, and Darren M. Scott. 2011. “Why Do You Care What Other People Think? A Qualitative Investigation of Social Influence and Telecommuting.” Journal Article. *Transportation Research Part a-Policy and Practice* 45 (4): 269–82. <https://doi.org/10.1016/j.tra.2011.01.002>.