

# Example References for a Paper written in Word

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## Literatur

BOOK-AUTHOR (0000) *TITLE*, edition edn., vol. volume of *series*, PUBLISHER, address.

BOOK-AUTHOR (0001) *A Book with an Author and all Information*, 3. edn., vol. 987 of 6, Springer, Zurich.

BOOK-AUTHOR (0002) *A Book with an Author and Some Missing Optional Values*, vol. 987, Springer, Zurich.

BOOK-AUTHOR (0002) *A Book with an Author (Minimal Version)*, Springer.

BOOK-AUTHOR (forthcoming) *A Book with an Author which is Going to be Published*, Springer.

BOOK-EDITOR (ed.) (0000) *TITLE*, edition edn., vol. volume of *series*, PUBLISHER, address.

BOOK-EDITOR (ed.) (0001) *A Book with an Editor and all Information*, 3. edn., vol. 987 of 6, Springer, Zurich.

BOOK-EDITOR (ed.) (0002) *A Book with an Editor and Some Missing Optional Values*, vol. 987, Springer, Zurich.

BOOK-EDITOR (ed.) (0002) *A Book with an Editor (Minimal Version)*, Springer.

BOOK-EDITOR (ed.) (forthcoming) *A Book with an Editor which is Going to be Published*, Springer.

Buriks, C., W. Bohn, M. Kennett, L. Scola and B. Srdanovic (2004) *Using HAZUS-MH for Risk Assessment*, HAZUS-MH Risk Assessment and User Group, Federal Emergency Management Agency, Washington, D.C.

Abady, M. and L. Gardelli (1997) *A Theory of Objects*, Springer, New York.

Abel, T. (1976) *Man is the measure: a cordial invitation to the central problems of philosophy*, Free Press, a division of Macmillan Publishing Company, London.

ADM Arbeitskreis Deutscher Markt- und Sozialforschungsinstitute e.V. (2014) *Stichproben-Verfahren in der Umfrageforschung. Eine Darstellung für die Praxis*, Springer, Wiesbaden.

Agresti, A. and B. Finlay (1997) *Statistical Methods for the Social Sciences*, Prentice Hall, Upper Saddle River.

Aigner, D. J. (1971) *Basic Econometrics*, Prentice Hall, Englewood Cliffs.

Albers, S., B. Alt and S. Näher (eds.) (2009) *Efficient Algorithms*, Lecture Notes in Computer Science, Springer, Berlin.

Albrecht, C.-M. (2009) *Einkaufsstress*, Schriftenreihe des Instituts für Marktorientierte Unternehmensführung (IMU), Universität Mannheim, Gabler Verlag, Wiesbaden.

Alexander, C., S. Ishikawa and M. Silverstein (1977) *A Pattern Language: Towns, Buildings, Construction*, Oxford University Press, Oxford.

Alexander, C. (1979) *The Timeless Way of Building*, Oxford University Press, New York.

Alexander, C., H. Heis, A. Anninou and I. King (1987) *A New Theory of Urban Design*, Oxford University Press, Oxford.

Alonso, W. (1964) *Location and Land Use*, Harvard University Press, Cambridge.

Anas, A. (1982) *Residential Location Markets and Urban Transportation*, Academic Press, New York.

Andersen, E. B. (1997) *Introduction to the Statistical Analysis of Categorical Data*, Springer, Berlin.

Anselin, L. (1988) *Spatial Econometrics: Methods and Models*, Kluwer, Dordrecht.

Anselin, L. (1992) *SpaceStat Tutorial: A Workbook for Using SpaceStat in the Analysis of Spatial Data*, University of Illinois, Urbana.

American Planning Association (2006) *Planning and Urban Design Standards*, John Wiley & Sons, Hoboken.

Arbib, M. A. (ed.) (2003) *The handbook of brain theory and neural networks*, 2. edn., MIT Press, Cambridge.

Arentze, T. A. and H. J. P. Timmermans (2000) *ALBATROSS: A Learning-Based Transportation Oriented Simulation*, EIRASS, Eindhoven.

Arimah, B. C., I. Jensen, N. D. Mutizwa-Mangiza and E. A. Yemeru (2009) *Planning Sustainable Cities*, Earthscan, London.

- Müller Arizona, S., G. Aschwanden, J. Halatsch and P. Wonka (eds.) (2012) *Digital Urban Modeling and Simulation*, Springer, Berlin.
- ATOC (ed.) (2002) *Passenger Demand Forecasting Handbook*, Association of Train Operating Companies (ATOC), London.
- Axhausen, K. W., J.-L. Madre, J. W. Polak and P. L. Toint (eds.) (2002) *Capturing Long-Distance Travel*, Research Studies Press, Hertfordshire.
- Axhausen, K. W. and L. Hurni (eds.) (2005) *Zeitkarten Schweiz 1950 - 2000*, Institut für Verkehrsplanung und Transportsysteme and Institut für Kartografie, ETH Zürich, Zurich.
- Axhausen, K. W. and J. W. Polak (1989) *The Role of Parking Search Strategies in Understanding Parking Behaviour*, Transport Studies Unit, Oxford University, Oxford.
- Axhausen, K. W. (ed.) (2006) *Moving Through Nets: The Physical and Social Dimensions of Travel*, Elsevier, Oxford.
- Bäck, T. (1996) *Evolutionary Algorithms in Theory and Practice: Evolution Strategies, Evolutionary Programming, Genetic Algorithms*, Oxford University Press, Oxford.
- Bähr, J. (1997) *Bevölkerungsgeographie. Verteilung und Dynamik der Bevölkerung in globaler, nationaler und regionaler Sicht*, 3. edn., UTB, Stuttgart.
- Banks, J. (1998) *Handbook of Simulation: Principles, Methodology, Advances, Applications, and Practice*, John Wiley & Sons, New York.
- Banks, J. (2001) *Discrete-event system simulation*, Prentice Hall, Upper Saddle River.
- Barabási, A.-L. (2003) *Linked: The New Science of Networks*, Perseus, Cambridge.
- Barker, T. G. and M. Robbins (1974) *A History of London Transport*, Allen and Unwin, London.
- Barnett, J. (1995) *The Fractured Metropolis*, HarperCollins, New York.
- Barton, H. (ed.) (2000) *Sustainable Communities: The Potential for Eco-neighbourhoods*, Earthscan, London.
- Batty, M. (2005) *Cities and Complexities*, MIT Press, Cambridge.
- Batty, M. (2013) *The New Science of Cities*, MIT Press, Cambridge.
- Baumann, G. and A. Gingrich (eds.) (2004) *Grammars of Identity/Alterity : A Structural Approach*, Berghahn Books, New York.
- Bazzan, A. L. C. and F. Klügl (eds.) (forthcoming) *Multi-Agent Systems for Traffic and Transportation Engineering*, IGI Global.

- Bazzan, A. L. C. and F. Klügl (eds.) (2009) *Multi-Agent Systems for Traffic and Transportation Engineering*, Information Science Reference, Hershey.
- Bazzan, A. L. C. and S. Labidi (eds.) (2004) *Advances in Artificial Intelligence - SBIA 2004*, vol. 3171 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Beckmann, M., C. B. McGuire and C. B. Winston (1956) *Studies in the Economics of Transportation*, Yale University Press, New Haven.
- Beckmann, P. and G. Engelbrech (eds.) (1994) *Arbeitsmarkt für Frauen 2000 - ein Schritt vor oder ein Schritt zurück?*, vol. 179 of *Beiträge zur Arbeitsmarkt- und Berufsforschung*, Institut für Arbeitsmarkt- und Berufsforschung, Nürnberg.
- Beckmann, K. J. (ed.) (2000) *Tagungsband zum 1. Aachener Kolloquium Mobilität und Stadt*, vol. 69 of *Schriftenreihe Stadt Region Land*, Institut für Stadtbauwesen und Strassenverkehr (ISB), RWTH Aachen, Aachen.
- Ben-Akiva, M. E. and S. R. Lerman (1985) *Discrete Choice Analysis: Theory and Application to Travel Demand*, MIT Press, Cambridge.
- Bell, M. G. H. and C. Cassir (eds.) (2001) *Reliability of Transport Networks*, Research Studies Press, Baldock.
- Bell, M. G. H., B. G. Heydecker and R. E. Allsop (eds.) (2007) *Transportation and Traffic Theory*, Elsevier, Amsterdam.
- Bell, M. G. H. and Y. Iida (eds.) (2003) *The Network Reliability of Transport*, Pergamon Press, Oxford.
- Bellman, R. E. (1961) *Adaptive Control Processes: A Guided Tour*, Princeton University Press, Princeton.
- Bettman, J. R. (1979) *An Information Processing Theory of Consumer Choice*, Addison-Wesley, Massachusetts.
- Bhat, C. R. and R. M. Pendyala (eds.) (2012) *Travel Behaviour Research for an Evolving World*, Emerald.
- Bieger, T., C. Lässer and R. Maggi (eds.) (2003) *Jahrbuch 2002/2003 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Bieger, T., C. Lässer and R. Maggi (eds.) (2005) *Jahrbuch 2004/2005 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Bieger, T., C. Lässer and R. Maggi (eds.) (2006) *Jahrbuch 2005/2006 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Bieger, T., C. Lässer and R. Maggi (eds.) (2007) *Jahrbuch 2006/2007 Schweizerische Ver-*

- kehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Bieger, T., C. Lässer and R. Maggi (eds.) (2015) *Jahrbuch 2015 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Bielli, M., G. Ambrosino and M. Boero (eds.) (1994) *Artificial Intelligence Applications to Traffic Engineering*, VSP, Utrecht.
- Biethahn, J., A. Lackner and M. Range (2004) *Optimierung und Simulation*, Oldenbourg, Munich.
- Birkmann, J. (ed.) (2006) *Measuring Vulnerability to Natural Hazards*, United Nations University Press, Tokyo.
- Blaikie, P., T. Cannon, I. Davis and B. Wisner (eds.) (1994) *At Risk: Natural Hazards, People's Vulnerability, and Disasters*, Routledge, London.
- Bogner, A., B. Littig and W. Menz (eds.) (2009) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, Verlag für Sozialwissenschaften, Wiesbaden.
- Bollen, K. A. (1989) *Structural Equations With Latent Variables*, John Wiley & Sons, New York.
- Bonifaci, V., C. Demetrescu and A. Marchetti-Spaccamela (eds.) (2013) *Experimental Algorithms*, vol. 7933 of *Lecture Notes in Computer Science*, Springer, Heidelberg.
- Bonnel, P., J. Zmud, M. E. H. Lee-Gosselin and J.-L. Madre (eds.) (2009) *Transport Survey Methods: Keeping Up with a Changing World*, Emerald, Bingley.
- Bonsall, P. W., Q. Dalvi and P. J. Hills (eds.) (1977) *Urban transportation planning: current themes and future prospects*, Abacus Press, Kent.
- Bossel, H. (2004) *Systeme, Dynamik, Simulation: Modellbildung, Analyse und Simulation komplexer Systeme*, Books on Demand.
- Bovy, P. H. L. and E. Stern (1990) *Route Choice and Way Finding in Transport Networks*, Kluwer, Dordrecht.
- Boyce, D. and I. Williams (eds.) (forthcoming) *Forecasting Urban Travel: Past, Present and Future*, Edward Elgar, Northampton.
- Box, G. E. P., W. G. Hunter and J. S. Hunter (1978) *Statistics for Experimenters – An introduction to design, data analysis, and model building*, John Wiley & Sons, New York.
- Brail, R. K. and R. E. Klosterman (eds.) (2008) *Planning Support Systems for cities and regions*, Lincoln Institute of Land Policy, Cambridge.
- Breen, D. and M. C. Lin (eds.) (2003) *ACM SIGGRAPH / Eurographics Symposium on Com-*

puter Animation, Association for Computing Machinery, San Diego.

Brilon, W. (ed.) (1991) *Intersections without Traffic Signals II*, Springer, Berlin.

Brilon, W., F. Huber, M. Schreckenberg and H. Wallentowitz (eds.) (1998) *Traffic and Mobility: Simulation—Economics—Environment*, Springer, Berlin.

Brodal, G. S. and S. Leonardi (eds.) (2005) *Algorithms – ESA 2005*, vol. 3669 of *Lecture Notes in Computer Science / Theoretical Computer Science and General Issues*, Springer, Berlin.

BOOK-AUTHOR (0001) *A Book with an Author and all Information*, 3. edn., vol. 987 of 6, Springer, Zurich.

Brunsma, D. L., D. Overfelt and J. S. Picou (eds.) (2007) *The sociology of Katrina. Perspectives on a Modern Catastrophe*, Rowman & Littlefield, Plymouth.

Brychta, P. and K. Müller (2004) *Technische Simulation*, Vogel Buchverlag, Würzburg.

Byrne, B. (ed.) (2001) *Structural Equation Modelling With AMOS - Basic Concepts, Applications, and Programming*, Psychology Press, East Sussex.

Button, K. J. and E. T. Verhoef (eds.) (1998) *Road Pricing, Traffic Congestion and the Environment: Issues of Efficiency and Social Feasibility*, Edward Elgar, Cheltenham.

Burns, J. E. and M. Yoram (eds.) (1996) *Proceedings of the 15th ACM Symposium on Principles of Distributed Computing*, Association for Computing Machinery, New York.

Carpenter, S. M. and P. M. Jones (eds.) (1983) *Recent Advances in Travel Demand Analysis*, Gower, Aldershot.

Cascetta, E. (2001) *Transportation Systems Engineering: Theory and Methods*, Kluwer, Dordrecht.

Casti, J. L. (1997) *Would-Be Worlds: How Simulation is Changing the Frontiers of Science*, John Wiley & Sons, New York.

Ceder, A. (ed.) (1999) *Transportation and Traffic Theory - Proceedings of the 14th International Symposium on Transportation and Traffic Theory*, Elsevier, Oxford.

Chapin, F. S. (1974) *Human Activity Patterns in the City*, John Wiley & Sons, Hoboken.

Cheney, W. and D. R. Kincaid (2012) *Numerical Mathematics and Computing*, 7. edn., Brooks/Cole.

Christaller, W. (1933) *Die zentralen Orte in Süddeutschland: eine ökonomisch-geographische Untersuchung über die Gesetzmässigkeit der Verbreitung und Entwicklung der Siedlungen mit städtischen Funktionen*, Wissenschaftliche Buchgesellschaft.

Clark, J. and D. A. Holton (1991) *A first look at graph theory*, World Scientific, Teaneck.

- Cliff, A. and J. K. Ord (eds.) (1981) *Spatial processes: models and applications*, Pion, London.
- Coates, P. (2010) *Programming Architecture*, Routledge, London.
- Cochran, J. J., L. A. Cox, P. Keskinocak, J. P. Kharoufeh and J. C. Smith (eds.) (2010) *Wiley Encyclopedia of Operations Research and Management Science*, John Wiley & Sons, Hoboken.
- Copper Marcus, C. and C. Francis (eds.) (1998) *People Places*, John Wiley & Sons, New York.
- Cover, T. M. and J. A. Thomas (1991) *Elements of Information Theory*, Wiley Series in Telecommunications, John Wiley & Sons, New York.
- Cowan, R. (2002) *Urban Design Guidance: Urban Design Frameworks, Development Briefs and Master Plans*, Thomas Telford Publishing, London.
- Cowell, W. J. (ed.) (1984) *Sources and Development of Mathematical Software*, Prentice Hall, Upper Saddle River.
- Daganzo, C. F. (1979) *Multinomial Probit: The Theory and Its Application to Demand Forecasting*, Academic Press, New York.
- Darwin, C. R. (1871) *The Descent of Man, and Selection in Relation to Sex*, John Murray, London.
- Davidson, W. A. and K. J. Krizek (eds.) (2005) *Access to Destinations*, Elsevier, Oxford.
- Davis, L. (ed.) (1987) *Genetic Algorithms and Simulated Annealing*, Research Notes in Artificial Intelligence, Pitman, London.
- Deaton, A. and J. Muellbauer (1980) *Economics and Consumer Behaviour*, Cambridge University Press, Cambridge.
- de Berg, M. and U. Meyer (eds.) (2010) *Algorithms – ESA 2010*, vol. 6346 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Demetrescu, C., A. V. Goldberg and D. S. Johnson (eds.) (2009) *The Shortest Path Problem: Ninth DIMACS Implementation Challenge*, American Mathematical Society, Providence.
- de Palma, A., R. Lindsey, E. Quinet and R. W. Vickerman (eds.) (2011) *A Handbook of Transport Economics*, Edward Elgar, Cheltenham.
- Deppermann, A. (2008) *Gespräche analysieren: Eine Einführung*, Verlag für Sozialwissenschaften, Wiesbaden.
- Devroye, L. (1986) *Non-Uniform Random Variate Generation*, Springer, New York.
- di Battista, G. and U. Zwick (eds.) (2003) *Algorithms – ESA 2003*, vol. 2832 of *Lecture Notes in Computer Science*, Springer, Berlin.

- Diekmann, A. and T. Voss (eds.) (2004) *Rational-Choice-Theorie in den Sozialwissenschaften: Anwendung und Probleme*, Oldenbourg, Munich.
- Dillman, D. A. (2000) *Mail and Internet Surveys. The Tailored Design Method*, John Wiley & Sons, New York.
- Donaghy, K. P., S. Poppelreuter and G. Rudinger (eds.) (2005) *Social Dimensions of Sustainable Transport: Transatlantic Perspectives*, Ashgate, Aldershot.
- Dorigo, M. and T. Stuetzle (2004) *Ant Colony Optimization*, MIT Press, Cambridge.
- Downs, A. (2004) *Still Stuck in Traffic*, The Brookings Institution, Washington, D.C.
- Domencich, T. and D. McFadden (1975) *Urban Travel Demand: A Behavioral Analysis*, North-Holland, Amsterdam.
- Duany, A., S. Sorlien and W. Wright (2009) *SmartCode Version 9.2*, New Urban News Publications Inc., Ithaca.
- Dutton, J. A. (2000) *New American Urbanism*, Skira, Milan.
- ECMT (ed.) (1999) *Which changes for transport in the next century?*, ECMT, Paris.
- EvansG, G. W., M. Mollaghasemi, E. C. Russell and W. E. Biles (eds.) (1993) *WSC '93: Proceedings of the 25th Conference on Winter Simulation*, Association for Computing Machinery, New York.
- Eiben, A. E. and J. E. Smith (eds.) (2003) *Introduction to Evolutionary Computing*, Springer, Berlin.
- Ettema, D. F. and H. J. P. Timmermans (eds.) (1997) *Activity-Based Approaches to Travel Analysis*, Pergamon Press, Oxford.
- Eymann, T. (2003) *Digitale Geschäftsagenten - Softwareagenten im Einsatz*, Springer, Berlin.
- Faber, M. H. (2008) *Risk Assessment in Engineering — Principles, System Representation & Risk Criteria*, Joint Committee on Structural Safety, Zurich.
- Fahrländer, S. S. (2007) *Hedonische Immobilienbewertung: Eine empirische Untersuchung der Schweizer Märkte für Wohneigentum 1985 bis 2005*, m-press.
- Farmer, D., A. Lapedes, N. Packard and B. Wendorff (eds.) (1986) *Evolution, Games and Learning: Models for Adaptation in Machines and Nature, Proceedings of the Fifth Annual Conference of the Centre for Nonlinear Studies*, Los Alamos, Elsevier.
- Ferber, J. (1999) *Multi-Agent Systems: An Introduction to Distributed Artificial Intelligence*, Addison-Wesley, Boston.
- Ferber, J. (2001) *Multiagentensysteme: Eine Einführung in die Verteilte Künstliche Intelligenz*,



Addison-Wesley, Munich.

Fiume, E. (ed.) (2001) *Proceedings of ACM SIGGRAPH 2001*, ACM Press, New York.

Fleischer, R. and E. M. Moret, BernardSchmidt (eds.) (2002) *Experimental Algorithmics: From Algorithm Design to Robust and Efficient Software*, vol. 2547 of *Lecture Notes in Computer Science*, Springer, Berlin.

Fletcher, R. (1987) *Practical Methods of Optimization*, John Wiley, Chichester.

Florida, R. (2005) *Cities and the creative class*, Routledge, New York.

Floudas, C. A. and P. M. Pardalos (eds.) (2001) *Encyclopedia of Optimization*, Springer, New York.

Floudas, C. A. and P. M. Pardalos (eds.) (2009) *Encyclopedia of Optimization*, Springer, New York.

Fogel, L. J., A. J. Owens and M. J. Walsh (1966) *Artificial Intelligence through Simulated Evolution*, John Wiley & Sons, Chichester.

Fotheringham, A. S., C. Brunson and M. Charlton (2002) *Geographically Weighted Regression - The Analysis of Spatially varying Relationships*, John Wiley & Sons, Chichester.

Foscht, T. and B. Swoboda (2007) *Käuferverhalten*, 3. edn., Gabler Verlag, Wiesbaden.

Fox, G. (ed.) (1988) *Proceedings of the third conference on Hypercube concurrent computers and applications: Architecture, software, computer systems, and general issues*, vol. 1, Association for Computing Machinery, New York.

Franses, P. H. and A. L. Montgomery (eds.) (2002) *Econometric Models in Marketing*, vol. 16 of *Advances in Econometrics*, Elsevier, Oxford.

Freiman, C. (ed.) (1972) *Information Processing 71*, North-Holland, Amsterdam.

Frey, D. and M. Irle (eds.) (1993) *Theorien der Sozialpsychologie, Band 1: Kognitive Theorien*, Huber, Berne.

Friedman, D. P., M. Wand and C. T. Haynes (1992) *Essentials of Programming Languages*, MIT Press, Cambridge.

Friedrich, M. (2002) *Analyse und Optimierung von Verkehrsnetzen im IV und ÖV*, vol. Heft 14 of *Schriftenreihe des Lehrstuhls für Verkehrs- und Stadtplanung*, Technische Universität München, VSM München, Munich.

Froschauer, U. and M. Lueger (2003) *Das qualitative Interview*, WUV-Universitätsverlag, Vienna.

Fudenberg, D. and D. K. Levine (1998) *The Theory of Learning in Games*, MIT Press, Cam-

bridge.

Gärling, T., T. Laitila and K. Westin (eds.) (1998) *Theoretical Foundations of Travel Choice Modeling*, Pergamon Press, Oxford.

Gamma, E., R. Helm, R. Johnson and J. Vlissides (1995) *Design Patterns: Elements of Reusable Object-Oriented Software*, Addison-Wesley, Boston.

Garey, M. R. and D. S. Johnson (1979) *Computers and Intractability - A Guide to the Theory of NP-Completeness*, W.H. Freeman and Company, San Francisco.

Gartner, N. H., C. J. Messer and A. K. Rathi (2002) *Traffic Flow Theory*, U.S. Department of Transportation, Washington, D.C.

Gartner, N. H. and G. Improta (eds.) (1995) *Urban traffic networks: dynamic flow modeling and control*, Springer, Berlin.

Gartner, G. and K. Rehrl (eds.) (2008) *Location Based Services and TeleCartography II: From Sensor Fusion to Context Models*, 1st edn., Springer.

Garz, D. and K. Kraimer (eds.) (1991) *Qualitativ-empirische Sozialforschung: Konzepte, Methoden, Analysen*, Westdeutscher Verlag, Opladen.

Gelfand, A. E., P. J. Diggle, M. Fuentes and P. Guttorp (eds.) (2010) *Handbook of spatial statistics*, CRC Press, Boca Raton.

Gendreau, M. and P. Marcotte (eds.) (2002) *Transportation and Network Analysis: Current Trends*, Kluwer, Dordrecht.

Gerardin, B. (ed.) (1989) *Travel Behaviour Research*, Avebury, Gower, Aldershot.

Gerdes, I., F. Klawonn and R. Kruse (2004) *Evolutionäre Algorithmen - Genetische Algorithmen, Strategien und Optimierungsverfahren, Beispielanwendungen*, Vieweg, Wiesbaden.

Gerike, R., F. Hülsmann and K. Roller (eds.) (2013) *Strategies for Sustainable Mobilities – Opportunities and Challenges*, Ashgate, Burlington.

Geurs, K. T., K. J. Krizek and A. Reggiani (eds.) (2012) *Accessibility and Transport Planning*, Edward Elgar Publishing, Cheltenham.

Ghez, R. G. and G. S. Becker (1975) *The Allocation of Time and Goods over the Life Cycle*, Columbia University Press, New York.

Giddens, A. (1984) *The Constitution of Society: Outline of the Theory of Structuration*, Polity Press, Cambridge.

Gilbert, N. and K. G. Troitzsch (2005) *Simulation for the Social Scientist*, 2. edn., Open University Press, Maidenhead.

- Gläser, J. and G. Laudel (2010) *Experteninterviews und qualitative Inhaltsanalyse*, Verlag für Sozialwissenschaften, Wiesbaden.
- Goldberg, D. E. (1989) *Genetic Algorithms in Search, Optimization and Machine Learning*, Addison-Wesley, Reading.
- Goldberg, D. E. (2002) *The Design of Innovation*, Kluwer, Dordrecht.
- Golledge, R. G. and H. J. P. Timmermans (eds.) (1988) *Behavioural Modelling in Geography and Planning*, Croom Helm, London.
- Goulias, K. G. (ed.) (2002) *Transportation Systems Planning: Methods and Applications*, CRC Press, New York.
- Grefenstette, J. J. (ed.) (1985) *Proceedings of the First International Conference on Genetic Algorithms and Their Applications*, Lawrence Erlbaum Associates, Pittsburgh.
- Greene, D. L., D. W. Jones and M. A. Delucchi (eds.) (1997) *The Full Costs and Benefits of Transportation: Contributions to Theory, Method and Measurement*, Springer, Berlin.
- Grieco, M. and J. Urry (eds.) (2012) *Mobilities: New Perspectives on Transport and Society*, Ashgate, Farnham.
- Grübler, A. (1998) *Technology and Global Change*, Cambridge University Press, Cambridge.
- Gruska, J. (ed.) (1977) *Mathematical Foundations of Computer Science 1977*, vol. 53 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Haas, T. (2008) *New Urbanism and Beyond*, Rizzoli, New York.
- Hall, R. (ed.) (1999) *Handbook of Transportation Science*, Kluwer, Dordrecht.
- Hall, R. W. (ed.) (2003) *Handbook of Transportation Science*, Springer, New York.
- Hargrett, P. and J. C. Chorley (eds.) (1969) *Network Analysis in Geography*, Butler and Tanner, London.
- Hastie, T., R. Tibshirani and J. Friedman (2009) *The Elements of Statistical Learning: Data Mining, Inference, and Prediction*, 2. edn., Springer Series in Statistics, Springer, New York.
- Hautzinger, H. (ed.) (2003) *Freizeitmobilitätsforschung - Theoretische und methodische Ansätze*, Verlag MetaGIS Infosysteme, Mannheim.
- Heckman, J. J. and E. E. Leamer (eds.) (2001) *Handbook of Econometrics*, Elsevier, Oxford.
- Heinrich, G. and J. Grass (2006) *Operations Research in der Praxis: Anwendungen, Modelle, Algorithmen und JAVA-Programme*, Oldenbourg, Munich.
- Heinritz, G. (ed.) (1992) *The Attraction of Retail Locations: IGU-Symposium*, Verlag Michael

Lassleben, Kallmünz.

Helbich, M., J. J. Arsanjani and M. Leitner (eds.) (2015) *Computational Approaches for Urban Environments*, vol. 13 of *Geotechnologies and the Environment*, Springer, Cham.

Hensher, D. A. (1977) *Value of business travel time*, Pergamon Press, Oxford.

Hensher, D. A. (ed.) (2001) *Travel Behaviour Research: The Leading Edge*, Pergamon Press, Oxford.

Hensher, D. A. and K. J. Button (eds.) (2000) *Handbook of Transport Modelling*, Pergamon Press, Amsterdam.

Hensher, D. A. and K. J. Button (eds.) (2007) *Handbook of Transport Modelling*, 2. edn., Elsevier, Oxford.

Hensher, D. A., J. King and T. Oum (eds.) (1996) *World Transport Research: Proceedings of the 7th World Conference on Transport Research*, vol. 1, Pergamon Press, Oxford.

Hensher, D. A., J. King and T. Oum (eds.) (1996) *World Transport Research: Proceedings of the 7th World Conference on Transport Research*, vol. 2, Pergamon Press, Oxford.

Hensher, D. A., J. King and T. Oum (eds.) (1996) *World Transport Research: Proceedings of the 7th World Conference on Transport Research*, vol. 3, Pergamon Press, Oxford.

Hensher, D. A., J. King and T. Oum (eds.) (1996) *World Transport Research: Proceedings of the 7th World Conference on Transport Research*, vol. 4, Pergamon Press, Oxford.

Hensher, D. A., K. J. Button, K. Haynes and P. R. Stopher (eds.) (2004) *Handbook of Transport Geography and Spatial System*, Elsevier, Oxford.

Hensher, D. A., J. M. Rose and W. H. Greene (2015) *Applied Choice Analysis, Second Edition*, Cambridge University Press, Cambridge.

Hensher, D. A. and L. W. Johnson (1980) *Applied Discrete Choice Modeling*, John Wiley, New York.

Hensher, D. A. and P. R. Stopher (eds.) (1979) *Behavioural Travel Modelling*, Croom Helm Ltd, Kent.

Herman, R. (ed.) (1961) *Theory of Traffic Flow*, Elsevier, Amsterdam.

Hess, S. and A. J. Daly (eds.) (2010) *Choice Modelling: The State of the Art and the State of Practice - Proceedings from the Inaugural International Choice Modeling Conference*, Emerald, Bingley.

Hess, S. and A. J. Daly (eds.) (2014) *Handbook of Choice Modelling*, Edward Elgar, Cheltenham.

- Hillier, F. S. (ed.) (2010) *Dynamic Optimization and Differential Games*, Springer, New York.
- Hillier, F. S. and G. J. Lieberman (eds.) (2005) *Introduction to Operations Research*, McGraw-Hill, New York.
- Hillier, B. and J. Hanson (eds.) (1984) *The Social Logic of Space*, Cambridge University Press, Cambridge.
- Bankhoff, G., G. Frerks and D. Hilhorst (eds.) (2004) *Mapping Vulnerability: Disasters, Development and People*, Earthscan, London.
- Hofbauer, J. and K. Sigmund (1998) *Evolutionary Games and Population Dynamics*, Cambridge University Press, Cambridge.
- Holland, J. H. (1975) *Adaptation in Natural and Artificial Systems*, The University of Michigan Press, Ann Arbor.
- Holland, J. H. (1992) *Adaptation in Natural and Artificial Systems: An Introductory Analysis with Applications to Biology, Control, and Artificial Intelligence*, MIT Press, Cambridge.
- Holler, M. and G. Illing (2005) *Einführung in die Spieltheorie*, Springer, Berlin, Heidelberg, New York.
- Holz-Rau, C. and J. Scheiner (eds.) (2015) *Räumliche Mobilität und Lebenslauf – Studien zu Mobilitätsbiografien und Mobilitätssozialisation*, Springer, Wiesbaden.
- Hopf, C. and E. Weingarten (eds.) (1984) *Qualitative Sozialforschung*, Klett, Stuttgart.
- Horni, A., K. Nagel and K. W. Axhausen (eds.) (forthcoming) *The Multi-Agent Transport Simulation MATSim*, self-published.
- Horni, A., K. Nagel and K. W. Axhausen (eds.) (2016) *The Multi-Agent Transport Simulation MATSim*, Ubiquity, London.
- Houts, P. S., P. D. Cleary and T. W. Hu (1988) *The Three Mile Island Crisis: Psychological, Social, and Economic Impacts on the Surrounding Population*, Pennsylvania State University Press, Harrisburg.
- Howard, J. A. and J. N. Sheth (1969) *The Theory of Buyer Behavior*, John Wiley, New York.
- Huber, J. (ed.) (1982) *The Effect of Item Similarity on Choice Probabilities: A Collection of Working Papers from a Conference at Quail Roost*, Duke University, Durham.
- Hutchinson, T. P. (2003) *Produktionsfaktor Wissen: Untersuchung des Zusammenhangs zwischen Wissen und Standort von Unternehmen*, vol. 45 of *Aachener Reihe Mensch und Technik*, Wissenschaftsverlag Mainz, Aachen.
- Hurtubia, R., M. Bierlaire, P. A. Waddell and A. de Palma (eds.) (2015) *Integrated transport*

*and land use modeling for sustainable cities*, EPFL Press, Lausanne.

Hutchinson, B. G., P. Nijkamp and M. Batty (eds.) (1985) *Optimization and Discrete Choice in Urban Systems*, Springer, Berlin.

Hutchinson, T. P. (1993) *Essentials of Statistical Methods in 41 Pages*, Rumsby Scientific Publishing, Adelaide.

Huwer, U., R. Wimmer, R. Ott, S. Hinden, C. Camandona and A. Renard (eds.) (2015) *Optimale Geschwindigkeiten in Siedlungsgebieten*, Books on Demand.

Institut für Mobilitätsforschung (ed.) (2005) *Zukunft der Mobilität - Szenarien für das Jahr 2025*, Institut für Mobilitätsforschung, Munich.

Institut für Mobilitätsforschung (ed.) (2000) *Freizeitverkehr*, Springer, Berlin.

Pachauri, R. K. and A. Reisinger (eds.) (2007) *Climate Change 2007: Synthesis Report. Contribution of Working Groups I, II and III to the Fourth Assessment, Report of the Intergovernmental Panel on Climate Change*, Intergovernmental Panel on Climate Change, Geneva.

ISB (ed.) (2002) *Stadt Region Land*, vol. 73, Institut für Stadtbauwesen RWTH Aachen, Aachen.

ISB (ed.) (2006) *Stadt Region Land*, vol. 81, Institut für Stadtbauwesen RWTH Aachen, Aachen.

Ingalls, R., M. D. Rossetti, J. S. Smith and B. A. Peter (eds.) (2004) *WSC '04: Proceedings of the 36th Conference on Winter Simulation*, IEEE Computer Society, Washington, D.C.

Ingleton, J. (ed.) (1999) *Natural Disaster Management*, Tudor Rose, London.

Jacobs, A. (1993) *Great Streets*, MIT Press, Cambridge.

Jacobs, A. (1961) *The Death and Life of Great American Cities*, Random House, New York.

Jacobs, A., E. MacDonald and Y. Rofé (2002) *The Boulevard Book*, MIT Press, Cambridge.

Janssens, D., A.-U.-H. Yasar and L. Knapen (eds.) (2014) *Data Science and Simulation in Transportation Research*, IGI Global, Hershey.

Jensen-Butler, C., B. Sloth, M. M. Larsen, B. Madsen and O. A. Nielsen (eds.) (2006) *Road Pricing, the Economy and the Environment*, Advances in Spatial Science, Springer, Berlin.

Jones, P. M. (ed.) (1990) *Developments in Dynamic and Activity-Based Approaches to Travel Analysis*, Avebury, Aldershot.

Jones, P. M., M. C. Dix, M. I. Clarke and I. G. Heggie (1983) *Understanding Travel Behaviour*, Gower, Aldershot.

- Jungermann, H., H.-R. Pfister and K. Fischer (2005) *Die Psychologie der Entscheidung*, Elsevier, Munich.
- Kagermeier, A., T. J. Mager and T. W. Zängler (eds.) (2002) *Mobilitätskonzepte in Ballungsräumen*, vol. 2 of *Studien zur Mobilitäts- und Verkehrsforschung*, Verlag MetaGIS Infosysteme, Mannheim.
- Kanskey, K. (ed.) (1969) *Structure of Transportation Networks: Relationships between Network Geometry and Regional Characteristics*, University of Chicago, Chicago.
- Karp, R. M. (ed.) (1974) *Complexity of Computation*, Society for Industrial and Applied Mathematics (SIAM), Providence.
- Karlqvist, A. (ed.) (1978) *Spatial Interaction Theory and Residential Location*, North-Holland, Amsterdam.
- Kaspar, C., C. Lässer and T. Bieger (eds.) (2001) *Jahrbuch 2000/2001 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Katenkamp, O., R. Kopp and A. Schröder (eds.) (2003) *Praxishandbuch: Empirische Sozialforschung*, Lit Verlag, Munster.
- Kaufmann, M. and D. Wagner (eds.) (2001) *Drawing Graphs*, Springer, Berlin.
- Kelly, G. A. (1955) *The Psychology of Personal Constructs*, Norton, New York.
- Kinderlehrer, D. and G. Stampacchia (1980) *An Introduction to Variational Inequalities and Their Applications*, Academic Press, New York.
- Kirchhoff, P. (2002) *Städtische Verkehrsplanung - Konzepte, Verfahren, Massnahmen*, B. G. Teubner, Stuttgart, Leipzig, Wiesbaden.
- Kitamura, R. (ed.) (2009) *The Expanding Sphere of Travel Behaviour Research: Selected Papers from the 11th International Conference on Travel Behaviour Research*, Emerald, Bingley.
- Kitamura, R. and M. Kuwahara (eds.) (2005) *Simulation Approaches in Transportation Analysis: Recent Advances and Challenges*, Springer, New York.
- Kitchin, R. and N. Thrift (eds.) (2009) *International Encyclopedia of Human Geography*, Elsevier, Oxford.
- Kleijnen, J. P. C. (2008) *Design and Analysis of Simulation Experiments*, Springer, New York.
- Klein, H.-J. (2007) *Versuchsplanung DoE - Einführung in die Taguchi/Shainin-Methodik*, Oldenbourg, Munich.
- Klemme, M. and K. Selle (eds.) (forthcoming) *Siedlungsflächen entwickeln*, Verlag Dorothea Rohn, Detmold.

- Klemme, M. and K. Selle (eds.) (2010) *Siedlungsflächen entwickeln*, Verlag Dorothea Rohn, Detmold.
- Kleppmann, W. (2008) *Taschenbuch Versuchsplanung - Produkte und Prozesse optimieren*, Carl Hanser Verlag, Munich, Vienna.
- Klingsch, W. W. F., C. Rogsch, A. Schadschneider and M. Schreckenberg (eds.) (2008) *Pedestrian and Evacuation Dynamics 2008*, Springer, Heidelberg.
- Klingsch, W. W. F., C. Rogsch, A. Schadschneider and M. Schreckenberg (eds.) (2010) *Pedestrian and Evacuation Dynamics 2010*, Springer, Heidelberg.
- Klügl, F. (2001) *Multiagentensimulation - Konzepte, Werkzeuge, Anwendung*, Addison-Wesley, Munich.
- Klügl, F., A. L. C. Bazzan and S. Ossowski (eds.) (2005) *Applications of Agent Technology in Traffic and Transportation*, Birkhäuser, Basel.
- Koll-Schretzenmayr, M., M. Keiner and G. Nussbaumer (eds.) (2004) *The Real and Virtual Worlds of Spatial Planning*, Springer, Heidelberg.
- Korda, M. (2005) *Städtebau - Technische Grundlagen*, B. G. Teubner, Stuttgart, Leipzig, Wiesbaden.
- Kotz, S., N. L. Johnson and C. B. Read (eds.) (1985) *Encyclopedia of Statistical Sciences*, vol. 5, John Wiley, New York.
- Kowald, M. and K. W. Axhausen (eds.) (2015) *Social Networks and Travel Behaviour*, Ashgate, Burlington.
- Koza, J. R. (1994) *Genetic Programming II: Automatic Discovery of Reusable Programs*, MIT Press, Cambridge.
- Koza, J. R. (1992) *Genetic Programming: On the Programming of Computers by Means of Natural Selection*, MIT Press, Cambridge.
- Kramer, U. and M. Neculau (1996) *Simulationstechnik*, Carl Hanser Verlag, Munich, Vienna.
- Kroeber-Riel, W. and P. Weinberg (2003) *Konsumentenverhalten*, 8. edn., Verlag Vahlen, Munich.
- Krüger, G. (2004) *Handbuch der Java-Programmierung*, 4. edn., Addison-Wesley, Munich.
- Kuzmyak, J. R. (ed.) (2003) *Traveler Response to Transportation System Changes*, vol. 95 of *Transit Cooperative Research Program Report (TCRP)*, Transportation Research Board, Washington, D.C.
- Labbé, M., G. Laporte, K. Tanczos and P. L. Toint (eds.) (1998) *Operations Research and*



*Decision Aid Methodologies in Traffic and Transportation Management*, vol. 166 of NATO ASI Series F: Computer and Systems Sciences, Springer, Berlin.

Lampugnani, V. M. (2010) *Die Stadt im 20. Jahrhundert*, Klaus Wagenbach, Berlin.

Larice, M. and E. MacDonald (eds.) (2007) *The Urban Design Reader*, Routledge, London.

Laumann, E. O. (ed.) (1973) *Bonds of Pluralism: The Form and Substance of Urban Social Networks*, John Wiley, John Wiley.

Lawler, E. L. (1976) *Combinatorial Optimization: Networks and Matroids*, Holt, Rinehart & Winston, New York.

Leach, J. (1994) *Survival Psychology*, Macmillan Press, Basingstoke.

LeCorbusier (1955) *Oeuvre Complete*, Editions Girsberger, Zurich.

Lehnerer, A. (2009) *Grand Urban Rules*, NAI010 Publishers, Rotterdam.

Lesort, J. B. (ed.) (1996) *Proceedings of the 13th International Symposium on Transportation and Traffic Theory*, Pergamon Press, Oxford.

Leidl, R. and A. K. Hartmann (eds.) (2011) *Modern Computational Science 11: Simulation of Extreme Events. Lecture Notes from the 3rd International Summer School Oldenburg, August 15-26, 2011*, BIS-Verlag, Oldenburg.

Lennon, J. J. (2003) *Tourism Statistics: International Perspectives and Current Issues*, Continuum.

Leontief, W. W. (ed.) (1986) *Input-Output Economics*, 2. edn., Oxford University Press.

Levin, J. and J. A. Fox (2003) *Elementary Statistics in Social Research*, Allyn and Bacon, Boston.

Liamputtong, P. (2009) *Qualitative Research Methods*, Oxford, New York.

Liebl, F. (1995) *Simulation - Problemorientierte Einführung*, Oldenbourg, Munich, Vienna.

Litman, T. A. (2011) *Transportation Cost and Benefit Analysis*, Victoria Transport Policy Institute, Victoria.

Little, R. J. A. and D. B. Rubin (2002) *Statistical analysis with missing data*, John Wiley & Sons, Hoboken.

Liu, H., J. J. Salermo and M. J. Young (eds.) (2008) *Social Computing, Behavioral Modeling, and Prediction*, Springer.

Lobo, F., C. Lima and Z. Michalewicz (eds.) (2007) *Parameter Setting in Evolutionary Algorithms*, vol. 54 of *Studies in Computational Intelligence*, Springer.

- Löchl, M., S. Schönfelder, R. Schlich, T. Buhl, P. Widmer and K. W. Axhausen (2005) *Untersuchung der Stabilität des Verkehrsverhaltens*, 1120, Eidgenössisches Departement für Umwelt, Verkehr, Energie und Kommunikation, Berne.
- Lohse, D. and R. Schneider (1997) *Vergleichende Untersuchungen der aggregierten und disaggregierten Verkehrsplanungsmodelle*, vol. 3 of *Schriftenreihe*, Technical University Dresden, Institute for Transportation Planning and Traffic, Dresden.
- Lord, E. A. and C. B. Wilson (1984) *The Mathematical Description of Shape and Form*, John Wiley & Sons, New York.
- Louviere, J. J., D. A. Hensher and J. D. Swait (2000) *Stated Choice Methods - Analysis and Application*, Cambridge University Press, Cambridge.
- Lumley, T. (2010) *Complex surveys: A guide to analysis using R*, vol. 565, John Wiley & Sons, Hoboken.
- Lundqvist, L. and L.-G. Mattsson (eds.) (2001) *National Transport Models: Recent Developments and Prospects*, Advances in Spatial Science, Springer, Stockholm.
- Lynch, K. (1960) *The Image of the City*, MIT Press, Cambridge.
- Lynch, K. (1981) *A Theory of Good City Form*, MIT Press, Cambridge.
- Lynch, K. (2001) *Good City Form*, MIT Press, Cambridge.
- MacKay, D. J. C. (2009) *Sustainable Energy - without the hot air*, UIT Cambridge Ltd., Cambridge.
- MacNair, E. A., K. J. Musselman and P. Heidelberger (eds.) (1989) *WSC '89: Proceedings of the 21st Conference on Winter Simulation*, Association for Computing Machinery, New York.
- Mahmassani, H. S. (ed.) (2002) *In Perpetual Motion: Travel Behavior Research Opportunities and Application Challenges*, Elsevier, Oxford.
- Mahmassani, H. S. (ed.) (2005) *Flow, Dynamics and Human Interaction - Proceedings of the 16th International Symposium on Transportation and Traffic Theory*, Elsevier, Oxford.
- Maier, G. and F. Toedtling (2006) *Regional- und Stadtökonomik 1: Standorttheorie und Raumstruktur*, Springer, Vienna, New York.
- Mallard, G. and S. Glaister (2008) *Transport Economics: Theory, Application and Policy*, Palgrave Macmillan, Basingstoke.
- March, L. (ed.) (1976) *The Architecture of Forms*, Cambridge University Press, London.
- Markin, L. and L. March (eds.) (1972) *Urban Space and Structures*, Cambridge University Press, London.

- Marcotte, P. and S. Nguyen (eds.) (1998) *Equilibrium and Advanced Transportation Modeling*, Kluwer, Dordrecht.
- Marshall, S. (2005) *Streets and Patterns*, Spon Press, London.
- Marzluff, J. M., E. Shulenberger, W. Endlicher, M. Alberti, G. Bradlay, C. Ryan, U. Simon and C. ZumBrunnen (eds.) (2008) *Urban Ecology*, Springer, New York.
- Mavronicolas, M. and V. G. Papadopoulou (eds.) (2009) *Algorithmic Game Theory*, vol. 5814 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Mayring, P. (2002) *Einführung in die qualitative Sozialforschung*, Beltz, Weinheim.
- Mayring, P. (2008) *Qualitative Inhaltsanalyse: Grundlagen und Techniken*, Beltz, Weinheim.
- Meersman, H., E. van de Voorde and W. Winkelmanns (eds.) (1999) *World Transport Research*, vol. 1, Pergamon Press, Oxford.
- Meersman, H., E. van de Voorde and W. Winkelmanns (eds.) (1999) *World Transport Research*, vol. 2, Pergamon Press, Oxford.
- Meersman, H., E. van de Voorde and W. Winkelmanns (eds.) (1999) *World Transport Research*, vol. 3, Pergamon Press, Oxford.
- Meersman, H., E. van de Voorde and W. Winkelmanns (eds.) (1999) *World Transport Research*, vol. 4, Pergamon Press, Oxford.
- Mertsching, B., M. Hund and Z. Aziz (eds.) (2009) *KI 2009: Advances in Artificial Intelligence - 32nd Annual German Conference on AI, Paderborn, Germany, September 15-18, 2009, Proceedings*, Springer, Berlin.
- Meyer, M. D. and E. J. Miller (2001) *Urban Transportation Planning*, 2. edn., McGraw-Hill, Singapore.
- Michalewicz, Z. and D. B. Fogel (2004) *How to Solve It: Modern Heuristics*, Springer, Heidelberg.
- Michie, D. (1974) *On Machine Intelligence*, Edinburgh University Press, Edinburgh.
- Mikoleit, A. and A. Puerckhauer (2011) *Urban Code*, GTA Verlag, Zurich.
- Millan, P. C. and V. Inglada (eds.) (2007) *Essays on Transportation Economics*, Springer, Heidelberg.
- Millard-Ball, A., G. Murray, J. t. Schure, C. Fox and J. Burkhardt (eds.) (2005) *Car-Sharing: Where and How It Succeeds*, vol. 108 of *Transit Cooperative Research Program Report (TCRP)*, Transportation Research Board, Washington, D.C.
- Miller, A. and E. Lupton (2005) *swarm*, The Fabric Workshop and Museum, Philadelphia.

- Mitchell, R. and C. Rapkin (1954) *Urban Traffic: A Function of Land Use*, Columbia University Press, New York.
- Mitchell, W. J. (1990) *The Logic of Architecture: Design, Computation, and Cognition*, MIT Press, Cambridge.
- Mölthen, J. and A. Wytzisk (eds.) (2002) *GI-Technologien für Verkehr und Logistik - IfGI*, vol. 13, IfGI prints, Institut für Geoinformatik, Munster.
- Morsch, O. (2005) *Sandburgen, Staus und Seifenblasen*, Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim.
- Murray, T. and T. Grubestic (eds.) (2007) *Critical Infrastructure: Reliability and Vulnerability*, Springer, Berlin.
- Nagurney, A. (1993) *Network Economics: A Variational Inequality Approach*, Kluwer, Dordrecht.
- Nagurney, A. and D. Zhang (1996) *Projected Dynamical Systems and Variational Inequalities With Applications*, Kluwer, Boston.
- Newman, M. E. J. and G. T. Barkema (1999) *Monte Carlo Methods in Statistical Physics*, Oxford University Press, Oxford.
- Nievergelt, J. and K. H. Hinrichs (1993) *Algorithms and Data Structures: With Applications to Graphics and Geometry*, Prentice Hall, Upper Saddle River.
- Nikoletseas, S. (ed.) (2005) *Experimental and Efficient Algorithms*, vol. 3503 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Nisan, N., T. Roughgarden, É. Tardos and V. V. Vazirani (eds.) (2007) *Algorithmic Game Theory*, Cambridge University Press, Cambridge.
- National Research Council (1991) *Improving Information for Social Policy Decisions: The Uses of Microsimulation Modeling*, vol. I: Review and Recommendations, National Academy Press, Washington, D.C.
- National Research Council (2008) *Potential Impacts of Climate Change on U.S. Transportation*, Transportation Research Board, Washington, D.C.
- Nuzzolo, A., F. Russo and U. Crisalli (2003) *Transit network modelling. The schedule-based dynamic approach*, Collana Transporti, Franco Angeli, Milan.
- ODPM (2003) *Sustainable Communities: Building for the Future*, Office of the Deputy Prime Minister, London.
- OECD (ed.) (2014) *Vers des comportements plus environnementaux: Vue d'ensemble de l'enquête 2011*, OECD Publishing, Paris.

- OECD (ed.) (2011) *Greening Household Behaviour: The Role of Public Policy*, OECD Publishing.
- OECD (ed.) (2013) *Greening Household Behaviour: Overview from the 2011 Survey*, OECD Publishing, Paris.
- Ohnmacht, T., H. Maksim and M. Bergmann (eds.) (2009) *Mobilities and Inequalities*, Ashgate, Farnham.
- Oi, W. Y. and P. W. Shuldiner (1962) *An Analysis of Urban Travel Demands*, Northwestern University Press, Evanston.
- Olukotun, K., L. Hammond and J. Laudon (eds.) (2007) *Chip Multiprocessor Architecture: Techniques to Improve Throughput and Latency*, vol. 3 of *Synthesis Lectures on Computer Architecture*, Morgan and Claypool Publishers.
- Openshaw, S. (1984) *The Modifiable Areal Unit Problem*, Geo Books, Norwich.
- Orme, B. (2010) *Getting Started with Conjoint analysis: Strategies for Product Design and Pricing Research*, 2. edn., Research Publishers LLC, Madison.
- Ortúzar, J. d. D. and L. G. Willumsen (2001) *Modelling Transport*, 3rd edn., John Wiley & Sons, Chichester.
- Ortúzar, J. d. D. and L. G. Willumsen (2011) *Modelling Transport*, 4th edn., John Wiley & Sons, Chichester.
- O'Sullivan, T. and K. Gibb (eds.) (2003) *Housing Economics and Public Policy*, Blackwell Science.
- Pagliara, F., J. Preston and D. Simmonds (eds.) (2010) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, Springer, Berlin.
- Papageorgiou, M. (1996) *Optimierung - Statische, dynamische, stochastische Verfahren für die Anwendung*, Oldenbourg, Munich, Vienna.
- Papageorgiou, M. (ed.) (1991) *Concise Encyclopedia of Traffic and Transportation Systems*, Pergamon Press, Oxford.
- Papula, L. (1991) *Mathematik für Ingenieure I*, 6. edn., Vieweg, Braunschweig.
- Pardalos, P. M. (ed.) (forthcoming) *Future City Architecture for Optimal Living*, Springer.
- Parry, M. L., O. F. Canziani, J. P. Palutikof, P. J. van der Linden and C. E. Hanson (eds.) (2007) *Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, Cambridge University Press, Cambridge.
- Patriksson, M. (1994) *The Traffic Assignment Problem, Models and Methods*, VSP, Utrecht.

- Pendyala, R. M. and C. R. Bhat (eds.) (2012) *Travel Behaviour Research in an Evolving World*, International Association for Travel Behaviour Research.
- Pendyala, R. M., K. P. Christian and K. C. Konduri (2011) *PopGen 1.1 User's Guide*, Lulu Publishers, Raleigh, North Carolina.
- Petersen, M. (1995) *Ökonomische Analyse des Car-Sharing*, Gabler Verlag.
- Perry, R. W. (1981) *Citizen Evacuation in Response to Nuclear and Nonnuclear Threats*, Battelle Human Affairs Research Centers.
- Perry, R. W. (1985) *Comprehensive emergency management: evacuating threatened populations*, JAI Press, Greenwich.
- Perry, R. W. and A. H. Mushkatel (1984) *Disaster Management: Warning Response and Community Relocation*, Quorum Books, Westport.
- Peter, B. A., J. S. Smith, D. J. Medeiros and M. W. Rohrer (eds.) (2001) *WSC '01: Proceedings of the 33rd Conference on Winter Simulation*, IEEE Computer Society, Washington, D.C.
- Pfriem, R., R. Antes, K. Fichter, M. Müller, N. Paech, S. A. Seuring and B. Siebenhüner (eds.) (2006) *Innovationen für eine nachhaltige Entwicklung*, Deutscher Universitätsverlag, Wiesbaden.
- Phang, S.-Y. (1992) *Housing Markets and Urban Transportation: Economic Theory, Econometrics and Policy Analysis for Singapore*, McGraw-Hill, Singapore.
- Pigou, A. C. (1920) *The Economics of Welfare*, Macmillan and Co., London.
- Pitfield, D. (ed.) (1984) *Discrete Choice Models in Regional Science*, Pion, London.
- Predtechenskii, V. M. and R. A. I. Milinskii (1978) *Planning for Foot Traffic in Buildings*, Amerind, New Dehli.
- Press, W. H., S. A. Teukolsky, W. T. Vetterling and B. P. Flannery (2007) *Numerical Recipes: The Art of Scientific Computing*, 3. edn., Cambridge University Press, Cambridge.
- Prusinkiewicz, P. and A. Lindenmayer (1996) *The Algorithmic Beauty of Plants*, Springer, New York.
- Quarantelli, E. L. (1980) *Evacuation behavior and problems: findings and implications from the research literature*, Disaster Research Center, Ohio State University, Columbus.
- Quinet, E. and R. W. Vickerman (2004) *Principles of Transport Economics*, Edward Elgar, Cheltenham.
- Ralston, A., E. D. Reilly and D. Hemmendinger (eds.) (2000) *Encyclopedia of Computer Science*, 4. edn., Nature Publishing Group, London.

- Raubal, M., A. Sliwinski and W. Kuhn (eds.) (2004) *Geoinformation und Mobilität - von der Forschung zur praktischen Anwendung*, IfGI prints, Institut für Geoinformatik, Munster.
- Rassia, S. T. and P. M. Pardalos (eds.) (2015) *Future City Architecture for Optimal Living*, Springer, New York.
- Regierungsrat des Kantons Basel-Landschaft (1987) *Bericht des Regierungsrates an den Landrat zur Katastrophe Schweizerhalle*, vol. 7 of *Recht und Politik im Kanton Basel-Landschaft*, Verlag des Kantons Basel-Landschaft, Liestal.
- Reilly, W. J. (1931) *The Law of Retail Gravitation*, Knickerbocker Press, New York.
- Rennard, J.-P. (ed.) (2007) *Handbook of Research on Nature Inspired Computing for Economy and Management*, IGI Global, Hershey.
- Ricardo, D. (1817) *The Principles of Political Economy and Taxation*, John Murray, London.
- Richardson, H. W. and C.-H. C. Bae (eds.) (2008) *Road Congestion Pricing In Europe: Implications for the United States*, Edward Elgar, Northampton.
- Richardson, A. J., E. S. Ampt and A. H. Meyburg (eds.) (1995) *Survey Methods for Transport Planning*, Eucalyptus Press, Melbourne.
- Richter, K. and J.-M. Rost (2004) *Komplexe Systeme*, Fischer Taschenbuch Verlag, Frankfurt.
- Rietveld, P., B. Jourquin and K. Westin (eds.) (2006) *Towards Better Performing Transport Networks*, Routledge, London.
- Robinson, S. (2004) *Simulation: The Practice of Model Development and Use*, John Wiley & Sons, Chichester.
- Rogers, E. M. (1962) *Diffusion of Innovations*, Free Press, a division of Macmillan Publishing Company.
- Rogers, E. M. (2010) *Diffusion of Innovations*, Simon & Schuster.
- Roorda, M. J. and E. J. Miller (eds.) (2013) *Travel Behaviour Research: Current Foundations, Future Prospects*, Lulu Press Center.
- Roorda, M. J. and E. J. Miller (eds.) (forthcoming) *Transport simulations: Knowledge levels and system outcomes*, Lulu Press Center.
- Rosen, S. (ed.) (1981) *Studies in labor markets*, vol. 31, University of Chicago Press.
- Roess, R. P., E. S. Prassas and W. R. McShane (2011) *Traffic Engineering*, Prentice Hall, Boston.
- Rossi, P. H. (1980) *Why families move*, 2. edn., SAGE Publications, Beverly Hills, California.

- Rozenberg, G. and A. Salomaa (1980) *The mathematical Theory of L Systems*, Academic Press, New York.
- Rozenberg, G., T. Bäck and J. N. Kok (eds.) (2012) *Handbook of Natural Computing*, Springer, Heidelberg.
- Rubin, D. B. (1987) *Multiple Imputation for Nonresponse in Surveys*, John Wiley & Sons, New York.
- Russell, S. J. and P. Norvig (eds.) (1995) *Artificial Intelligence: A Modern Approach*, Prentice Hall, Upper Saddle River.
- Sadek, A. W. (ed.) (2007) *Artificial Intelligence in Transportation: Information for Application*, no. E-C113 in Transportation Research Circular, Transportation Research Board, Washington, D.C.
- Sakamoto, Y. and G. Kitagawa (eds.) (1987) *Akaike information criterion statistics*, Kluwer, Norwell.
- Salcido, A. (ed.) (2011) *Cellular Automata - Simplicity Behind Complexity*, Intechopen, Rijeka.
- Saleh, W. and G. Sammer (eds.) (2009) *Road User Pricing: the Success and Failure of Travel Demand Management*, Ashgate, Aldershot.
- Saltelli, A., M. Ratto, T. Andres, F. Campolongo, J. Cariboni, D. Gatelli, M. Saisana and S. Tarantola (2008) *Global Sensitivity Analysis: The Primer*, John Wiley & Sons, Chichester.
- Sankoff, D. and J. B. Kruskal (eds.) (1983) *Time Warps, String Edits and Macromolecules: The Theory and Practice of Sequence Comparison*, Addison-Wesley, London.
- Schadschneider, A., T. Pöschel, R. Kühne, M. Schreckenberg and D. E. Wolf (eds.) (2005) *Traffic and Granular Flow'05*, Springer, Berlin.
- Kurauchi, F. and J.-D. Schmöcker (eds.) (forthcoming) *Public Transport Planning with Smart Card Data*, CRC Press, Boca Raton.
- Schnabel, W. and D. Lohse (1997) *Verkehrsplanung*, 2. edn., vol. 2 of *Grundlagen der Straßenverkehrstechnik und der Verkehrsplanung*, Verlag für Bauwesen, Berlin.
- Schönfelder, S. and K. W. Axhausen (2010) *Urban Rhythms and Travel Behaviour*, Ashgate, Farnham.
- Schöller, O., W. Canzler and A. Knie (eds.) (2007) *Handbuch Verkehrspolitik*, Springer.
- Scholz, G. and J. Scholz (2004) *Die Verkehrsnachfrage - Ein multistabiles System*, Books on Demand.



- Schreckenberg, M. and R. Selten (eds.) (2004) *Human Behaviour and Traffic Networks*, Springer, Berlin.
- Schuckel, M. and W. Toporowski (eds.) (2007) *Theoretische Fundierung und praktische Relevanz der Handelsforschung*, Springer, Heidelberg.
- Siegel, H. J. (ed.) (1994) *Proceedings of the 8th International Symposium on Parallel Processing*, IEEE Computer Society, Washington, D.C.
- Silverman, D. (2001) *Interpreting Qualitative Data. Methods for Analysing Talk, Text and Interaction*, SAGE Publications, London.
- Silverman, B. (1986) *Density estimation for statistics and data analysis*, Monographs on Statistics and Applied Probability, Chapman & Hall, London.
- Sheffi, Y. (1985) *Urban Transportation Networks: Equilibrium Analysis with Mathematical Programming Methods*, Prentice Hall, Englewood Cliffs.
- Shiftan, Y., K. J. Button and P. Nijkamp (eds.) (2007) *Transportation Planning*, vol. 7 of *Classics in Planning*, Edward Elgar, Cheltenham.
- Shoup, D. (2005) *The High Cost of Free Parking*, Planners Press, Chicago.
- Sigua, R. G. (2008) *Fundamentals of traffic engineering*, University of the Philippines Press, Quezon City.
- Simon, P. M. (1950) *Administrative Behavior*, Macmillan Press, New York.
- Sivanandam, S. and S. Deepa (2008) *Introduction to Genetic Algorithms*, Springer, Berlin.
- Small, K. (1992) *Urban Transportation Economics*, Harwood Academic Publishers, Philadelphia.
- Small, K. A. and E. T. Verhoef (2007) *The Economics of Urban Transportation*, Routledge, Abingdon.
- Smith, J. M. (ed.) (2009) *Proceedings of the 31st International Conference on Coastal Engineering 2008*, World Scientific, Hamburg.
- Solla, S., T. Leen and K. R. Müller (eds.) (2000) *Advances in Neural Information Processing Systems 12*, MIT Press, Boston.
- Solomon, M. R. (2009) *Consumer Behavior*, Pearson Prentice Hall, Upper Saddle River.
- Sokolowski, J. A. and C. M. Banks (eds.) (2010) *Verification, Validation, and Accreditation, in Modeling and Simulation Fundamentals: Theoretical Underpinnings and Practical Domains*, John Wiley & Sons, Hoboken.
- Sonar, T. (2001) *Angewandte Mathematik, Modellbildung und Informatik: Eine Einführung*

*für Lehramtsstudenten, Lehrer und Schüler*, Vieweg, Braunschweig, Wiesbaden.

Sorkin, M. (1993) *Local Code: The Constitution of a City at 42 N Latitude*, Princeton Architectural Press, New York.

Southworth, M. and E. Ben-Joseph (2003) *Streets and the Shaping of Towns and Cities*, Island Press, Washington, D.C.

Spacek, P. (2009) *Entwurf von Strassen - Grundzüge*, Bern University of Applied Science, Berne.

Speck, J. (2012) *Walkable City: How Downtown Can Save America, One Step At A Time*, Farrar Strauss & Giroux, New York.

Speed, T. (ed.) (2003) *Statistical Analysis of Gene Expression Microarray Data*, Chapman & Hall/CRC, Boca Raton.

Stahel, W. A. (2009) *Statistische Datenanalyse. Eine Einführung für Naturwissenschaftler*, Vieweg, Wiesbaden.

Chang, P. C. (ed.) (2001) *Structures 2001 – A Structural Engineering Odyssey*, Structural Engineering Institute of ASCE, Washington, D.C.

Stone, A. A., C. A. Bachrach, J. B. Jobe, H. S. Kurtzman and V. S. Cain (eds.) (1999) *The Science of Self-report: Implications for Research and Practice*, Psychology Press, East Sussex.

Stopher, P. R. and P. M. Jones (eds.) (2003) *Transport Survey Quality and Innovation*, Pergamon Press, Oxford.

Stopher, P. R. and M. E. H. Lee-Gosselin (eds.) (1997) *Understanding Travel Behaviour in an Era of Change*, Pergamon Press, Oxford.

Stopher, P. R. and A. H. Meyburg (1976) *Transportation System Evaluation*, Lexington Books, Lexington.

Stopher, P. R. and C. C. Stecher (eds.) (2006) *Travel Survey Methods - Quality and Future Directions*, Elsevier, Oxford.

Stein, D. L. (ed.) (1989) *Lectures in the Sciences of Complexity*, vol. 1 of *Santa Fe Institute Studies in the Sciences of Complexity*, Addison-Wesley, Redwood City.

Stern, E., I. Salomon and P. H. L. Bovy (eds.) (2002) *Travel Behaviour: Patterns, Implications and Modelling*, Edward Elgar, Cheltenham.

Stiny, G. N. (2000) *Shape*, MIT Press, Cambridge.

Stroustrup, B. (2000) *Die C++ Programmiersprache*, 4. edn., Addison-Wesley, Munich.

Studenmund, A. H. (2006) *Using econometrics: a practical guide*, 5. edn., Addison-Wesley,

Boston.

Stübgen, H. J. (1907) *Der Städtebau*, Alfred Kröner Verlag, Stuttgart.

Sumpter, D. J. T. (2010) *Collective Animal Behavior*, Princeton University Press, New Jersey.

Sun, D. (ed.) (2006) *Cognition and Multi-Agent Interaction: From Cognitive Modeling to Social Simulation*, Cambridge University Press, Cambridge.

Sutton, R. S. and A. G. Barto (1998) *Reinforcement Learning: An Introduction*, MIT Press, Cambridge.

Swee Yong, K. (2011) *Real Estate Riches: Understanding Singapore's property market in a volatile economy*, Marshall Cavendish Business, Singapore.

Tampère, C. M. J., F. Viti and L. Benner (eds.) (2010) *New Developments in Transport Planning: Advances in Dynamic Traffic Assignment*, Edward Elgar, Cheltenham.

Thünen, J. H. (1910) *Der isolierte Staat in Beziehung auf Landwirtschaft und Nationalökonomie*, Jona, Berlin.

Tilly, C. (1992) *Coercion, Capital and European States, AD 990-1992*, Blackwell, Oxford.

Timmermans, H. J. P. (ed.) (2005) *Progress in Activity-Based Analysis*, Elsevier, Oxford.

Train, K. E. (2003) *Discrete Choice Methods with Simulation*, Cambridge University Press, New York.

Train, K. E. (1986) *Qualitative Choice Analysis: Theory, Econometrics, and an Application to Automobile Demand*, MIT Press, Cambridge.

Trischler, F. (2014) *Erwerbsverlauf, Altersübergang, Alterssicherung*, Springer, Wiesbaden.

Thust, M. (1999) *Simultane Verkehrsmittelwahl, -verteilung und -umlegung mittels hierarchischer Logitmodelle unter Einhaltung von Strassenkapazitäten*, Verlag für Wiss. und Forschung, Berlin.

Tschopp, M., S. Beige and K. W. Axhausen (2010) *Verkehrssystem, Touristenverhalten und Raumstruktur in alpinen Landschaften*, vdf Hochschulverlag AG an der ETH Zürich, Zurich.

Tufte, E. (2003) *The Cognitive Style of PowerPoint*, Graphics Press, Cheshire.

Underhill, P. (1999) *Why we buy*, Simon & Schuster Paperbacks, New York.

Underhill, P. (2004) *Call of the Mall*, Simon & Schuster Paperbacks, New York.

Vandenbroucke, D., B. Bucher and J. Cromptvoets (eds.) (2013) *Geographic Information Science at the Heart of Europe*, Springer, Cham.

- van Leeuwen, J. P. and H. J. P. Timmermans (eds.) (2006) *Innovations in Design & Decision Support Systems in Architecture and Urban Planning*, Springer, Eindhoven.
- Vanoutrive, T. and A. Verhetsel (eds.) (2013) *Smart Transport Networks: Decision Making, Sustainability and Market structure*, NECTAR Series on Transportation and Communications Networks Research, Edward Elgar Publishing Ltd, Cheltham.
- van Wissen, L. J. and P. A. Dijkstra (eds.) (1999) *Population Issues: An Interdisciplinary Focus*, Springer, Berlin.
- Varian, H. R. (2004) *Grundzüge der Mikroökonomik*, 6. edn., Oldenbourg, Munich.
- Vaughan, R. J. (1987) *Urban Spatial Traffic Patterns*, Pion, London.
- Viry, G. and V. Kaufmann (2015) *High Mobility in Europe*, Palgrave Macmillan, London.
- Vollmer, C. (ed.) (2005) *Theorien zur Emergenz*, Grin-Verlag für akademische Texte, Munich.
- Volmuller, J. and R. Hamerslag (eds.) (1984) *Proceedings of the Ninth International Symposium on Transportation and Traffic Theory*, VNU Science Press, Utrecht.
- von Neumann, J. and O. Morgenstern (eds.) (1944) *Theory of Games and Economic Behavior*, Princeton University Press, Princeton.
- Willeke, R., F. Ollick and K. D. Zebisch (1979) *Nutzen-Kosten-Analysen für Investitionen im öffentlichen Personennahverkehr: Methoden und Ergebnisse der Standardisierten Bewertung*, Verkehrs-Verlag J. Fischer, Dusseldorf.
- Weiner, E. (2008) *Urban Transportation Planning in the United States*, 3. edn., Springer, New York.
- Lam, W. H. K. and M. G. H. Bell (eds.) (2003) *Advanced Modeling for Transit Operations and Service Planning*, Pergamon Press, Oxford.
- von Thunen, J. H. (1826) *Der isolierte Staat in beziehung auf Landwirtschaft und Nationalökonomie*, Gustav Fisher, Stuttgart. English edition: *The isolated state* (trans: Wartenburg CM (1966), edited by Hall P), Pergamon Press, Oxford.
- World Bank (2009) *Reshaping Economic Geography*, World Bank, Washington, D.C.
- WCTRS (ed.) (1989) *Transport Policy, Management and Technology towards 2001: Selected Proceedings of the 5th World Conference on Transport Research*, Western Periodicals, Ventura.
- Webster, F. V. (1958) *Traffic signal settings*, Her Majesty's Stationery Office, London.
- Wilson, A. G. (1970) *Entropy in Urban and Regional Modelling*, Pion, London.
- Wilson, N. H. M. and A. Nuzzolo (eds.) (2004) *Schedule-based Dynamic Transit Modeling: Theory and Applications*, Kluwer, Dordrecht.

- Wilson, N. H. M. and A. Nuzzolo (eds.) (2009) *Schedule-Based Modeling of Transportation Networks: Theory and Applications*, Springer, New York.
- Winston, G. C. (1982) *The Timing of Economic Activities*, Cambridge University Press, Cambridge.
- Wöhe, G. (2002) *Einführung in die Allgemeine Betriebswirtschaftslehre*, Verlag Vahlen, Munich.
- Wolfram, S. (2002) *A New Kind of Science*, Wolfram Media, Champaign Ill.
- Woodworth, R. S. (1958) *Dynamics of behavior*, Holt, Rinehart & Winston, New York.
- Wooldridge, M. (2000) *Reasoning about Rational Agents*, MIT Press, Cambridge.
- Wooldridge, M. (2009) *An Introduction to MultiAgent Systems*, John Wiley & Sons, West Sussex.
- Xie, F. and D. Levinson (2011) *Evolving Transportation Networks*, Springer, New York.
- Yang, J. (ed.) (2011) *Biometrics*, InTech, Shanghai.
- Yuhua, L. (ed.) (2008) *Cooperative Design, Visualization, and Engineering*, vol. 5220 of *Lecture Notes in Computer Science*, Springer, Berlin.
- Zängler, T. W. (2000) *Mikroanalyse des Mobilitätsverhaltens in Alltag und Freizeit*, Springer, Berlin.
- Zarembka, P. (ed.) (1974) *Frontiers in Econometrics*, Academic Press, New York.
- Zelinsky, W. and L. A. Kosiński (1991) *The Emergency Evacuation of Cities: A Cross-national Historical and Geographical Study*, Rowman & Littlefield, Maryland.
- Zhao, Y. (1997) *Vehicle Location and Navigation Systems*, Artech House, Boston.
- Zheng, Y. and X. Zhou (eds.) (2011) *Computing with Spatial Trajectories*, Springer, New York.
- Ziliak, S. T. and D. N. McCloskey (2006) *The Cult of Statistical Significance: How the Standard Error Costs Us Jobs, Justice, and Lives*, The University of Michigan Press, Ann Arbor.
- Zimmermann, H.-J. (2008) *Operations Research*, Vieweg, Wiesbaden.
- Zmud, J., M. E. H. Lee-Gosselin, M. A. Munizaga and J. A. Carrasco (eds.) (2013) *Transport Survey Methods: Best Practice for Decision Making*, Emerald, Bingley.
- Zomaya, A. Y. H. (ed.) (1996) *Parallel and Distributed Computing Handbook*, McGraw-Hill, New York.
- ARTICLE-AUTHOR (0000) TITLE, *JOURNAL*, **volume** (number) pages.

ARTICLE-AUTHOR (0001) An article with all information, *Transportation Research Record*, **987** (6) 54–321.

ARTICLE-AUTHOR (0002) An article with no number, *Transportation Research Record*, **987**, 54–321.

ARTICLE-AUTHOR (0002) The minimal version of an article, *Transportation Research Record*.

ARTICLE-AUTHOR (forthcoming) An article which is going to be published, *Transportation Research Record*.

Abbe, E., M. Bierlaire and T. Toledo (2007) Normalization and correlation of cross-nested logit models, *Transportation Research Part B: Methodological*, **41** (7) 795–808.

Abedin, Z. U. and R. A. Waraich (2014) Modelling inductive charging of battery electric vehicles using an agent-based approach, *Journal of Sustainable Development of Energy, Water and Environment Systems*, **2** (3) 219–233.

Abeyasinghe, T. and J. Gu (2011) Lifetime income and housing affordability in singapore, *Urban Studies*, **48** (9) 1875–1891.

Abraham, J. E., T. Weidner, J. P. Gliebe, C. Willison and J. D. Hunt (2005) Three methods for synthesizing baseyear built form for use in integrated land use-transport models, *Transportation Research Record*, **1902**, 114–123.

Abrahamse, W. and M. Keall (2012) Effectiveness of a web-based intervention to encourage carpooling to work: A case study of Wellington, New Zealand, *Transport Policy*, **21**, 45–51.

Abdel-Aty, M. A., R. Kitamura and P. P. Jovanis (1995) Investigating effect of travel time variability on route choice using repeated-measurement stated preference data, *Transportation Research Record*, **1493**, 39–45.

Abrantes, P. A. L. and M. Wardman (2011) Meta-analysis of uk values of travel time: An update, *Transportation Research A*, **45**, 1–17.

Abrantes, P. A. L. and M. Wardman (2011) Meta-analysis of UK values of travel time: An update, *Transportation Research Part A: Policy and Practice*, **45**, 1–17.

Abdulaal, M. and L. J. LeBlanc (1979) Methods for combining modal split and equilibrium assignment models, *Transportation Science*, **13** (4) 292–314.

Adey, B., R. Hajdin and E. Brühwiler (2003) Effect of common cause failures on indirect costs, *Journal of Bridge Engineering*, **9** (2) 200–208.

Adler, T. J. and M. E. Ben-Akiva (1976) Joint-choice model for frequency, destination and travel mode for shopping trips, *Transportation Research Record*, **569**, 136–150.

- Adler, T. J. and M. E. Ben-Akiva (1979) A theoretical and empirical model of trip chaining behavior, *Transportation Research Part B: Methodological*, **13B** (3) 243–257.
- Adler, T. J., W. W. Recker and M. G. McNally (1993) A conflict model and interactive simulator (FASTCARS) for predicting enroute driver behavior in response to real-time traffic condition information, *Transportation*, **20** (2) 83–106.
- Ahas, R., S. Silm, O. Järv, E. Saluveer and M. Tiru (2010) Using mobile positioning data to model locations meaningful to users of mobile phones, *Journal of Urban Technology*, **17** (1) 3–27.
- Ahas, R., A. Aasa, Ü. Mark, T. Pae and A. Kull (2007) Seasonal tourism spaces in Estonia: Case study with mobile positioning data, *Tourism Management*, **28** (3) 898–910.
- Ahas, R., A. Aasa, A. Roose, Ü. Mark and S. Silm (2008) Evaluating passive mobile positioning data for tourism surveys: An Estonian case study, *Tourism Management*, **29** (3) 469–486.
- Ahas, R., A. Aasa, S. Silm and M. Tiru (2010) Daily rhythms of suburban commuters' movements in the Tallinn metropolitan area: Case study with mobile positioning data, *Transportation Research Part C: Emerging Technologies*, **18** (1) 45–54.
- Ahn, K. and H. Rakha (2008) The effects of route choice decisions on vehicle energy consumption and emissions, *Transportation Research Part D: Transport and Environment*, **13** (3) 151–167.
- Ajzen, I. (1991) The theory of planned behavior, *Organizational Behavior and Human Decision Processes*, **50** (2) 179–211.
- Akgün, V., E. Erkut and R. Batta (2000) On finding dissimilar paths, *European Journal of Operational Research*, **121** (2) 232–246.
- Alam, M., D. Timothy and S. Sissel (2005) New capital cost table for highway investment economic analysis, *Transportation Research Record*, **1932**, 33–42.
- Alam, S. B. and K. G. Goulias (1999) Dynamic emergency evacuation management system using geographic information system and spatiotemporal models of behavior, *Transportation Research Record*, **1660**, 92–99.
- Alberini, A. and A. Chiabai (2007) Discount rates in risk versus money and money versus money tradeoffs, *Risk Analysis*, **27** (2) 483–498.
- Albert, R., I. Albert and G. L. Nakarado (2004) Structural vulnerability of the North american power grid, *Physical Review E*, **69** (1) 1–4.
- Albert, R., J. Hawoong and A.-L. Barabási (2000) Error and attack tolerance of complex networks, *Nature*, **406**, 378–382.
- Al-Deek, H. M., A. J. Khattak and P. Thananjeyan (1998) A combined traveler behavior and

system performance model with advanced traveler information systems, *Transportation Research Part A: Policy and Practice*, **32** (7) 479–493.

Aldskogius, H. (1977) A conceptual framework and a Swedish case study of recreational behavior and environmental cognition, *Economic Geography*, **53** (2) 163–183.

Alexander, L., S. Jiang, M. Murga and M. C. González (2015) Origin–destination trips by purpose and time of day inferred from mobile phone data, *Transportation Research Part C: Emerging Technologies*, **58**, 240–250.

Aliaga, D. G., C. A. Vanegas, M. Lei and D. Niyogi (2012) Visualization-based decision tool for urban meteorological modeling, *Environment and Planning B*, to appear.

Al-Khudhairy, D., K. W. Axhausen, S. Bishop, H. J. Herrmann, B. Hu, W. Kröger, T. Lewis, J. MacIntosh, A. Nowak, S. Pickl, M. Stauffacher and E. Tan (2012) Towards integrative risk management and more resilient societies, *The European Physical Journal - Special Topics*, **214** (1) 571–595.

Allsop, R. E. (1972) Estimating the traffic capacity of a signalized road junction, *Transportation Research*, **6** (3) 245–255.

Alós-Ferrer, C. and N. Netzer (2010) The logit-response dynamics, *Games and Economic Behavior*, **68** (2) 413–427.

Anable, J. (2005) “Complacent Car Addicts” or “Aspiring Environmentalists”? Identifying travel behaviour segments using attitude theory, *Transport Policy*, **12** (1) 65–78.

Anas, A. (1995) Capitalization Of Urban Travel Improvements Into Residential And Commercial Real Estate: Simulations with a Unified Model Of Housing, Travel Mode and Shopping Choices, *Journal of Regional Science*, **35** (3) 351–375.

Anas, A. (2007) A unified theory of consumption, travel and trip chaining, *Journal of Urban Economics*, **62** (2) 162–186.

Anas, A. and R. Lindsey (2011) Reducing urban road transportation externalities: Road pricing in theory and in practice, *Review of Environmental Economics and Policy*, **5** (1) 66–88.

Anderson, S. P. and A. de Palma (2004) The economics of pricing parking, *Journal of Urban Economics*, **55**, 1–20.

Anderson, S. P. and A. de Palma (1999) Reverse discrete choice models, *Regional Science and Urban Economics*, **29** (6) 745–764.

Anderson, S. P., A. de Palma and J.-F. Thisse (1988) The ces and the logit: Two related models of heterogeneity, *Regional Science and Urban Economics*, **18** (1) 155–164.

Anderson, J. R. (2002) Spanning seven orders of magnitude: A challenge for cognitive modeling, *Cognitive Science*, **26**, 85–112.



- André, M. and M. Rapone (2009) Analysis and modelling of the pollutant emissions from european cars regarding the driving characteristics and test cycles, *Atmospheric Environment*, **43** (5) 986–995.
- Ansah, J. A. (1977) Destination choice set definition in travel behaviour modelling, *Transportation Research*, **11** (2) 127–140.
- Anselin, L. and M. J. Bera, A.K.Yoon (1996) Simple diagnostic tests for spatial dependence, *Regional Science and Urban Economics*, **26** (1) 77–100.
- Appleyard, D. and M. Lintell (1972) The environmental quality of city streets: The residents viewpoint, *AIP Journal*, **38** (1) 84–101.
- Aribarg, A., N. Arora and H. O. Bodur (2002) Understanding the role of preference revision and concession in group decisions, *Journal of Marketing Research*, **39** (3) 336–349.
- Aribarg, A., N. Arora and M. Y. Kang (2010) Predicting joint choice using individual data, *Marketing Science*, **29** (1) 139–157.
- Arentze, T. A., H. J. P. Timmermans, F. Hofman and N. Kalfs (2000) Data needs, data collection, and data quality requirements of activity-based transport demand models, *Transportation Research Circular*, **1** (E-C008) 30–60.
- Arentze, T. A., F. Hofman, H. Mourik and H. J. P. Timmermans (2000) Albatross: Multiagent, rule-based model of activity pattern decisions, *Transportation Research Record*, **1706**, 136–144.
- Arentze, T. A., H. J. P. Timmermans and F. Hofman (2007) Creating synthetic household populations: Problems and approach, *Transportation Research Record*, **2014** (11) 85–91.
- Arentze, T. A., A. W. J. Borgers and H. J. P. Timmermans (1994) Geographical information systems and the measurement of accessibility in the context of multipurpose travel: A new approach, *Journal of Geographical Systems*, **1** (2) 87–102.
- Arentze, T. A., H. Oppewal and H. J. P. Timmermans (2005) A multipurpose shopping trip model to assess retail agglomeration effects, *Journal of Marketing Research*, **42** (1) 109–115.
- Arentze, T. A., F. Hofman and H. J. P. Timmermans (2004) Predicting multi-faceted activity-travel adjustment strategies in response to possible congestion pricing scenarios using an internet-based stated adaptation experiment, *Transport Policy*, **11** (1) 31–41.
- Arentze, T. A., T. A. Pelizaro and H. J. P. Timmermans (2010) An agent-based micro-simulation framework for modelling of dynamic activity-travel rescheduling decisions, *International Journal of Geographical Information Science*, **24** (8) 1149–1170.
- Arentze, T. A. and H. J. P. Timmermans (2003) Modeling agglomeration forces in urban dynamics: a multi-agent system approach, *The International Journal of Urban Sciences*, **7** (1) 1–13.

- Arentze, T. A. and H. J. P. Timmermans (2004) Multistate supernetwork approach to modelling multi-activity, multimodal trip chains, *International Journal of Geographical Information Science*, **18** (7) 631–651.
- Arentze, T. A. and H. J. P. Timmermans (2007) A multi-agent activity-based model of facility location choice and use, *Transportation Research Record*, **43** (3) 33–44.
- Arentze, T. A. and H. J. P. Timmermans (2009) Regimes in social-cultural events-driven activity sequences: Modelling approach and empirical application, *Transportation Research Part A: Policy and Practice*, **43** (4) 311–322.
- Arentze, T. A. and H. J. P. Timmermans (2004) A learning-based transportation oriented simulation system, *Transportation Research Part B: Methodological*, **38** (7) 613–633.
- Arentze, T. A. and H. J. P. Timmermans (2007) Parametric action decision trees: Incorporating continuous attribute variables into rule-based models of discrete choice, *Transportation Research Record*, **41** (7) 772–783.
- Arentze, T. A. and H. J. P. Timmermans (2009) A need-based model of multi-day, multi-person activity generation, *Transportation Research Part B: Methodological*, **43** (2) 251–265.
- Arentze, T. A., D. F. Ettema and H. J. P. Timmermans (2011) Estimating a model of dynamic activity generation based on one-day observations: Method and results, *Transportation Research Part B: Methodological*, **45** (2) 447–460.
- Arentze, T. A. and H. J. P. Timmermans (2005) Representing mental maps and cognitive learning in micro-simulation models of activity-travel choice dynamics, *Transportation*, **32** (4) 321–340.
- Arentze, T. A. and H. J. P. Timmermans (2007) Robust approach to modeling choice of locations in daily activity sequences, *Transportation Research Record*, **2003**, 59–63.
- Arentze, T. A. and H. J. P. Timmermans (2005) An analysis of context and constraints-dependent shopping behaviour using qualitative decision principles, *Urban Studies*, **42** (3) 435–448.
- Arentze, T. A., M. Kowald and K. W. Axhausen (2013) An agent-based random-utility-maximization model to generate social networks with transitivity in geographic space, *Social Networks*, **35** (3) 451–459.
- Arentze, T. A., D. F. Ettema and H. J. P. Timmermans (2013) Location choice in the context of multi-day activity-travel patterns: model development and empirical results, *Transportmetrica A*, **9** (2) 107–123.
- Arnet, K. (2015) Effects of multimodal operations on urban networks, *Strasse und Verkehr*, **9**, 27–31.
- Arnet, K., J. Ortigosa and M. Menéndez (2012) Traffic management in the inner city of Zurich,

*Netzwerk Stadt und Landschaft Newsletter*, **14**.

Arnet, K., S. I. Guler and M. Menéndez (2015) Effects of multimodal operations on urban roadways, *Transportation Research Record*, **2533**, 1–7.

Arnold, S. J., T. Oum and D. J. Tigert (1983) Determinant attributes in retail patronage: Seasonal, temporal, regional, and international comparisons, *Journal of Marketing Research*, **20** (2) 149–157.

Arnold, M. A. (1999) Searching, bargaining and optimal asking prices, *Real Estate Economics*, **27** (3) 453–481.

Arnott, R., A. de Palma and R. Lindsey (1988) Schedule delay and departure time decisions with heterogeneous commuters, *Transportation Research Record*, **1197**, 56–57.

Arnott, R., A. de Palma and R. Lindsey (1990) Economics of a bottleneck, *Journal of Urban Economics*, **27** (1) 111–130.

Arnott, R., A. de Palma and R. Lindsey (1991) A temporal and spatial equilibrium analysis of commuter parking, *Journal of Public Economics*, **45**, 301–335.

Arnott, R., A. de Palma and R. Lindsey (1993) A structural model of peak-period congestion: A traffic bottleneck with elastic demand, *The American Economic Review*, **83** (1) 161–179.

Arnott, R., A. de Palma and R. Lindsey (1994) The welfare effects of congestion tolls with heterogeneous commuters, *Journal of Transport Economics and Policy*, **28** (2) 139–161.

Arnott, R. and J. Rowse (1999) Modeling parking, *Journal of Urban Economics*, **45** (1) 97–124.

Arnott, R., A. de Palma and R. Lindsey (1999) Information and time-of-usage decisions in the bottleneck model with stochastic capacity and demand, *European Economic Review*, **43** (3) 525–548.

Arrache, S. and R. Ouafi (2008) Accelerating convergence of the frank-wolfe algorithm for solving the traffic assignment problem, *International Journal of Computer Science and Network Security*, **8** (5) 181–186.

Asakura, Y. and E. Hato (2004) Tracking survey for individual travel behaviour using mobile communication instruments, *Transportation Research Part C: Emerging Technologies*, **12**, 273–291.

Asensio, J. and A. Matas (2008) Commuters' valuation of travel time variability, *Transportation Research Part E: Logistics and Transportation Review*, **44** (6) 1074–1085.

Arnott, R. and T. Starner (2003) Using GPS to learn significant locations and predict movement across multiple users, *Personal and Ubiquitous Computing*, **7** (5) 275–286.

- Ashiru, O., J. W. Polak and R. B. Noland (2004) The utility of schedules: Theoretical model of departure-time choice and activity-time allocation with application to individual activity schedules, *Transportation Research Record*, **1894**, 84–98.
- Astarita, V., K. Er-Rafia, M. Florian, M. Mahut and S. Velan (2001) Comparison of three methods for dynamic network loading, *Transportation Research Record*, **1771**, 179–190.
- Atkinson, J. B. (1994) A greedy look-ahead heuristic for combinatorial optimization: An application to vehicle scheduling with time windows, *Journal of the Operational Research Society*, **45** (6) 673–684.
- Auld, J., C. Williams, A. K. Mohammadian and P. Nelson (2009) An automated GPS-based prompted recall survey with learning algorithms, *Transportation Letters*, **1** (1) 59–79.
- Auld, J., A. K. Mohammadian and S. T. Doherty (2008) Analysis of activity conflict resolution strategies, *Transportation Research Record*, **2054**, 10–19.
- Auld, J. and A. K. Mohammadian (2010) Efficient methodology for generating synthetic populations with multiple control levels, *Transportation Research Record*, **2183**, 19–28.
- Austin, A., C. Linkletter and Z. Wu (2013) Covariate-defined latent space random effects model, *Social Networks*, **35** (3) 338–346.
- Avineri, E. and J. N. Prashker (2003) Sensitivity to uncertainty: Need for a paradigm shift, *Transportation Research Record*, **1854**, 90–98.
- Axhausen, K. W. and G. Sammer (2001) Hypothetische Märkte als Befragungsthema, *Internationales Verkehrswesen*, **53** (6) 274–278.
- Axhausen, K. W. (2008) Social networks, mobility biographies, and travel: Survey challenges, *Environment and Planning B*, **35** (6) 981–996.
- Axhausen, K. W. (2015) Editorial: Intelligent mobil – weiter gedacht, *Internationales Verkehrswesen*, **67** (1) 3.
- Axhausen, K. W. (2012) Induced demand: Curse or benefit?, *disP – The Planning Review*, **48** (3) 2–3.
- Axhausen, K. W. (2015) Parking Reform Made Easy, *disP – The Planning Review*, **51** (1) 103.
- Axhausen, K. W. (2008) Accessibility: Long-term perspectives, *Journal of Transport and Land Use*, **1** (2) 5–22.
- Axhausen, K. W. (2007) Activity spaces, biographies, social networks and their welfare gains and externalities: Some hypotheses and empirical results, *Mobilities*, **2**, 15–36.
- Axhausen, K. W. (2016) Der Verkehr im Jahre 2030: Sind wir bald alle Passagiere?, *NZZ - Neue Zürcher Zeitung*, **237** (231) 15.

Axhausen, K. W. (2016) Der intelligente Parkplatz: Elektronisch gesteuertes, dynamisches Preissystem, *NZZ - Neue Zürcher Zeitung*, **237** (270) 10.

Axhausen, K. W. (2006) Neue Modellansätze der Verkehrsnachfragesimulation: Entwicklungslinien, Stand der Forschung, Forschungsperspektiven, *Stadt Region Land*, **81**, 149–164.

Axhausen, K. W. (1995) Was sind die Methoden der Direkten Nutzenmessung, Conjoint Analysis oder Stated Preferences, *Straßenverkehrstechnik*, **39**, 210–218.

Axhausen, K. W. (2014) Die Fahrzeit ist entscheidend: Wissenschaftliche Aspekte des Verkehrs, *TEC21*, **7-8**, 26–29.

Axhausen, K. W. (1996) The design of environmentally aware travel diaries, *Transportation Planning and Technology*, **19** (3) 275–290.

Axhausen, K. W., J. W. Polak, M. Boltze and J. Puzicha (1994) Effectiveness of the parking guidance information system in Frankfurt am Main, *Traffic Engineering and Control*, **35** (5) 304–309.

Axhausen, K. W., A. Zimmermann, S. Schönfelder, G. Rindsfuser and T. Haupt (2002) Observing the rhythms of daily life: A six-week travel diary, *Transportation*, **29** (2) 95–124.

Axhausen, K. W., M. Löchl and R. Schlich (2007) Fatigue in long duration surveys, *Transportation*, **34** (2) 143–160.

Axhausen, K. W., C. Dolci, P. Fröhlich, M. Scherer and A. Carosio (2008) Constructing time-scaled maps: Switzerland from 1950 to 2000, *Transport Reviews*, **28** (3) 391–413.

Axhausen, K. W. and T. Gärling (1992) Activity based approaches to travel analysis: Conceptual frameworks, models and research problems, *Transport Reviews*, **12** (4) 323–341.

Axhausen, K. W. and R. Herz (1989) Simulating activity chains: German approach, *Journal of Transportation Engineering*, **115** (3) 316–325.

Axhausen, K. W., S. Hess, A. König, G. Abay, J. J. Bates and M. Bierlaire (2008) Income and distance elasticities of values of travel time savings: New Swiss results, *Transport Policy*, **15** (3) 173–185.

Axhausen, K. W. and J. W. Polak (1991) Choice of parking: Stated preference approach, *Transportation*, **18** (1) 59–81.

Axhausen, K. W. and C. Weis (2010) Predicting response rate: A natural experiment, *Survey Practice*, **3** (2).

Ayed, H., C. Galvez-Fernandez, Z. Habbas and D. Khadraoui (forthcoming) Solving time-dependent multimodal transport problems using a transfer graph model, *Computers & Industrial Engineering*.

- Aytug, H. and G. J. Koehler (2000) New stopping criterion for genetic algorithms, *European Journal of Operational Research*, **126** (3) 662–674.
- Azevedo, J. A., M. E. O. Santos Costa, J. J. E. R. Silvestre Madeira and E. Q. Vieira Martins (1993) An algorithm for the ranking of shortest paths, *European Journal of Operational Research*, **69** (1) 97–106.
- Bäck, T., U. Hammel and H.-P. Schwefel (1997) Evolutionary computation: comments on the history and current state, *IEEE Transactions on Evolutionary Computation*, **1** (1) 3–17.
- Bagchi, M. and P. White (2005) The potential of public transport smart card data, *Transport Policy*, **12** (5) 464–474.
- Baker, P., R. Blundell and J. Micklewright (1989) Modelling household energy expenditures using micro-data, *Economic Journal*, **99** (397) 720–738.
- Baker, J., D. Grewel and A. Parasuraman (1994) The influence of store environment on quality inferences and store image, *Journal of the Academy of Marketing Science*, **22** (4) 328–339.
- Bakuli, D. L. and B. Smith (1996) Resource allocation in state-dependent emergency evacuation networks, *European Journal of Operational Research*, **89** (3) 543–555.
- Balac, M., F. Ciari and K. W. Axhausen (2015) Carsharing demand estimation: Case study of Zurich area, *Transportation Research Record*, **2536**, 10–18.
- Balakrishna, R., Y. Wen, M. E. Ben-Akiva and C. Antoniou (2008) Simulation-based framework for transportation network management in emergencies, *Transportation Research Record*, **2041**, 80–88.
- Baldacci, R., V. Maniezzo and A. Mingozzi (2004) An exact method for the car pooling problem based on lagrangean column generation, *Operations Research*, **52** (3) 422–439.
- Ball, M. O., B. L. Golden and R. V. Vohra (1989) Finding the most vital arc in a network, *Operations Research Letters*, **8** (2) 73–76.
- Balmer, M., K. Nagel and B. Raney (2004) Large-scale multi-agent simulations for transportation applications, *Journal of Intelligent Transportation Systems*, **8** (4) 205–223.
- Balmer, M., K. W. Axhausen and K. Nagel (2006) An agent-based demand-modeling framework for large scale micro-simulations, *Transportation Research Record*, **1985**, 125–134.
- Balmer, M., K. Nagel and B. Raney (forthcoming) An agent-based demand-modeling framework for large scale micro-simulations, *Transportation Research Record*.
- Baltas, G. and P. Papastathopoulou (2003) Shopper characteristics, product and store choice criteria: A survey in the greek grocery sector, *International Journal of Retail & Distribution Management*, **31** (10) 498–507.

- Bamberg, S. (2003) How does environmental concern influence specific environmentally related behaviors? A new answer to an old question, *Journal of Environmental Psychology*, **27** (2) 21–32.
- Banfi, S., M. Farsi, F. Massimo and M. Jakob (2008) Willingness to pay for energy-saving measures in residential buildings, *Energy Economics*, **30** (2) 503–516.
- Bar-Gera, H. and D. Boyce (2003) Origin-based algorithms for combined travel forecasting models, *Transportation Research Part B*, **37**, 405–422.
- Barabási, A.-L. and E. Bonabeau (2003) Scale-free networks, *Scientific American*, **288** (5) 60–69.
- Bar-Gera, H. (2002) Origin-based algorithm for the traffic assignment problem, *Transportation Science*, **36** (4) 398–417.
- Barabási, A.-L. and R. Albert (1999) Emergence of scaling in random networks, *Science*, **286** (5439) 509–512.
- Barnard, P. O. (1987) Modelling shopping destination choice behaviour using the basic multinomial logit model and some of its extensions, *Transport Reviews*, **7** (1) 17–51.
- Barrett, C. L., S. E. Eubank and J. P. Smith (2005) If smallpox strikes Portland... , *Scientific American*, **262** (3) 54–61.
- Barrett, C. L., R. Jacob and M. Marathe (2000) Formal-language-constrained path problems, *SIAM Journal on Computing*, **30** (3) 809–837.
- Barrett, F. (1976) The search process in residential relocation, *Environment and Behavior*, **8** (2) 169–198.
- Barth, M. and M. Todd (1999) Simulation model performance analysis of a multiple station shared vehicle system, *Transportation Research Part C: Emerging Technologies*, **7** (4) 237–259.
- Barthélemy, M. (2011) Spatial networks, *Physics Reports*, **499** (1–3) 1–110.
- Barthélemy, M., P. Bordin, H. Berestycki and M. Griboaudi (2013) Self-organization versus top-down planning in the evolution of a city, *Scientific Reports*, **3** (2153) 1–7.
- Barthélemy, M. and A. Flammini (2006) Optimal traffic networks, *Journal of Statistical Mechanics: Theory and Experiment*, **7**, 1–4.
- Barthélemy, M. and A. Flammini (2009) Co-evolution of density and topology in a simple model of city formation, *Networks and Spatial Economics*, **9** (3) 401–425.
- Barthélemy, J. and P. L. Toint (forthcoming) Synthetic population generation without a sample, *Transportation Science*.

- Basso, L. J. and S. R. Jara-Diaz (2012) Integrating congestion pricing, transit subsidies and mode choice, *Transportation Research Part A: Policy and Practice*, **46** (6) 890–900.
- Basu, S. and A. Dasgupta (1997) The mean, median, and mode of unimodal distributions: A characterization, *Theory of Probability & Its Applications*, **41** (2) 210–223.
- Bates, J. J., I. Williams, D. Coombe and J. Leather (1996) The London congestion charging programme: 4. the transport models, *Traffic Engineering and Control*, **37** (5) 334–339.
- Bates, J., J. W. Polak, P. Jones and A. Cook (2001) The valuation of reliability for personal travel, *Transportation Research Part E: Logistics and Transportation Review*, **37**, 191–229.
- Batty, M., K. W. Axhausen, F. Giannotti, A. Pozdnoukhov, A. Bazzani, M. Wachowicz and Y. Portugali (2012) Smart cities of the future, *The European Physical Journal - Special Topics*, **214** (1) 481–518.
- Batty, M. (2008) The size, scale, and shape of cities, *Science*, **319** (5864) 769–771.
- Batty, M. (2012) Building a science of cities, *Cities – The International Journal of Urban Policy and Planning*, **29** (Supplement 1) S9–S16.
- Baumeister, R. F. and M. R. Leary (1995) The need to belong: Desire for interpersonal attachments as a fundamental human motivation, *Psychological Bulletin*, **117** (1) 497–529.
- Bawa, K. and A. Ghosh (1999) A model of household grocery shopping behavior, *Marketing Letters*, **10** (2) 149–160.
- Bayarma, A., R. Kitamura and Y. O. Susilo (2007) Recurrence of daily travel patterns: Stochastic process approach to multiday travel behavior, *Transportation Research Record*, **2021**, 55–63.
- Bayir, M. A., M. Demirbas and N. Eagle (2010) Mobility profiler: A framework for discovering mobility profiles of cell phone users, *Pervasive and Mobile Computing*, **6**, 435–454.
- Becker, G. S. (1965) A theory of the allocation of time, *Economic Journal*, **75**, 493–517.
- Becker, R., R. Caceres, K. Hanson, S. Isaacman, J. Loh, M. Martonosi, J. Rowland, S. Urbanek, A. Varshavsky and C. Volinsky (2013) Human mobility characterization from cellular network data, *Communications of the ACM*, **56** (1).
- Beckman, R. J., K. A. Baggerly and M. D. McKay (1996) Creating synthetic baseline populations, *Transportation Research Part A: Policy and Practice*, **30** (6) 415–429.
- Beckmann, M. J. and J. P. Wallace (1969) Evaluation of user benefits arising from changes in transportation systems, *Transportation Science*, **3** (4) 344–351.
- Beckx, C., T. A. Arentze, L. Int Panis, D. Janssens, J. Vankerkorn and G. Wets (2009) An integrated activity-based modelling framework to assess vehicle emissions: Approach and ap-



plication, *Environment and Planning B*, **36** (6) 1086–1102.

Beesley, M. E. (1965) The value of time spent in travelling: some new evidence, *Econometrica*, 174–185.

Beharry-Borg, N., D. A. Hensher and R. Scarpa (2009) An analytical framework for joint vs separate decisions by couples in choice experiments: The case of coastal water quality in tobago, *Environmental and Resource Economics*, **43** (1) 95–107.

Beige, S. and K. W. Axhausen (2012) Interdependencies between turning points in life and long-term mobility decisions, *Transportation*, **39** (4) 857–872.

Bekhor, S., M. E. Ben-Akiva and M. S. Ramming (2006) Evaluation of choice set generation algorithms for route choice models, *Annals of Operations Research*, **144** (1) 235–247.

Bekhor, S., Y. Cohen and C. Solomon (2013) Evaluating long-distance travel patterns in Israel by tracking cellular phone positions, *Journal of Advanced Transportation*, **47** (4) 435–446.

Bekhor, S., M. E. Ben-Akiva and M. S. Ramming (2002) Adaptation of logit kernel to route choice situation, *Transportation Research Record*, **1805**, 78–85.

Bekhor, S., L. Reznikova and T. Toledo (2007) Application of cross-nested logit route choice model in stochastic user equilibrium traffic assignment, *Transportation Research Record*, **2003**, 41–49.

Bekhor, S., C. Dobler and K. W. Axhausen (2011) Integration of activity-based with agent-based models: an example from the Tel Aviv model and MATSim, *Transportation Research Record*, **2255**, 38–47.

Bekhor, S. and J. N. Prashker (2008) GEV-based destination choice models that account for unobserved similarities among alternatives, *Transportation Research Part B: Methodological*, **42** (3) 243–262.

Bell, D. E. (1982) Regret in decision making under uncertainty, *Operations Research*, **30** (5) 961–981.

Bell, D. R., T.-H. Ho and C. S. Tang (1998) Determining where to shop: Fixed and variable costs of shopping, *Journal of Marketing Research*, **35** (3) 352–369.

Bellemans, T., B. Kochan, D. Janssens, G. Wets, T. A. Arentze and H. J. P. Timmermans (2010) Implementation framework and development trajectory of FEATHERS activity-based simulation platform, *Transportation Research Record*, **2175**, 111–119.

Bell, M. G. H. (2000) A game theoretic approach to measuring performance reliability of transport networks, *Transportation Research Part B: Methodological*, **34** (6) 533–545.

Bell, M. G. H. (2002) Risk-averse user equilibrium traffic assignment: an application of game theory, *Transportation Research Part B: Methodological*, **36** (8) 671–681.

- Bell, M. G. H. (2003) The use of game theory to measure the vulnerability of stochastic networks, *IEEE Transactions on Reliability*, **52** (1) 63–68.
- Bell, M. G. H. (2006) Mixed strategies for the risk-averse shipment of hazardous materials, *Networks and Spatial Economics*, **6** (3) 253–265.
- Bell, M. G. H. (2009) Hyperstar: A multi-path astar algorithm for risk averse vehicle navigation, *Transportation Research Part B: Methodological*, **43** (1) 97–107.
- Bell, M. G. H., U. Kanturska, J.-D. Schmöcker and A. Fonzone (2008) Attacker-defender models and road network vulnerability, *Philosophical Transactions of the Royal Society A: Mathematical, Physical & Engineering Sciences*, **366** (13) 1893–1906.
- Bello, D. C. and M. J. Etzel (1985) The role of novelty in the pleasure travel experience, *Journal of Travel Research*, **24** (1) 20–26.
- Bell, S. J. (1999) Image and consumer attraction to intraurban retail areas: An environmental psychology approach, *Journal of Retailing and Consumer Services*, **6** (2) 67–78.
- Bellemans, T., B. Kochan, D. Janssens, G. Wets and H. J. P. Timmermans (2008) Field evaluation of Personal Digital Assistant enabled by Global Positioning System: Impact on quality of activity and diary data, *Transportation Research Record*, **2049**, 136–143.
- Ben-Akiva, M. E. and J. L. Bowman (1998) Integration of an activity-based model system and a residential location model, *Urban Studies*, **35** (7) 1231–1253.
- Ben-Akiva, M. E. and B. Boccara (1995) Discrete choice models with latent choice sets, *International Journal of Research in Marketing*, **12** (1) 9–24.
- Ben-Akiva, M. E. (1974) Structure of passenger travel demand models, *Transportation Research Record*, **526**, 26–42.
- Ben-Akiva, M. E., A. de Palma and I. Kaysi (1991) Dynamic network models and driver information systems, *Transportation Research Part A: General*, **25** (5) 251–266.
- Ben-Akiva, M. E., J. L. Bowman and D. Gopinath (1996) Travel demand model system for the information era, *Transportation*, **23** (3) 241–266.
- Bender, E. A. and E. R. Canfield (1786) The asymptotic number of labeled graphs with given degree sequences, *Journal of Combinatorial Theory Ser. A*, **24** (3) 296–307.
- Benekohal, R. F. and G. Abu-Lebdeh (1994) Variability analysis of traffic simulation outputs: Practical approach for TRAF-NETSIM, *Transportation Research Record*, **1457**, 198–207.
- Benenson, I., K. Martens and S. Birfir (2008) PARKAGENT: an agent-based model of parking in the city, *Computers, Environment and Urban Systems*, **32** (6) 431–439.
- Benenson, I., K. Martens, Y. Rofé and A. Kwartler (2010) Public transport versus private

car gis-based estimation of accessibility applied to the tel aviv metropolitan area, *Annals of Regional Science*, **47** (3) 499–515.

Bentler, P. M. (1980) Multivariate analysis with latent variables: Causal modeling, *Annual Review of Psychology*, **31**, 419–456.

Benzion, U., A. Rapoport and J. Yagil (1989) An introduction to road vulnerability: What has been done, is done and should be done, *Management Science*, **35** (3) 270–284.

Berdica, K. (2002) An introduction to road vulnerability: What has been done, is done and should be done, *Transport Policy*, **9** (2) 117–127.

Berg, W. D., P. A. Koushki, C. L. Krueger and W. L. Bittner (1976) Development of a simulation model for regional recreational travel, *Transportation Research Record*, **569**, 96–106.

Bernard, M. and K. W. Axhausen (2010) Ein neuer Ansatz für standardisierte Ganglinien, *Straßenverkehrstechnik*, **54** (11) 689–696.

Bernardin, V. L., F. S. Koppelman and D. Boyce (2009) Enhanced destination choice models incorporating agglomeration related to trip chaining while controlling for spatial competition, *Transportation Research Record*, **2132**, 143–151.

Bernoulli, D. (1738) Specimen theoriae novae de mensura sortis, *Commentarii Academiae Scientiarum Imperialis Petropolitanae*, **5**, 175–192.

Berry, B. J. L., H. G. Barnum and R. J. Tennant (1962) Retail location and consumer behavior, *Papers of the Regional Science Association*, **9**, 65–106.

Beuck, U., K. Nagel, M. Rieser, D. Strippgen and M. Balmer (2007) Preliminary results of a multi-agent traffic simulation for Berlin, *Advances in Complex Systems (ACS)*, **10** (su) 289–307.

Beuck, U., K. Nagel, M. Rieser, D. Strippgen and M. Balmer (forthcoming) Preliminary results of a multi-agent traffic simulation for Berlin, *Advances in Complex Systems (ACS)*.

Beyer, H.-G. and H.-P. Schwefel (2002) Evolution strategies – A comprehensive introduction, *Natural Computing*, **1** (1) 3–52.

Bhat, C. R. and R. M. Pendyala (2005) Modeling intra-household interactions and group decision making, *Transportation*, **32** (5) 443–448.

Bhat, C. R. and R. Sardesai (2006) The impact of stop-making and travel time reliability on commute mode choice, *Transportation Research Part B*, **40**, 709–730.

Bhat, C. R. (1997) Work travel mode choice and number of non-work commute stops, *Transportation Research Part B: Methodological*, **31** (1) 41–54.

Bhat, C. R. (1998) A model of post home-arrival activity participation behavior, *Transportati-*

on Research Part B: Methodological, **32** (6) 387–400.

Bhat, C. R. (1998) Accommodating flexible substitution patterns in multi-dimensional choice modeling: Formulation and application to travel mode and departure time choice, *Transportation Research Part B: Methodological*, **32** (9) 455–466.

Bhat, C. R. (2005) A multiple discrete-continuous extreme value model: Formulation and application to discretionary time-use decisions, *Transportation Research Part B: Methodological*, **39** (8) 679–707.

Bhat, C. R. (2008) The multiple discrete-continuous extreme value (mdcev) model: Role of utility function parameters, identification considerations, and model extensions, *Transportation Research Part B: Methodological*, **42** (3) 274–303.

Bhat, C. R. and I. N. Sener (2009) A copula-based closed-form binary logit choice model for accommodating spatial correlation across observational units, *Journal of Geographical Systems*, **11** (3) 243–272.

Bhat, C. R., T. Frusti, H. Zhao, S. Schönfelder and K. W. Axhausen (2004) Intershoppping duration: An analysis using multi-week data, *Transportation Research Part B: Methodological*, **38** (1) 39–60.

Bhat, C. R., S. Srinivasan and K. W. Axhausen (2005) An analysis of multiple interactivity durations using a unifying multivariate hazard model, *Transportation Research Part B: Methodological*, **39B** (9) 797–824.

Bhat, C. R. and S. Sen (2006) Household vehicle type holdings and usage: An application of multiple discrete-continuous extreme value model, *Transportation Research Part B: Methodological*, **40** (1) 35–53.

Bhat, C. R., S. Sen and N. Eluru (2009) The impact of demographics, built environment attributes, vehicle characteristics, and gasoline prices on household vehicle holdings and use, *Transportation Research Part B: Methodological*, **43** (1) 1–18.

Bhat, C. R., S. Srinivasan and S. Sen (2006) A joint model for the perfect and imperfect substitute goods case: Application to activity time-use decisions, *Transportation Research Part B: Methodological*, **40** (10) 827–850.

Bhat, C. R., A. Govindarajan and V. Pulugurta (1998) Disaggregate attraction-end choice modeling: Formulation and empirical analysis, *Transportation Research Record*, **1645**, 60–68.

Bhat, C. R. and V. Pulugurta (1998) A comparison of two alternative behavioral choice mechanisms for household auto ownership decisions, *Transportation Research Part B: Methodological*, **32** (1) 61–75.

Bhat, C. R., J. Y. Guo, S. Srinivasan and A. Sivakumar (2004) A comprehensive econometric microsimulator for daily activity-travel patterns (CEMDAP), *Transportation Research Record*,

**1894**, 57–66.

Bhat, C. R. and R. Gossen (2004) A mixed multinomial logit model analysis of weekend recreational episode type choice, *Transportation Research Part B: Methodological*, **38** (9) 767–787.

Bhat, C. R. and J. Y. Guo (2004) A mixed spatially correlated logit model: Formulation and application to residential choice modeling, *Transportation Research Part B: Methodological*, **38** (2) 147–168.

Bhat, C. R. and J. Y. Guo (2007) A comprehensive analysis of built environment characteristics on household residential choice and auto ownership levels, *Transportation Research Part B: Methodological*, **41** (5) 506–526.

Bhat, C. R., S. Astroza and A. C. Bhat (2016) On allowing a general form for unobserved heterogeneity in the multiple discrete–continuous probit model: Formulation and application to tourism travel, *Transportation Research Part B*, **86**, 223–249.

Bhat, C. R. and A. Lockwood (2004) On distinguishing between physically active and physically, passive episodes and between travel and activity episodes: an analysis of weekend recreational participation in the San Francisco Bay area, *Transportation Research Part B: Methodological*, **38** (8) 573–592.

Bhat, C. R. and S. K. Singh (2000) A comprehensive daily activity-travel generation model system for workers, *Transportation Research Part A: Policy and Practice*, **34** (1) 1–22.

Bhattacharyya, A. (1943) On a measure of divergence between two statistical populations defined by their probability distributions, *Bulletin of the Calcutta Mathematical Society*, **35** (1) 99–109.

Bierlaire, M. (2006) A theoretical analysis of the cross-nested logit model, *Annals of Operations Research*, **144** (1) 287–300.

Bierlaire, M. and F. Crittin (2006) Solving noisy, large-scale fixed-point problems and systems of nonlinear equations, *Transportation Science*, **40** (1) 44–63.

Bierlaire, M., D. Bolduc and D. McFadden (2008) The estimation of generalized extreme value models from choice-based samples, *Transportation Research Part B: Methodological*, **42** (4) 381–394.

Bierlaire, M., T. Lotan and P. L. Toint (1997) On the overspecification of multinomial and nested logit models due to alternative specific constants, *Transportation Science*, **31** (4) 363–371.

Bierlaire, M. and E. Frejinger (2008) Route choice modeling with network-free data, *Transportation Research Part C: Emerging Technologies*, **16** (2) 187–198.

Bilotkach, V. (2007) Complementary versus semi-complementary airline partnerships, *Trans-*

*portation Research Part B: Methodological*, **41** (4) 381–393.

Birkner, T. (1995) Innerstädtischer Parksuchverkehr: Eine unbekannte Grösse?, *Straßenverkehrstechnik*, **95** (7) 323–327.

Bischoff, J. and M. Maciejewski (2016) Simulation of city-wide replacement of private cars with autonomous taxis in berlin, *Procedia Computer Science*, **83**, 237–244.

Bjørner, T. B. and S. Leth-Petersen (2005) Dynamic models of car ownership at the household level, *International Journal of Transport Economics*, 57–75.

Bue Bjørner, T. and S. Leth-Petersen (2007) A dynamic random effects multinomial logit model of household car ownership, *Nationaløkonomisk tidsskrift*, **145** (1) 83–100.

Black, W. C. (1984) Choice-set definition in patronage modeling, *Journal of Retailing*, **60** (2) 63–85.

Bliemer, M. C. J. and P. H. L. Bovy (2008) Impact of route choice set on route choice probabilities, *Transportation Research Record*, **2076**, 10–19.

Blitzstein, J. and P. Diaconis (2011) A sequential importance sampling algorithm for generating random graphs with prescribed degrees, *Internet Mathematics*, **6** (4) 489–522.

Blommestein, H., P. Nijkamp and W. van Veenendaal (1980) Shopping perceptions and preferences: A multidimensional attractiveness analysis of consumer and entrepreneurial attitudes, *Economic Geography*, **56** (2) 155–154.

Blondel, V. D., A. Decuyper and G. Krings (2015) A survey of results on mobile phone datasets analysis, *The European Physical Journal - Data Science*, **4** (1), February 2015.

Blossfeld, H.-P. and J. Huinink (2001) Lebensverlaufsorschung als sozialwissenschaftliche Forschungsperspektive : Themen, Konzepte, Methoden und Probleme, *BIOS - Zeitschrift für Biographieforschung, Oral History und Lebensverlaufsanalysen*, **14** (2) 5–31.

Blum, J. (1954) Multidimensional stochastic approximation methods, *Annals of Mathematical Statistics*, **25** (4) 737–744.

Blundell, R., P. Pashardes and G. Weber (1993) What do we learn about consumer demand patterns from micro data?, *The American Economic Review*, **83** (3) 570–597.

Bodenmann, B. R. and K. W. Axhausen (2008) Schweizer Unternehmen – quo vaditis? Firmendemographische Trends am Beispiel des Wirtschaftsraums St. Gallen, *Raumforschung und Raumordnung*, **66** (4) 318–332.

Bodenmann, B. R. and K. W. Axhausen (forthcoming) Destination choice of relocating firms – a discrete choice model for the region of St. Gallen, Switzerland, *Papers in Regional Science*.

Bodenmann, B. R. and K. W. Axhausen (2012) Effects and Side Effects of Measures to Attract

- Firms – A Micro-Simulation Study of Firm Location Choice, *disP – The Planning Review*, **48** (4) 14–28.
- Bodenmann, B. R. and K. W. Axhausen (2012) Destination choice of relocating firms – a discrete choice model for the region of St. Gallen, Switzerland, *Papers in Regional Science*, **91** (2) 319–341.
- Börjesson, M. and J. Eliasson (2014) Experiences from the Swedish value of time study, *Transportation Research Part A: Policy and Practice*, **59** (0) 144–158.
- Bohte, W. and K. Maat (2009) Deriving and validating trip purposes and travel modes for multi-day GPS-based travel surveys: A large-scale application in the Netherlands, *Transportation Research Part C: Emerging Technologies*, **17** (3) 285–297.
- Bonabeau, E., M. Dorigo and G. Theraulaz (2000) Inspiration for optimization from social insect behaviour, *Nature*, **406** (6791) 39–42.
- Bonabeau, E. (2002) Predicting the unpredictable, *Harvard Business Review*, **80** (3) 5–11.
- Bonabeau, E. (2002) Agent-based modeling: Methods and techniques for simulating human systems, *Proceedings of the National Academy of Sciences of the United States of America*, **99** (3) 7280–7287.
- Bonabeau, E., J.-L. Dessalles and A. Grumbach (1995) Characterizing emergent phenomena (1): a critical review, *Revue Internationale de Systémique*, **9** (3) 327–346.
- Bonabeau, E. and J.-L. Dessalles (1997) Detection and emergence, *Intellectica*, **25** (2) 85–94.
- Bonsall, P. W. and I. A. Palmer (2004) Modelling drivers' car parking behaviour using data from a travel choice simulator, *Transportation Research Part C: Emerging Technologies*, **12** (5) 321–347.
- Borgers, A. W. J. and H. J. P. Timmermans (1987) Choice model specification, substitution and spatial structure effects: A simulation experiment, *Regional Science and Urban Economics*, **17** (1) 29–47.
- Borgers, A. W. J. and H. J. P. Timmermans (1986) City centre entry points, store location patterns and pedestrian route choice behaviour: A microlevel simulation model, *Socio-Economic Planning Sciences*, **20** (1) 25–31.
- Bourahla, M. and M. Benmohamed (2005) Formal specification and verification of multi-agent systems, *Electronic Notes in Theoretical Computer Science*, **123**, 5–17.
- Bovy, P. H. L. (2009) On modelling route choice sets in transportation networks: A synthesis, *Transport Reviews*, **29** (1) 43–68.
- Bovy, P. H. L., S. Bekhor and C. G. Prato (2008) The factor of revisited path size: Alternative derivation, *Transportation Research Record*, **2076**, 132–140.

- Bovy, P. H. L. and S. Fiorenzo-Catalano (2007) Stochastic route choice set generation: Behavioral and probabilistic foundations, *Transportmetrica*, **3** (3) 173–189.
- Bovy, P. H. L. and S. Hoogendoorn-Lanser (2005) Modeling route choice behavior in multi-modal transport networks, *Transportation*, **32** (4) 341–368.
- Bowman, J. L. and M. E. Ben-Akiva (2001) Activity-based disaggregate travel demand model system with activity schedules, *Transportation Research Part A: Policy and Practice*, **35** (1) 1–28.
- Bowman, J. L., M. A. Bradley, Y. Shiftan, T. K. Lawton and M. E. Ben-Akiva (1999) Demonstration of an activity-based model for Portland, *World Transport Research*, **3**, 171–184.
- Bowman, J. L. (2009) Population synthesizers, *Traffic Engineering and Control*, **49** (9) 342.
- Bowman, J. L. (2009) Historical development of activity based model theory and practice (part 1), *Traffic Engineering and Control*, **50** (2) 59–62.
- Bowman, J. L. (2009) Historical development of activity based model theory and practice (part 2), *Traffic Engineering and Control*, **50** (7) 314–318.
- Box, G. E. P. and D. R. Cox (1964) An analysis of transformations, *Journal of the Royal Statistical Society*, **26** (2) 211–252.
- Boyce, D. and H. Bar-Gera (2003) Validation of multiclass urban travel forecasting models combining origin-destination, mode, and route choices, *Journal of Regional Science*, **43** (3) 517–540.
- Boyce, D. E., L. J. LeBlanc and K. S. Chon (1988) Network equilibrium models of urban location and travel choices: A retrospective survey, *Journal of Regional Science*, **28** (2) 159–183.
- Boyce, D., B. Ralevic-Dekic and H. Bar-Gera (2004) Convergence of traffic assignments: How much is enough?, *Journal of Transportation Engineering*, **130** (1) 49–55.
- Boyd, J. H. and R. E. Mellman (1980) The effect of fuel economy standards on the U.S. automotive market: An hedonic demand analysis, *Transportation Research Part A: Policy and Practice*, **14** (5–6) 367–378.
- Bradburn, N. M., L. J. Rips and S. K. Shevell (1987) Answering autobiographical questions: the impact of memory and inference on surveys, *Science*, **236** (4798) 157–161.
- Bradley, M. A., J. L. Bowman and B. Griesenbeck (2010) SACSIM: An applied activity-based model system with fine-level spatial and temporal resolution, *Journal of Choice Modelling*, **3** (1) 5–31.
- Bradley, M. A. and P. Vovsha (2005) A model for joint choice of daily activity pattern types of household members, *Transportation*, **32** (5) 545–571.



- Braess, D. (1969) Über ein Paradoxon aus der Verkehrsplanung, *Unternehmensforschung*, **12**, 258–268.
- Bramley, G. and S. Power (2009) Urban form and social sustainability: the role of density and housing type, *Environment and Planning B*, **36** (1) 30–48.
- Brazil, W., B. Caulfield and N. Rieser-Schüssler (2013) Understanding carbon: Making emissions information relevant, *Transportation Research Part D: Transport and Environment*, **19**, 28–33.
- Breiman, L. (2001) Random forests, *Machine Learning*, **45** (1) 5–32.
- Brewer, A. M. and D. A. Hensher (2000) Distributed work and travel behavior: The dynamics of interactive agency choices between employers and employees, *Transportation*, **27** (1) 117–148.
- Bricka, S. and C. R. Bhat (2006) A comparative analysis of GPS-based and travel survey-based data, *Transportation Research Record*, **1972**, 9–20.
- Bricka, S., S. Sen, R. Paleti and C. R. Bhat (2012) A comparative analysis of GPS-based and travel survey-based data, *Transportation Research Part C: Emerging Technologies*, **21** (1) 67–88.
- Brilon, W., H. Zurlinden and J. Geistefeldt (2004) Ganzjahresanalyse des Verkehrsflusses auf Autobahnen, *Straßenverkehrstechnik*, **11**.
- Brilon, W., J. Geistefeldt and H. Zurlinden (2007) Implementing the concept of reliability for highway capacity analysis, *Transportation Research Record*, **2027**.
- Brown, S. (1994) Retail location at the micro-scale: Inventory and prospect, *The Service Industries Journal*, **14** (4) 542–576.
- Brown, L. A. and E. G. Moore (1970) The intra-urban migration process: a perspective, *Geografiska Annaler. Series B, Human Geography*, **52** (1) 1–13.
- Brown, J. J. and A. R. Wildt (1992) Consideration set measurement, *Journal of the Academy of Marketing Science*, **20** (3) 235–243.
- Brown, C., C. E. White, C. van Slyke and J. D. Benson (2009) Consideration set measurement, *Transportation Research Record*, **2137**, 46–53.
- Browning, M. and P. A. Chiappori (1998) Efficient intra-household allocations: A general characterization and empirical tests, *Econometrica*, **55** (6) 1241–1278.
- Browning, M., F. Bourguignon, P. A. Chiappori and V. Lechene (1994) Income and outcomes: A structural model of intrahousehold allocation, *Journal of Political Economy*, **102** (6) 1067–1096.

- Brownstone, D., D. Bunch and K. E. Train (2000) Joint mixed logit models of stated and revealed preferences for alternative-fuel vehicles, *Transportation Research Part B: Methodological*, **34** (4) 315–338.
- Brownstone, D. and K. A. Small (2005) Valuing time and reliability: assessing the evidence from road pricing demonstrations, *Transportation Research Part A: Policy and Practice*, **39** (4) 279–293.
- Brownstone, D. and K. A. Small (2005) Valuing time and reliability: Assessing the evidence from road pricing demonstrations, *Transportation Research Part A*, **39**, 279–293.
- Brunner, J. A. and J. L. Mason (1968) The influence of driving time upon shopping center preference, *Journal of Marketing*, **32** (2) 57–61.
- Buhl, J., J. Gautrais, R. V. Solé, P. Kuntz, S. Valverde, J. L. Deneubourg and G. Theraulaz (2004) Efficiency and robustness in ant networks of galleries, *The European Physical Journal B - Condensed Matter and Complex Systems*, **42** (1) 123–129.
- Buisson, C. and C. Ladier (2009) Exploring the impact of homogeneity of traffic measurements on the existence of macroscopic fundamental diagrams, *Transportation Research Record*, **2124**, 127–136.
- Buliung, R. N., M. J. Roorda and T. K. Remmel (2008) Exploring spatial variety in patterns of activity-travel behaviour: Initial results from the Toronto Travel-Activity Panel Survey (TTAPS), *Transportation*, **35** (6) 697–722.
- Buliung, R. N., T. Hernández and J. E. Mitchell (2007) Exploring the relationship between big-box retailing and consumer travel demand in the Greater Toronto area, *Canadian Journal of Transportation*, **1** (2) 121–141.
- Buriol, L. S., M. G. C. Resende and M. Thorup (2008) Speeding up dynamic shortest-path algorithms, *INFORMS Journal on Computing*, **20** (2) 191–204.
- Burmeister, B., A. Haddadi and G. Matylis (1997) Application of multi-agent systems in traffic and transportation, *IEE Proceedings Software Engineering*, **144** (1) 51–60.
- Burnett, K. P. (1980) Spatial constraints-oriented modelling as an alternative approach to movement: Microeconomic theory and urban policy, *Urban Geography*, **1** (1) 53–67.
- Burnett, P. (1977) Tests of a linear learning model of destination choice: Applications to shopping travel by heterogeneous population groups, *Geografiska Annaler*, **59** (2) 95–108.
- Burnett, K. P. and S. Hanson (1979) Rationale for an alternative mathematical approach to movement as complex behavior, *Transportation Research Record*, **723**, 11–24.
- Burris, M. W. and J. R. Winn (2006) Slugging in houston-casual carpool passenger characteristics, *Journal of Public Transportation*, **9** (5) 23–40.

- Burt, S. and J. Carralero-Encinas (2000) The role of store image in retail internationalisation, *International Marketing Review*, **17** (4/5) 433–453.
- Cadwallader, M. (1995) Interaction effects in models of consumer spatial behaviour, *Applied Geography*, **15** (2) 135–145.
- Cadwallader, M. (1975) A behavioral model of consumer spatial decision making, *Economic Geography*, **51** (4) 339–349.
- Calabrese, F., G. di Lorenzo, L. Liu and C. Ratti (2011) Estimating origin-destination flows using mobile phone location data, *Pervasive Computing*, **11**, 36–44.
- Callahan, P. B. and S. R. Kosaraju (1995) A decomposition of multidimensional point sets with applications, to  $k$ -nearest-neighbors and  $n$ -body potential fields, *Journal of the ACM*, **42** (1) 67–90.
- Calvo, R. W., F. d. Luigi, P. Haastrup and V. Maniezzo (2004) A distributed geographic information system for the daily car pooling problem, *Computers and Operations Research*, **31** (13) 2263–2278.
- Cameron, G. D. B. and G. I. D. Duncan (1996) PARAMICS-parallel microscopic simulation of road traffic, *Journal of Supercomputing*, **10** (1) 25–53.
- Campbell, K. E. and B. A. Lee (1991) Name generators in surveys of personal networks, *Social Networks*, **13** (3) 203–221.
- Cantarella, C. and E. Cascetta (1995) Dynamic process and equilibrium in transportation network: Towards a unifying theory, *Transportation Science A*, **25** (4) 305–329.
- Cantillo, V. and J. d. D. Ortúzar (2005) A semi-compensatory discrete choice model with explicit attribute thresholds of perception, *Transportation Research Part B: Methodological*, **39** (7) 641–657.
- Cantillo, V. and J. d. D. Ortúzar (2006) Implications of thresholds in discrete choice modelling, *Transport Reviews*, **26** (6) 667–691.
- Cao, X., S. L. Handy and G. Mokhtarian (2006) The influences of the built environment and residential self-selection on pedestrian behavior: Evidence from austin, tx, *Transportation*, **33** (1) 1–20.
- Cao, J., M. Menéndez and V. Nikias (2015) The effects of on-street parking on the service rate of nearby intersections, *Journal of Advanced Transportation*.
- Cao, J. and M. Menéndez (2013) Methodology to Evaluate Cost and Accuracy of Parking Patrol Surveys, *Transportation Research Record*, **2359**, 1–9.
- Cao, J. and M. Menéndez (2015) A Parking-State-Based Transition Matrix of Traffic on Urban Networks, *Transportation Research Procedia*, **7**, 149–169.

- Cao, J. and M. Menéndez (2015) System dynamics of urban traffic based on its parking-related-states, *Transportation Research Part B: Methodological*, **81**, 718–736.
- Cao, J. and M. Menéndez (2015) Generalized effects of on-street parking maneuvers on the performance of nearby signalized intersections, *Transportation Research Record*, **2483**, 30–38.
- Cao, X. and G. Mokhtarian (2005) How do individuals adapt their personal travel? Objective and subjective influences on the consideration of travel-related strategies for San Francisco Bay Area commuters, *Transport Policy*, **12** (4) 291–302.
- Cappellari, L. and S. P. Jenkins (2006) Calculation of multivariate normal probabilities by simulation, with applications to maximum simulated likelihood estimation, *The Stata Journal*, **6** (2) 156–189.
- Carbone, A., M. Ajmone-Marsan, K. W. Axhausen, M. Batty, M. Masera and E. Rome (2012) Complexity aided design: The futuristic technological innovation paradigm, *The European Physical Journal*, **214**, 435–459.
- Cardillo, A., S. Scellato, V. Latora and S. Porta (2006) Structural properties of planar graphs of urban street patterns, *Physical Review E*, **73** (6) 1–8.
- Carey, M. and Y. E. Ge (2004) Efficient discretisation for link travel time models, *Networks and Spatial Economics*, **4**, 269–290.
- Carrasco, J. A., B. Hogan, B. Wellman and E. J. Miller (2008) Collecting social network data to study social activity-travel behavior: An egocentric approach, *Environment and Planning B*, **36** (6) 961–980.
- Carrasco, J. A., E. J. Miller and B. Wellman (2008) How far and with whom do people socialize? empirical evidence about the distance between social network members, *Transportation Research Record*, **2076**, 114–122.
- Cardell, N. S. and F. C. Dunbar (1980) Measuring the societal impacts of automobile downsizing, *Transportation Research Part A: Policy and Practice*, **14** (5–6) 423–434.
- Carey, M. and Y. E. Ge (2007) Retaining desirable properties in discretising a travel-time model, *Transportation Research Part B: Methodological*, **41** (5) 540–553.
- Carmona, M., S. Marshall and Q. Stevens (2006) Design codes: Their use and potential, *Progress in Planning*, **65** (4) 209–289.
- Casati, D., K. Müller, P. J. Fourie, A. L. Erath and K. W. Axhausen (2015) Synthetic population generation by combining a hierarchical, simulation-based approach with reweighting by generalized raking, *Transportation Research Record*, **2493**, 107–116.
- Cascetta, E. (1989) A stochastic process approach to the analysis of temporal dynamics in transportation networks, *Transportation Research Part B: Methodological*, **23** (1) 1–17.

- Cascetta, E. and A. Papola (2009) Dominance among alternatives in random utility models, *Transportation Research Part A: Policy and Practice*, **43** (2) 170–179.
- Cascetta, E. and A. Papola (2009) Dominance among alternatives in random utility models, *Transportation Research Part A*, **43** (2) 170–179.
- Cascetta, E. and A. Papola (2003) A joint mode-transit service choice model incorporating the effect of regional transport service timetables, *Transportation Research Part B: Methodological*, **37** (7) 595–614.
- Cascetta, E. and A. Papola (2001) Random utility models with implicit availability/perception of choice alternatives for the simulation of travel demand, *Transportation Research Part C: Emerging Technologies*, **9** (4) 249–263.
- Cascetta, E., F. Russo, F. A. Viola and A. Vitetta (2002) A model of route perception in urban road networks, *Transportation Research Part B: Methodological*, **36** (7) 577–592.
- Casey, H. J. (1955) Applications to traffic engineering of the law of retail gravitation, *Traffic Quarterly*, **IX** (1) 23–35.
- Castiglione, J., J. Freedman and M. A. Bradley (2003) Systematic investigation of variability due to random simulation error in an activity-based microsimulation forecasting model, *Transportation Research Record*, **1831**, 76–88.
- Cervero, R. and K. Kockelman (1997) Travel demand and the 3Ds: Density, diversity, and design, *Transportation Research Part D: Transport and Environment*, **2** (3) 199–219.
- Cerwenka, P. (2001) Wozu noch Verkehrspolitik?, *Der Nahverkehr*, **19** (1–2) 6–8.
- Cerwenka, P. (1997) Die Berücksichtigung von Neuverkehr bei der Bewertung von Verkehrswegeinvestitionen, *Zeitschrift für Verkehrswissenschaft*, **68** (4) 221–248.
- Cetin, N., B. Raney, A. Völlmy, M. Vrtic, K. W. Axhausen and K. Nagel (2003) An agent-based microsimulation model of Swiss travel: First results, *Networks and Spatial Economics*, **3**, 23–41.
- Chabini, I. (1998) Discrete dynamic shortest path problems in transportation applications: Complexity and algorithms with optimal run time, *Transportation Research Record*, **1645**, 170–175.
- Chabini, I. and S. Lan (2002) Adaptations of the A\* algorithm for the computation of fastest paths in deterministic discrete-time dynamic networks, *IEEE Transactions on Intelligent Transportation Systems*, **3** (1) 60–74.
- Chalermpong, S. (2007) Rail transit and residential land use in developing countries: Hedonic study of residential property prices in Bangkok, Thailand, *Transportation Research Record*, **2038**, 111–119.

- Chamhuri, N. and P. J. Batt (2009) Factors influencing the consumer's choice of retail food store, *Stewart Postharvest Review*, **5** (3) 1–7.
- Chang, G.-L., T. Junchaya and A. J. Santiago (1994) A real-time network traffic simulation model for ATMS applications: Part I—simulation methodologies, *Journal of Intelligent Transportation Systems*, **1** (3) 227–241.
- Chapman, R. G. and R. Staelin (1982) Exploiting rank ordered choice set data within the stochastic utility model, *Journal of Marketing Research*, **19** (3) 288–301.
- Charypar, D., K. W. Axhausen and K. Nagel (2007) Event-driven queue-based traffic flow microsimulation, *Transportation Research Record*, **2003**, 35–40.
- Charypar, D. and K. Nagel (2005) Generating complete all-day activity plans with genetic algorithms, *Transportation*, **32** (4) 369–397.
- Charypar, D. and K. Nagel (2006) Q-learning for flexible learning of daily activity plans, *Transportation Research Record*, **1935**, 163–169.
- Chen, A., C. Yang, S. Kongsomsaksakul and M. Lee (2007) Network-based accessibility measures for vulnerability analysis of degradable transportation networks, *Networks and Spatial Economics*, **7** (3) 241–256.
- Chen, A., H. Yang, H. K. Lonad and W. H. Tang (2007) A capacity related reliability for transportation networks, *Journal of Advanced Transportation*, **33** (2) 147–158.
- Chen, W. and Z. Chen (2009) Service reliability analysis of high frequency transit using stochastic simulation, *J Transpn Sys Eng & IT*, **9** (5) 130–134.
- Chen, X. and F. B. Zhan (2008) Agent-based modelling and simulation of urban evacuation: relative effectiveness of simultaneous and stages evacuation strategies, *Journal of the Operational Research Society*, **59** (1) 25–33.
- Chen, J., C. Chen and H. J. P. Timmermans (2008) Accessibility trade-offs in household residential location decisions, *Transportation Research Record*, **2077**, 71–79.
- Chen, X. and M.-P. Kwan (2012) Choice set formation with multiple flexible activities under space-time constraints, *International Journal of Geographical Information Science*, **26** (5) 941–961.
- Chesher, A. and J. M. C. S. Silva (2002) Taste variation in discrete choice models, *The Review of Economic Studies*, **69** (1) 147–168.
- Chiabaut, N. (2015) Evaluation of a multimodal urban arterial: The passenger macroscopic fundamental diagram, *Transportation Research Part B: Methodological*, **In press**.
- Chiabaut, N., X. Xie and L. Leclercq (2014) Performance analysis for different designs of a multimodal urban arterial, *Transportmetrica B*, **2** (3).

- Chikaraishi, M., J. Zhang, A. Fujiwara and K. W. Axhausen (2010) Exploring variation properties of time use behavior based on a multilevel multiple discrete-continuous extreme value model, *Transportation Research Record*, **2156**, 101–110.
- Chikaraishi, M., A. Fujiwara, J. Zhang and K. W. Axhausen (forthcoming) Exploring variation properties of departure time choice behaviour using a multilevel analysis approach, *Transportation Research Record*.
- Chin, T.-L., K. W. Chau and F. F. Ng (2004) The impact of the Asian financial crisis on the pricing of condominiums in Malaysia, *Journal of Real Estate Literature*, **12** (1) 33–50.
- Choi, C. C. and R. Toh (2010) Household interview surveys from 1997 to 2008: A decade of changing travel behaviours, *Journeys*, **5** (May 2010) 52–61.
- Chomsky, N. (1959) On certain formal properties of grammars, *Information and Control*, **2** (2) 137–167.
- Chomsky, N. (1956) Three models for the description of language, *IEEE Transactions on Information Theory*, **2** (2) 113–123.
- Choo, S., T. Lee and P. L. Mokhtarian (2007) Relationships between US consumer expenditures on communications and transportation using Almost Ideal Demand System modeling: 1984–2002, *Transportation Planning and Technology*, **30** (5) 431–453.
- Choo, S., T. Lee and P. L. Mokhtarian (2007) Do transportation and communications tend to be substitutes, complements, or neither? u.s. consumer expenditures perspective, 1984–2002., *Transportation Research Record*, **2010**, 121–132.
- Choo, S. and P. L. Mokhtarian (2007) What type of vehicle do people drive? the role of attitude and lifestyle in influencing vehicle type choice, *Transportation Research Part A: Policy and Practice*, **38** (3) 201–222.
- Chorus, C. G., T. A. Arentze and H. J. P. Timmermans (2008) A random regret-minimization model of travel choice, *Transportation Research Part B: Methodological*, **42** (1) 1–18.
- Chorus, C. G., T. A. Arentze and H. J. P. Timmermans (forthcoming) A random regret-minimization model of travel choice, *Transportation Research Part B: Methodological*.
- Chorus, C. G., E. J. E. Molin and B. van Wee (2006) Travel information as an instrument to change car-drivers' travel choices: a literature review, *European Journal of Transport and Infrastructure Research*, **6** (4) 335–364.
- Cho, S., P. Gordon, J. E. Moore, H. W. Richardson, M. Shinozuka and S. Chang (2001) Integrating transportation network and regional economic models to estimate the costs of a large urban earthquake, *Journal of Regional Science*, **41** (1) 39–65.
- Shahadat, M., C. F. Choudhury, P. Wang and M. C. González (2014) Development of origin–destination matrices using mobile phone call data, *Transportation Research Part C: Emer-*

ging Technologies, **40**, 63–74.

Chou, Y.-L., H. E. Romeijn and R. L. Smith (1998) Approximating shortest paths in large-scale networks with an application to intelligent transportation systems, *INFORMS Journal on Computing*, **10** (2) 163–179.

Chowdhury, D., L. Santen and A. Schadschneider (2000) Statistical physics of vehicular traffic and some related systems, *Physics Reports*, **329** (4–6) 199–329.

Chow, J. Y. and W. W. Recker (2012) Inverse optimization with endogenous arrival time constraints to calibrate the household activity pattern problem, *Transportation Research Part B: Methodological*, **46** (3) 463 – 479.

Chow, J. Y. and A. E. Nurumbetova (2014) A multi-day activity-based inventory routing model with space-time-needs constraints, *Transportmetrica A*, 1 – 27.

Chu, Y. L. (2003) Empirical analysis of commute stop-making behavior, *Transportation Research Record*, **1831**, 106–113.

Chung, E.-H. and A. Shalaby (2005) A trip bases reconstruction tool for GPS-based personal travel surveys, *Transportation Planning and Technology*, **28** (5) 381–401.

Church, R. L., M. P. Scaparra and R. S. Middleton (2004) Identifying critical infrastructure: The median and covering and facility interdiction problems, *Annals of the Association of American Geographers*, **94** (3) 491–502.

Church, R. L. and M. P. Scaparra (2007) Protecting critical assets the r-interdiction median problem with fortification, *Geographical Analysis*, **39** (2) 126–146.

Chu, Y.-L. (2002) Automobile ownership analysis using ordered probit models, *Transportation Research Record*, **1805**, 60–67.

Cepeda, M., R. Cominetti and M. Florian (2006) A frequency-based assignment model for congested transit networks with strict capacity constraints: characterization and computation of equilibria, *Transportation Research Part B*, **40** (1) 437–459.

Chan, C. (2007) The state of the art of electric, hybrid, and fuel cell vehicles, *PIEEE*, **95** (4) 704–718.

Christakis, N. A. and J. H. Fowler (2008) The collective dynamics of smoking in a large social network, *The New England Journal of Medicine*, **358** (21) 2249–2258.

Christakis, N. A. and J. H. Fowler (2010) Social network sensors for early detection of contagious outbreaks, *PLoS ONE*, **5** (9) e12948.

Ciari, F., N. Schüssler and K. W. Axhausen (2012) Estimation of car-sharing demand using an activity-based microsimulation approach: Model discussion and some results, *IJST*, **7** (1) 70–84.



Ciari, F., B. Bock and M. Balmer (forthcoming) Modeling the effect of different pricing schemes on free-floating carsharing travel demand: test case study for Zurich, Switzerland, *Transportation*.

Ciari, F., B. Bock and M. Balmer (2014) Modeling station-based and free-floating carsharing demand: test case study for Berlin, *Transportation Research Record*, **2416**, 37–47.

Ciari, F. and C. Weis (forthcoming) Carsharing membership in Switzerland: modeling the influence of socio-demographics and accessibility, *EURO Journal on Transportation and Logistics*.

Ciari, F., C. Weis and M. Balac (2015) Evaluating the influence of carsharing stations' location on potential membership: a Swiss case study, *EURO Journal on Transportation and Logistics*.

Ciari, F., M. Balac and M. Balmer (2015) Modelling the effect of different pricing schemes on free-floating carsharing travel demand: a test case for Zurich, Switzerland, *Transportation*, **42** (3) 413–433.

Cik, M., M. Fellendorf and J. Vogel (2014) Cell phone data as an extension for traffic models, *Straßenverkehrstechnik*, **11**, 739–744.

Cirillo, C. and K. W. Axhausen (2006) Evidence on the distribution of values of travel time savings from a six-week diary, *Transportation Research Part A: Policy and Practice*, **40** (5) 444–457.

Cirillo, C. and K. W. Axhausen (forthcoming) Dynamic model of activity type choice and scheduling, *Transportation*.

Clark, A. F. and S. T. Doherty (2010) A multi-instrumented approach to observing the activity rescheduling decision process, *Transportation*, **37** (1) 165–181.

Clark, A. F. and S. T. Doherty (2002) Sensitivity analysis of the probit-based stochastic user equilibrium assignment model, *Transportation Research Part B*, **36** (7) 617–635.

Clark, W. A. V. and J. L. Onaka (1983) Life Cycle and Housing Adjustment as Explanations of Residential Mobility, *Urban Studies*, **20** (1) 47–57.

Clever, R. (2005) Eine Vision für Berlin und den Transrapid, *Zeitschrift für Verkehrswissenschaft*, **76** (1) 69–89.

Coffman, E. G., M. J. Elphick and A. Shoshani (1971) System deadlocks, *Computing Surveys*, **3** (2) 67–78.

Cohen, H. and F. Southworth (1999) On the measurement and valuation of travel time variability due to incidents on freeways, *Journal of Transportation and Statistics*, **2** (2) 123–131.

Coller, M. and M. B. Williams (1999) Eliciting individual discount rates, *Experimental Economics*, **2** (2) 107–127.

- Connors, R. D., A. Sumalee and D. P. Watling (2007) Sensitivity analysis of the variable demand probit stochastic user equilibrium with multiple user-classes, *Transportation Research Part B*, **41** (6) 593–615.
- Converse, P. D. (1949) New laws of retail gravitation, *Journal of Marketing*, **14** (3) 379–384.
- Cools, M., E. Moons and G. Wets (2010) Calibrating activity-based models with external origin-destination information: Overview of different possibilities, *Transportation Research Record*, **2175**, 98–110.
- Copperman, R. B. and C. R. Bhat (2007) An analysis of the determinants of children's weekend physical activity participation, *Transportation*, **34** (1) 67–87.
- Cormican, K. J., D. P. Morton and K. R. Wood (1998) Stochastic network interdiction, *Operations Research*, **46** (2) 184–197.
- Correia, G. and J. M. Viegas (2011) Carpooling and carpool clubs: Clarifying concepts and assessing value enhancement possibilities through a stated preference web survey in Lisbon, Portugal, *Transportation Research Part A: Policy and Practice*, **45**, 81–90.
- Corthout, R., G. Flötteröd, F. Viti and C. M. J. Tampère (2012) Non-unique flows in macroscopic first-order intersection models, *Transportation Research Part B*, **46** (3) 343–359.
- Costello, A. B. and J. W. Osborne (2005) Best practices in exploratory factor analysis: Four recommendations for getting the most from your analysis, *Practical Assessment, Research & Evaluation*, **10** (7) 173–178.
- Cottrill, C. D., F. C. Pereira, F. Zhao, I. Dias, H. B. Lim, M. E. Ben-Akiva and P. C. Zengras (2013) Future mobility survey: Experience in developing a smartphone-based travel survey in singapore, *Transportation Research Record*, **2354**, 95–67.
- Courtat, T., C. Gloaguen and S. Douady (2011) Mathematics and morphogenesis of cities: A geometrical approach, *Physical Review E*, **83** (3) 1–12.
- Cova, T. J. and J. P. Johnson (2002) Microsimulation of neighborhood evacuations in the urban-wildland interface, *Environment and Planning A*, **34** (12) 2211–2229.
- Cova, T. J. and J. P. Johnson (2003) A network flow model for lane-based evacuation routing, *Transportation Research Part A: Policy and Practice*, **37**, 579–604.
- Cowan, R. (1975) Useful headway models, *Transportation Research*, **9** (6) 371–375.
- Cox, W. E. and E. F. Cooke (1970) Other dimensions involved in shopping center preference, *Journal of Marketing*, **34**, 12–17.
- Cox, L. H. (1987) A constructive procedure for unbiased controlled rounding, *Journal of the American Statistical Association*, **82**, 524.

- Crandall, D. J., L. Backstrom, D. Cosley, S. Suri, D. Huttenlocher and J. Kleinberg (2010) Inferring social ties from geographic coincidences, *Proceedings of the National Academy of Sciences of the United States of America*, **107** (52) 22436–22441.
- Creutzig, F. and D. He (2009) Climate change mitigation and co-benefits of feasible transport demand policies in Beijing, *Transportation Research Part D: Transport and Environment*, **14** (2) 120–131.
- Crompton, J. L. (1992) Structure of vacation destination choice sets, *Annals of Tourism Research*, **19** (3) 420–434.
- Crompton, J. L. and P. K. Ankomah (1993) Choice set propositions in destination decisions, *Annals of Tourism Research*, **20** (3) 461–476.
- Crouch, G. I. (1994) The Study of International Tourism Demand: A Survey of Practice, *Journal of Travel Research*, **32** (4) 41–55.
- Crucitti, P., V. Latora and S. Porta (2006) Centrality in networks of urban streets, *Chaos*, **16** (1) 1–9.
- Crucitti, P., V. Latora, M. Marchiori and A. Rapisarda (2003) Efficiency of scale-free networks: Error and attack tolerance, *Physica A: Statistical Mechanics and its Applications*, **320** (1–2) 622–642.
- Crucitti, P., V. Latora and M. Marchiori (2004) A topological analysis of the italian electric power grid, *Physica A: Statistical Mechanics and its Applications*, **338** (1–2) 92–97.
- Crucitti, P., V. Latora and S. Porta (2006) Centrality measures in spatial networks of urban streets, *Physical Review E*, **73** (1) 1–5.
- Csiszár, I. (1975)  $I$ -divergence geometry of probability distributions and minimization, problems, *Annals of Probability*, **3**, 146–158.
- Dafermos, S. (1971) An extended traffic assignment model with applications to two-way traffic, *Transportation Science*, **5** (4) 367–389.
- Dafermos, S. (1980) Traffic equilibrium and variational inequalities, *Transportation Science*, **14** (1) 42–54.
- Dafermos, S. (1983) An iterative scheme for variational inequalities, *Mathematical Programming*, **26** (1) 40–47.
- Dafermos, S. (1982) Relaxation algorithms for the general asymmetric traffic equilibrium problem, *Transportation Science*, **16** (2) 231–240.
- Daganzo, C. F. (1998) Queue spillovers in transportation networks with a route choice, *Transportation Science*, **32** (1) 3–11.

- Daganzo, C. F. (1983) Stochastic network equilibrium with multiple vehicle types and asymmetric, indefinite link cost jacobians, *Transportation Science*, **17** (3) 282–300.
- Daganzo, C. F. (2010) Structure of competitive transit networks, *Transportation Research Part B*, **44** (4) 434–446.
- Daganzo, C. F. (2008) A headway-based approach to eliminate bus bunching: Systematic analysis and comparisons, *Transportation Research Part B*, **43** (10) 913–921.
- Daganzo, C. F. (2007) Urban gridlock: Macroscopic modeling and mitigation approaches, *Transportation Research Part B*, **41** (1) 49–62.
- Daganzo, C. F. (1994) The cell transmission model: A dynamic representation of highway traffic consistent with the hydrodynamic theory, *Transportation Research Part B*, **28** (4) 269–287.
- Daganzo, C. F., V. V. Gayah and E. J. Gonzales (2011) Macroscopic relations of urban traffic variables: Bifurcations, multivaluedness and instability, *Transportation Research Part B*, **45** (1) 278–288.
- Daganzo, C. F. and N. Geroliminis (2008) An analytical approximation for the macroscopic fundamental diagram of urban traffic, *Transportation Research Part B: Methodological*, **42** (9) 771–781.
- Daganzo, C. F. and Y. Sheffi (1977) On stochastic models of traffic assignment, *Transportation Science*, **11** (3) 253–274.
- Daly, A. J. (1982) Estimating choice models containing attraction variables, *Transportation Research Part B: Methodological*, **16** (1) 5–15.
- Daly, A. J. and M. Bierlaire (2006) A general and operational representation of Generalised Extreme Value models, *Transportation Research Part B: Methodological*, **40** (4) 285–305.
- Daly, A. J. and J. d. D. Ortúzar (1990) Forecasting and data aggregation: Theory and practice, *Traffic Engineering and Control*, **31**, 632–643.
- Dalziel, E. and A. Nicholson (2001) Risk and impact of natural hazards on a road network, *Journal of Transportation Engineering*, **127** (2) 159–166.
- Dantzig, G. B. (1957) Discrete-variable extremum problems, *Operations Research*, **5** (2) 266–288.
- Darbha, S., K. R. Rajagopal and V. Tyagi (2008) A review of mathematical models for the flow of traffic and some recent results, *Nonlinear Analysis*, **69** (3) 950–970.
- Darlington, P. J. (1978) Altruism: Its characteristics and evolution, *Proceedings of the National Academy of Sciences of the United States of America*, **75** (1) 385–389.

- Dargay, J. M. (2001) The effect of income on car ownership: evidence of asymmetry, *Transportation Research Part A: Policy and Practice*, **35** (9) 807–821.
- Dash, N. and H. Gladwin (2007) Evacuation decision making and behavioral responses: Individual and household, *Natural Hazards Review*, **8** (3) 69–77.
- David, N. (2009) Validation and verification in social simulation: Patterns and clarification of terminology, *Epistemological Aspects of Computer Simulation in the Social Sciences*, **5466**, 117–129.
- Davies, F. M., M. M. H. Goode, L. A. Moutinho and E. Ogbonna (2001) Critical factors in consumer supermarket shopping behaviour: A neural network approach, *Journal of Consumer Behaviour*, **1** (1) 35–49.
- de Palma, A. and N. Picard (2005) Route choice decision under travel time uncertainty, *Transportation Research Part A*, **39**, 295–324.
- Deaton, A., J. Ruiz-Castillo and D. Thomas (1989) The influence of household composition on household expenditure patterns: Theory and Spanish evidence, *Journal of Political Economy*, **97** (1) 179–200.
- Deaton, A. and J. Muellbauer (1980) An almost ideal demand system, *American Economic Review*, **70** (3) 312–326.
- Debreu, G. (1960) Review of R.D. Luce individual choice behavior, *American Economic Review*, **50** (1) 186–188.
- De Cantis, S., A. M. Parroco, M. Ferrante and F. Vaccina (2015) Unobserved tourism, *Annals of Tourism Research*, **50**, 1–18.
- Deflorio, F. P. (2011) Simulation of requests in demand responsive transport systems, *Intelligent Transport Systems, IET*, **5** (3) 159–167.
- de Haan, P., M. Müller and A. Peters (2007) Comparison of buyers of hybrid and conventional internal combustion engine automobiles, *Transportation Research Record*, **1983**, 106–113.
- de Haan, P., M. Müller and R. W. Scholz (2009) How much do incentives affect car purchase? Agent-based microsimulation of consumer choice of new cars – part II: Forecasting effects of feebates based on energy-efficiency, *Journal of Energy Policy*, **37** (3) 1083–1094.
- de Jong, G. (1990) An indirect utility model of car use, *European Economic Review*, **34** (5) 971–985.
- de Jong, G., A. J. Daly, M. Pieters, S. Miller, R. Plasmeijer and F. Hofman (2007) Uncertainty in traffic forecasts: Literature review and new results for the Netherlands, *Transportation*, **34** (4) 375–395.
- Delleart, B. G. C., T. A. Arentze, M. Bierlaire, A. W. J. Borgers and H. J. P. Timmermans

(1998) Investigating consumers' tendency to combine multiple shopping purposes and destinations, *Journal of Marketing Research*, **35** (2) 177–188.

De Lapparent, M., K. W. Axhausen and A. Frei (2013) Long distance mode choice and distributions of values of travel time savings in three European countries, *European Transport*, **53**, 1–31.

Delleart, B. G. C., A. W. J. Borgers and H. J. P. Timmermans (1997) Development and test of stage-dependent conjoint choice experiments, *Journal of Retailing and Consumer Services*, **4** (1) 25–37.

Deming, W. E. and F. F. Stephan (1940) On the least squares adjustment of a sampled frequency table when the expected marginal totals are known, *Annals of Mathematical Statistics*, **11** (4) 427–444.

de Palma, A. and R. Lindsey (2002) Comparison of morning and evening commutes in the vickrey bottleneck model, *Transportation Research Record*, **1807** (1) 26–33.

de Palma, A., N. Picard and P. A. Waddell (2007) Discrete choice models with capacity constraints: An empirical analysis of the housing market of the greater Paris region, *Journal of Urban Economics*, **62** (2) 204–230.

de Palma, A. and R. Lindsey (2011) Traffic congestion pricing methodologies and technologies, *Transportation Research Part C: Emerging Technologies*, **19** (6) 1377–1399.

de Palma, A. and F. Marchal (2002) Real cases applications of the fully dynamic METROPO-LIS tool-box: An advocacy for large-scale mesoscopic transportation systems, *Networks and Spatial Economics*, **2** (4) 347–369.

de Palma, A., M. Kilani and R. Lindsey (2005) Congestion pricing on a road network: A study using the dynamic equilibrium simulator METROPOLIS, *Transportation Research Part A: Policy and Practice*, **39** (7-9) 588–611.

de Jong, G., J. Fox, A. J. Daly, M. Pieters and R. Smit (2004) Comparison of car ownership models, *Transport Reviews*, **24** (4) 379–508.

DeSerpa, A. C. (1971) A theory of the economics of time, *The Economic Journal*, **81** (324) 828–846.

Deutsch, K. and K. G. Goulias (2013) Decision makers and socializers, social networks and the role of individuals as participants, *Transportation*, **40** (4) 775–771.

Deville, F., M. A. Munizaga and M. Trépanier (2012) Detection of activities of public transport users by analyzing smart card data, *Transportation Research Record*, **2276**, 48–55.

Deville, J.-C. and C.-E. Särndal (1992) Calibration estimators in survey sampling, *Journal of the American Statistical Association*, **87** (418) 376–382.

- Deville, J.-C., C.-E. Särndal and O. Sautory (1993) Generalized raking procedures in survey sampling, *Journal of the American Statistical Association*, **88** (423) 1013–1020.
- Dial, R. B. (1967) Transit pathfinder algorithms, *Highway Research Record*, **205** (1) 67–85.
- Dial, R. B. (1971) A probabilistic multipath traffic assignment model which obviates path enumeration, *Transportation Research*, **5** (2) 83–111.
- Dickson, J. (1981) A note on traffic assignment and signal timings in a signal-controlled road network, *Transportation Research Part B: Methodological*, **15** (4) 267–272.
- Dieleman, F. M. (2001) Modelling residential mobility; a review of recent trends in research, *Journal of Housing and the Built Environment*, **5**, 249–265.
- Dielman, T. E. (1986) A comparison of forecasts from least absolute value and least squares regression, *Journal of Forecasting*, **5**, 189–195.
- Dijkstra, E. W. (1959) A note on two problems in connexion with graphs, *Numerische Mathematik*, **1**, 269–271.
- Dion, F., H. Rakha and Y.-S. Kang (2004) Comparison of delay estimates at under-saturated and over-saturated pre-timed signalized intersections, *Transportation Research Part B*, **38** (2) 99–122.
- Dixit, V. V., S. Ramasamy and E. Radwan (2008) Assessment of I-4 contraflow plans: Microscopic versus mesoscopic simulation, *Transportation Research Record*, **2041**, 89–97.
- Dobler, C., M. Kowald, N. Schüssler and K. W. Axhausen (2012) Within-day replanning of exceptional events, *Transportation Research Record*, **2302**, 138–147.
- Doherty, S. T., C. Noel, M. E. H. Lee-Gosselin, C. Sirois, M. Ueno and F. Theberge (2001) Moving beyond observed outcomes: Integrating Global Positioning Systems and interactive computer-based travel behaviour surveys, *Transportation Research E-Circular*, **C026**, 449–466.
- Doherty, S. T. and E. J. Miller (2000) A computerized household activity scheduling survey, *Transportation*, **27** (1) 75–97.
- Doherty, S. T. (2005) How far in advance are activities planned? Measurement challenges and analysis, *Transportation Research Record*, **1926**, 41–49.
- Dombroski, M., B. Fischhoff and P. Fischbeck (2006) Predicting emergency evacuation and sheltering behavior: A structured analytical approach, *Risk Analysis*, **26** (6) 1675–1688.
- Dong, X., M. E. Ben-Akiva, J. L. Bowman and J. L. Walker (2006) Moving from trip-based to activity-based measures of accessibility, *Transportation Research Part A: Policy and Practice*, **40** (2) 163–180.

- Dow, K. and S. L. Cutter (1998) Crying wolf: Repeat responses to hurricane evacuation orders, *Coastal Management*, **26** (4) 237–252.
- Dow, K. and S. L. Cutter (2000) Public orders and personal opinions: Household strategies for hurricane risk assessment, *Global Environmental Change Part B: Environmental Hazards*, **2** (4) 143–155.
- Dow, K. and S. L. Cutter (2002) Emerging hurricane evacuation issues: Hurricane Floyd and South Carolina, *Natural Hazards Review*, **3** (1) 12–18.
- Downs, A. (1962) The law of peak-hour expressway congestion, *Traffic Quarterly*, **16** (3) 393–409.
- Doyle, J. C., D. L. Alderson, L. Li, S. Low, M. Roughan, S. Shalunov, R. Tanaka and W. Willinger (2005) The “robust yet fragile” nature of the internet, *Proceedings of the National Academy of Sciences of the United States of America*, **102** (41) 14497–14502.
- Drabek, T. E. (1969) Social processes in disaster: Family evacuation, *Social Problems*, **16** (3) 336–349.
- Draijer, G., N. Kalfs and J. Perdok (2000) Global Positioning System as data collection method for travel research, *Transportation Research Record*, **1719**, 147–153.
- Duarte, A., J. M. Rocha and G. D. Soares (2007) Unveiling the structure of the Marrakech Medina: A shape grammar and an interpreter for generating urban form, *Artificial Intelligence for Engineering Design, Analysis, and Manufacturing*, **21** (4) 317–349.
- Du, J. and L. Aultman-Hall (2007) Increasing the accuracy of trip rate information from passive multi-day GPS travel datasets: Automatic trip end identification issues, *Transportation Research Part A: Policy and Practice*, **41** (3) 220–232.
- Beck, M. J., S. Hess, M. Ojeda Cabral and I. Dubernet (2017) Valuing travel time savings: A case of short-term or long term choices?, *Transportation Research Part E: Logistics and Transportation Review*, **100**, 133 – 143.
- Dubernet, T. and K. W. Axhausen (2013) Including joint decision mechanisms in a multiagent transport simulation, *Transportation Letters*, **5** (4) 175–183.
- Dubernet, T. and K. W. Axhausen (2015) Implementing a household joint activity-travel multi-agent simulation tool: First results, *Transportation*, **42** (5) 753–769.
- Dugundji, E. R., A. Páez and T. A. Arentze (2008) Social networks, choices, mobility, and travel, *Environment and Planning B*, **35** (6) 956–960.
- Dugundji, E. R., A. Páez, T. A. Arentze, J. L. Walker, J. A. Carrasco, F. Marchal and H. Nakanishi (2011) Transportation and social interactions, *Transportation*, **45** (4) 239–247.
- Dugundji, E. R., A. Páez and T. A. Arentze (2012) Urban mobility and social-spatial contact



— introduction, *Environment and Planning A*, **44** (5) 1011–1015.

Dugundji, E. R. and J. L. Walker (2005) Discrete choice with social and spatial network interdependencies: An empirical example using mixed GEV models with field and “panel” effects, *Transportation Research Record*, **1921**, 70–78.

Dunlap, R. E. and K. D. van Liere (1978) The new environmental paradigm": A proposed measuring instrument and preliminary results, *Journal of Environmental Education*, **9**, 10–19.

Dupuis, P. and A. Nagurney (1993) Dynamical systems and variational inequalities, *Annals of Operations Research*, **44** (1) 7–42.

Dynan, K., J. Skinner and S. P. Zeldes (2004) Do the rich save more?, *Journal of Political Economy*, **112** (2) 397–444.

East, R., P. Harris, W. Lomax, G. Wilson and K. Hammond (1998) Customer defection from supermarkets, *Advances in Consumer Research*, **25** (1) 507–512.

Ebel, H., L.-I. Mielsch and S. Bornholdt (2002) Scale-free topology of e-mail networks, *Physical Review E*, **66** (3) 035103.

Echenique, P., J. Gómez-Gardeñes and Y. Moreno (2004) Improved routing strategies for internet traffic delivery, *Physical Review E*, **70** (5) 056105.

Efrat, E. (1992) The geography of a population mass-escape from the Tel Aviv area during the gulf war, *The Geographical Journal*, **158** (2) 199–206.

Ehreke, I., S. Hess, C. Weis and K. W. Axhausen (2015) Reliability in the German Value of Time Study, *Transportation Research Record*, **2495**, 14–22.

Daganzo, C. F. (2006) Bus lanes with intermittent priority: Strategy formulae and an evaluation, *Transportation Research Part B*, **40** (9) 731–744.

Eichler, D., H. Bar-Gera and M. Blachman (2012) Vortex-based zero-conflict design of urban road networks, *Networks and Spatial Economics*, (online) 1–12.

Elalouf, A. (2012) Efficient routing of emergency vehicles under uncertain urban traffic conditions, *Journal of Service Science and Management*, **5** (3) 23–36.

Eliasson, J. and L.-G. Mattsson (2006) Equity effects of congestion pricing: Quantitative methodology and a case study for Stockholm, *Transportation Research Part A: Policy and Practice*, **40** (7) 602–620.

Eluru, N., I. N. Sener, C. R. Bhat, R. M. Pendyala and K. W. Axhausen (2009) Understanding residential mobility: A joint model of the reason for residential relocation and stay duration, *Transportation Research Record*, **2** (2133) 64–74.

Embrechts, P. and M. Hofert (2013) Statistical inference for copulas in high dimensions: A

simulation study, *ASTIN Bulletin*, **43** (2) 81–95.

Embrechts, P. (2009) Copulas: A personal view, *Journal of Risk and Insurance*, **76** (3) 639–650.

Emmerink, R. H. M., P. Nijkamp, P. Rietveld and K. W. Axhausen (1994) The economics of motorist information systems revisited, *Transport Reviews*, **14** (4) 363–388.

Emmerink, R. H. M., K. W. Axhausen, P. Nijkamp and P. Rietveld (1995) Effects of information in road transport networks with recurrent congestion, *Transportation*, **22** (1) 21–53.

Emmerink, R. H. M., K. W. Axhausen, P. Nijkamp and P. Rietveld (1995) The potential of information provision in a simulated road transport network with non-recurrent congestion, *Transportation Research Part C: Emerging Technologies*, **3** (5) 293–309.

Epstein, J. M. (2008) Why model?, *Journal of Artificial Societies and Social Simulation*, **11** (4) 12.

Erkut, E. (1990) The discrete p-dispersion problem, *European Journal of Operational Research*, **46** (1) 48–60.

Ertl, G. (1998) Shortest path calculation in large road networks, *OR Spectrum*, **20** (1) 15–20.

Erath, A. L., J. Birdsall, K. W. Axhausen and R. Hajdin (forthcoming) Vulnerability assessment of the Swiss road network, *Transportation Research Record*.

Erath, A. L., J. Birdsall, K. W. Axhausen and R. Hajdin (2009) Vulnerability assessment of the Swiss road network, *Transportation Research Record*, **2137**, 118–128.

Erath, A. L., M. Löchl and K. W. Axhausen (2009) Graph-theoretical analysis of the Swiss road and railway networks over time, *Networks and Spatial Economics*, **9** (3) 379–400.

Erath, A. L. (2010) Beeinflusst der Benzinpreis die Wahl des Verkehrsmittels und des Wohnstandortes?, *Netzwerk Stadt und Landschaft Newsletter*, **6**.

Erath, A. L. and M. A. B. van Eggermond (2014) Embracing Walkability, *FCL Magazine*, **2**, 54–59.

Erath, A. L., P. J. Fourie, S. A. Ordóñez Medina and A. Chakirov (2015) From Big Data to Smart Data, *FCL Magazine*, **3**, 76–81.

Erickson, B. H. (1979) Some problems of inference from chain data, *Sociological Methodology*, **10**, 276–302.

Axhausen, K. W. and A. L. Erath (2011) Urban Sustainability and Transportation: Research Framework for Medium and Long Term Transport Planning, *Journeys*, **7**.

Eckhardt, R. (1987) Stan Ulam, John von Neumann, and the Monte Carlo method, *Los Alamos*

*Science*, **15** (1) 131–137.

Erhardt, G. D., J. Freedman, A. Stryker, H. Fujioka and R. Anderson (2007) Ohio long-distance travel model, *Transportation Research Record*, **2003**, 130–138.

Eroglu, S. and G. D. Harrell (1986) Retail crowding: Theoretical and strategic implications, *Journal of Retailing*, **62** (4) 346–363.

Eroglu, S. and K. A. Machleit (1990) An empirical study of retail crowding: Antecedents and consequences, *Journal of Retailing*, **66** (2) 201–221.

Eroglu, S., K. A. Machleit and T. Feldman Barr (2005) Perceived retail crowding and shopping satisfaction: The role of shopping values, *Journal of Business Research*, **58** (8) 1146–1153.

Estrada, M., M. Roca-Riu, H. Badia, F. Robuste and C. F. Daganzo (2011) Design and implementation of efficient transit networks: Procedure, case study and validity test, *Transportation Research Part A: Policy and Practice*, **45** (9) 935–950.

Ettema, D. F., H. J. P. Timmermans and T. A. Arentze (2004) Modelling perception updating of travel times in the context of departure time choice under ITS, *Journal of Intelligent Transportation Systems*, **8** (1) 33–44.

Ettema, D. F. and H. J. P. Timmermans (2007) Space-Time Accessibility Under Conditions of Uncertain Travel Times : Theory and Numerical Simulations, *Geographical Analysis*, **39**, 217–240.

Ettema, D. F., T. Schwanen and H. J. P. Timmermans (2007) The effect of location, mobility and socio-demographic factors on task and time allocation of households, *Transportation*, **34** (1) 89–105.

Ettema, D. F., G. Tamminga, H. J. P. Timmermans and T. A. Arentze (2005) A micro-simulation model system of departure time using a perception updating model under travel time uncertainty, *Transportation Research Part A: Policy and Practice*, **39** (4) 325–344.

Ettema, D. F., A. W. J. Borgers and H. J. P. Timmermans (1995) Competing risk hazard model of activity choice, timing, sequencing, and duration, *Transportation Research Record*, **1493**, 101–109.

Ettema, D. F., A. W. J. Borgers and H. J. P. Timmermans (1996) SMASH (simulation model of activity scheduling heuristics): Some simulations, *Transportation Research Record*, **1551**, 88–94.

Ettema, D. F., A. W. J. Borgers and H. J. P. Timmermans (1997) A simulation model of activity scheduling behaviour, *Transportation Research Record*, **1413**, 1–11.

Evans, S. P. (1976) Derivation and analysis of some models for combining trip distribution and assignment, *Transportation Research*, **10** (1) 37–57.

- Ewing, R. and R. Cervero (2010) Travel and the built environment, *Journal of the American Planning Association*, **76** (3) 265–294.
- Ewing, G. and E. Sarigöllü (2000) Assessing consumer preferences for clean-fuel vehicles: A discrete choice experiment, *Journal of Public Policy & Marketing*, **19** (1) 106–118.
- Fagnant, D. J. and K. Kockelman (2016) Dynamic ride-sharing and fleet sizing for a system of shared autonomous vehicles in austin, texas, *Transportation*.
- Fagnant, D. J. and K. Kockelman (2014) The travel and environmental implications of shared autonomous vehicles, using agent-based model scenarios, *Transportation Research Part C: Emerging Technologies*, **40**, 1–13.
- Fahmy, M. (2006) Wodka-Partys im Heidiland, *FACTS*, **11** (4) 46–47.
- Faivre D’Arcier, B., O. Andan and C. Raux (1998) Stated adaptation surveys and choice process: Some methodological issues, *Transportation*, **2** (25) 169–185.
- Falk, A., E. Fehr and U. Fischbacher (2003) On the nature of fair behavior, *Economic Inquiry*, **41** (1) 20–26.
- Fan, W. and R. B. Machemehl (2006) Optimal transit route network design problem with variable transit demand: Genetic algorithm approach, *Journal of Transportation Engineering*, **132** (1) 40–51.
- Fan, W. and R. B. Machemehl (2006) Using a simulated annealing algorithm to solve the transit route network design problem, *Journal of Transportation Engineering*, **132** (2) 122–132.
- Fan, J. X. and V. S. Zuiker (1998) A comparison of household budget allocation patterns between hispanic Americans and non-hispanic white Americans, *Journal of Family and Economic Issues*, **19** (2) 151–174.
- Farber, S. and M. Yeates (2006) A comparison of localized regression models in a hedonic house price context, *Canadian Journal in Regional Science*, **29** (3) 405–420.
- Farzin, J. M. (2008) Constructing an automated bus origin-destination matrix using Farecard and Global Positioning System data in São Paulo, Brazil, *Transportation Research Record*, **2072**, 30–37.
- Fang, H. A. (2008) A discrete-continuous model of households’ vehicle choice and usage, with an application to the effects of residential density, *Transportation Research Part B: Methodological*, **42** (9) 736–758.
- Feeney, B. P. (1989) A review of the impact of parking policy measures on travel demand, *Transportation Planning and Technology*, **13** (4) 229–234.
- Fehr, E. and B. Rockenbach (2004) A review of the impact of parking policy measures on travel demand, *Current Opinion in Neurobiology*, **14** (6) 784–790.

- Fehr, E. and K. M. Schmidt (1999) A theory of fairness, competition and cooperation, *Quarterly Journal of Economics*, **114**, 817–868.
- Feld, S. L. (1991) Why your friends have more friends than you do, *The American Journal of Sociology*, **96** (6) 1464–1477.
- Ferguson, E. (1997) The rise and fall of the american carpool: 1970-1990, *Transportation*, **24**, 349–376.
- Ferris, M. C., A. Meeraus and T. F. Rutherford (1999) Computing wardropian equilibria in a complementarity framework, *Optimization Methods and Software*, **10** (5) 669–685.
- Fessant, F. and S. Midenet (2002) Self-Organising Map for Data Imputation and Correction in Surveys, *Neural Computing Applications*, **10** (4) 300–310.
- Fienberg, S. E. (1970) An iterative procedure for estimation in contingency tables, *Annals of Mathematical Statistics*, **41**, 907–917.
- Ficici, S. G., O. Melnik and J. B. Pollack (2005) A game-theoretic and dynamical-systems analysis of selection method in coevolution, *IEEE Transactions on Evolutionary Computation*, **9** (6) 580–602.
- Fifer, S., S. Greaves, J. M. Rose and R. Ellison (2011) A combined GPS/stated choice experiment to estimate values of crash-risk reduction, *Journal of Choice Modelling*, **4** (1) 44–61.
- Figueiredo, M. A. and A. K. Jain (2002) Unsupervised Learning of Finite Mixture Models, *IEEE Transactions on pattern analysis and machine intelligence*, **24** (5) 381–396.
- Finkel, R. A. and J. L. Bentley (1974) Quadrees a data structure for retrieval on composite keys, *Acta Informatica*, **4** (1) 1–9.
- Fishman, E., S. Washington and N. Haworth (2013) Bike share: a synthesis of the literature, *Transport Reviews*, **33** (2) 148–165.
- Fishburn, P. C. (1982) Non-transitive measurable utility, *Journal of Mathematical Psychology*, **26** (1) 31–67.
- Fisher, M. and M. Wooldridge (1997) On the formal specification and verification of multi-agent systems, *International Journal of Cooperative Information Systems*, **6** (1) 37–65.
- Fleisher, A. (1992) grammatical architecture?, *Environment and Planning B*, **19** (2) 221–226.
- Fletcher, R. and M. J. D. Powell (1963) A rapidly convergent descent method for minimization, *The Computer Journal*, **6** (2) 163–168.
- Florian, M. and S. Nguyen (1978) A combined trip distribution modal split and trip assignment model, *Transportation Research*, **12** (4) 241–246.

- Flyvbjerg, B., M. S. Holm and S. Buhl (2002) Underestimating costs in public works projects, *Journal of the American Planning Association*, **68** (3) 279–295.
- Ford, L. R. and D. R. Fulkerson (1956) Maximal flow through a network, *Canadian Journal of Mathematics*, **8** (3) 399–404.
- Ford, J. S., R. C. Rutherford and A. Yavas (2005) The effects of the internet on marketing residential real estate, *Journal of Housing Economics*, **14** (2) 92–108.
- Forrest, T. L. and D. F. Pearson (2005) Comparison of Trip Determination Methods in Household Travel Surveys Enhanced by a Global Positioning System, *Transportation Research Record*, **1917**, 63–71.
- Fosgerau, M. and A. Karlström (2010) The value of reliability, *Transportation Research Part B: Methodological*, **44** (1) 38–49.
- Fosgerau, M. and M. Bierlaire (2007) A practical test for the choice of mixing distribution in discrete choice models, *Transportation Research Part B: Methodological*, **41** (7) 784–794.
- Fotheringham, A. S. (1983) Some theoretical aspects of destination choice and their relevance to production-constrained gravity models, *Environment and Planning A*, **15** (8) 1121–1132.
- Fotheringham, A. S. (1983) A new set of spatial interaction models: The theory of competing destinations, *Environment and Planning A*, **15** (1) 15–36.
- Fotheringham, A. S. (1985) Spatial competition and agglomeration in urban modelling, *Environment and Planning A*, **17** (2) 213–230.
- Fotheringham, A. S. (1986) Modelling hierarchical destination choice, *Environment and Planning A*, **18** (3) 401–418.
- Fotheringham, A. S. (1988) Consumer store choice and choice set definition, *Marketing Science*, **7** (3) 299–310.
- Fotheringham, A. S. and T. C. Pitts (1995) Directional variation in distance decay, *Environment and Planning A*, **27** (5) 715–729.
- Fotheringham, A. S., T. Nakaya, K. Yano, S. Openshaw and Y. Ishikawa (2001) Hierarchical destination choice and spatial interaction modelling: A simulation experiment, *Environment and Planning A*, **33** (5) 901–920.
- Fotheringham, A. S. and A. Curtis (1999) Regularities in spatial information processing: Implications for modeling destination choice, *The Professional Geographer*, **51** (2) 227–239.
- Fourie, P. J., J. Illenberger and K. Nagel (2013) Increased convergence rates in multi-agent transport simulations with pseudo-simulation, *Transportation Research Record*, **2343**, 68–76.
- Frank, M. and P. Wolfe (1956) An algorithm for quadratic programming, *Naval Research*

*Logistics Quarterly*, **3**, 95–110.

Frank, O. and T. A. B. Snijders (1994) Estimating the size of hidden populations using snow-ball sampling, *Journal of Official Statistics*, **10** (1) 53–67.

Franks, D. W., R. James, J. Noble and G. D. Ruxton (2009) A foundation for developing a methodology for social network sampling, *Behavioral Ecology and Sociobiology*, **63** (7) 1079–1088.

Freeman, L. C. (1977) A set of centrality based on betweenness, *Sociometry*, **40** (1) 35–41.

Frejinger, E. and M. Bierlaire (2007) Capturing correlation with subnetworks in route choice models, *Transportation Research Part B: Methodological*, **41** (3) 363–378.

Frejinger, E., M. Bierlaire and M. E. Ben-Akiva (forthcoming) Sampling of alternatives for route choice modeling, *Transportation Research Part B: Methodological*.

Frejinger, E., M. Bierlaire and M. E. Ben-Akiva (2009) Sampling of alternatives for route choice modeling, *Transportation Research Part B: Methodological*, **43** (10) 984–994.

Frey, B. S., D. A. Savage and B. Torgler (2011) Behavior under extreme conditions: The titanic disaster, *Journal of Economic Perspectives*, **25** (1) 209–222.

Fricker, M. D., J. A. Lee, D. P. Bebber, M. Tlalka, J. Hynes, P. R. Darrah, S. C. Watkinson and L. Boddy (2008) Imaging complex nutrient dynamics in mycelial networks, *Journal of Microscopy*, **321** (2) 317–331.

Fricker, C. and N. Gast (2014) Incentives and redistribution in homogeneous bike-sharing systems with stations of finite capacity, *EURO Journal on Transportation and Logistics*, 1–31.

Frick, M., K. W. Axhausen, G. Carle and A. Wokaun (2007) Optimization of the distribution of compressed natural gas (CNG) refueling stations: Swiss case studies, *Transportation Research Part D: Transport and Environment*, **12** (1) 10–22.

Friedrich, M., I. Hofsäss and S. Wekeck (2001) Timetable-based transit assignment using branch and bound techniques, *Transportation Research Record*, **1752**, 100–107.

Friedrich, M. and P. Vortisch (2005) Verfahren zur dynamischen Verkehrsumlegung - Ein methodischer Überblick, *Straßenverkehrstechnik*, **03** (03) 128–144.

Friesz, T. L., D. H. Bernstein, N. J. Mehta, R. L. Tobin and S. Ganjalizadeh (1994) Day-to-day dynamic network disequilibrium and idealized traveler information systems, *Operations Research*, **42** (6) 1120–1136.

Friesz, T. L., H.-J. Cho, N. J. Mehta, R. L. Tobin and G. Anandalingam (1992) A simulated annealing approach to the network design problem with variational inequality constraints, *Transportation Science*, **26** (1) 18–26.

- Friesz, T. L. (1996) Dynamic systems, variational inequalities, and control-theoretic models for predicting time-varying urban network flows, *Transportation Science*, **30** (1) 14–31.
- Friesz, T. L., D. Bernstein, T. Smith and B. W. Wie (1993) A variational inequality formulation of the dynamic network user equilibrium problem, *Operations Research*, **41** (1) 80–91.
- Frigioni, D., A. Marchetti-Spaccamela and U. Nanni (2000) Fully dynamic algorithms for maintaining shortest paths trees, *Journal of Algorithms*, **34** (2) 251–281.
- Fritz, C. E. and E. S. Marks (1954) The NORC studies of human behavior in disaster, *Journal of Social Issues*, **10** (3) 26–41.
- Fu, L., D. Sun and L. R. Rilett (2006) Heuristic shortest path algorithms for transportation applications: State of the art, *Computers and Operations Research*, **33** (11) 3324–3343.
- Fudenberg, D. and D. M. Kreps (1993) Learning mixed equilibria, *Games and Economic Behavior*, **5** (3) 320–367.
- Gabler, S. (1992) Schneeballverfahren und verwandte Stichprobendesigns, *ZUMA-Nachrichten*, **31**, 47–69.
- Gärling, T. and K. W. Axhausen (2004) Introduction: Habitual travel choice, *Transportation*, **30** (1) 1–11.
- Gärling, T., T. Kaln, J. Romanus, M. Selart and B. Vilhelmson (1998) Computer simulation of household activity scheduling, *Environment and Planning A*, **30**, 665–679.
- Gärling, T., S. Fujii, A. Gärling and C. Jakobsson (2003) Moderating effects of social value orientation on determinants of proenvironmental behavior intention, *Journal of Environmental Psychology*, **23** (1) 1–9.
- Gärling, T., R. Gillholm and A. Gärling (1998) Reintroducing attitude theory in travel behavior research: The validity of an interactive interview procedure to predict car use, *Transportation*, **25** (2) 129–146.
- Gärling, T., M.-P. Kwan and R. G. Golledge (1994) Reintroducing attitude theory in travel behavior research, *Transportation Research Part B: Methodological*, **28** (5) 355–364.
- Gärling, T., M.-P. Kwan and R. G. Golledge (1994) Computational-process modeling of household activity scheduling, *Transportation Research Part B: Methodological*, **28B** (5) 355–364.
- Gallo, M., L. D’Acierno and B. Montella (2011) A multilayer model to simulate cruising for parking in urban areas, *Transport Policy*, **18** (5) 735–744.
- Gallotti, R., A. Bazzani and S. Rambaldi (2012) Towards a statistical physics of human mobility, *International Journal of Modern Physics C*, **23** (9) 1250061.
- Galus, M. D., R. A. Waraich, F. Noembrini, K. Steurs, G. Georges, K. Boulouchos, K. W.



- Axhausen and G. Andersson (2012) Integrating power systems, transport systems and vehicle technology for electric mobility impact analysis and efficient control, *IEEE Transactions on Smart Grid*, **3** (2) 934–949.
- Gan, L. P. and W. W. Recker (2008) A mathematical programming formulation of the household activity rescheduling problem, *Transportation Research Part B: Methodological*, **42** (6) 571–606.
- Gao, S., E. Frejinger and M. E. Ben-Akiva (2008) Adaptive route choice models in stochastic time-dependent networks, *Transportation Research Record*, **2085**, 136–143.
- Gao, W., M. Balmer and E. J. Miller (2010) Comparison of MATSim and EMME/2 on Greater Toronto and Hamilton Area network, Canada, *Transportation Research Record*, **2197**, 118–128.
- Gao, Z., J. Wu and H. Sun (2005) Solution algorithm for the bi-level discrete network design problem, *Transportation Research Part B*, **39** (6) 479–495.
- Gao, W., W. Bergsma and Q. Yao (2014) Estimation for dynamic and static panel probit models with large individual effects, *arXiv preprint arXiv:1409.7776*.
- García-Ferrer, A., M. Bujosa, A. de Juan and P. Poncela (2006) Demand forecast and elasticities estimation of public transport, *Journal of Transport Economics and Policy*, **40** (1) 45–67.
- García-López, M. A. and I. Muñiz (2010) Employment decentralisation: Polycentricity or scatteration? the case of barcelona, *Urban Studies*, **47** (14) 3035–3056.
- Garrison, W. L. (1960) Connectivity of the interstate highway system, *Research in Transport Economics*, **4** (1) 121–137.
- Garver, R. (1932) Concerning the limits of a measure of skewness, *Annals of Mathematical Statistics*, **3** (4) 358–360.
- Gatersleben, B., L. Steg and C. Vlek (2002) Measurement and determinants of environmentally significant consumer behavior, *Environment and Behavior*, **34** (3) 335–362.
- Gautschi, D. A. (1981) Specification of patronage models for retail center choice, *Journal of Marketing Research*, **18** (2) 162–174.
- Gaudry, M. (1981) The inverse power transformation logit and dogit mode choice models, *Transportation Research Part B: Methodological*, **15** (2) 97–103.
- Gawron, C. (1998) An iterative algorithm to determine the dynamic user equilibrium in a traffic simulation model, *International Journal of Modern Physics C*, **9** (3) 393–408.
- Gayah, V. V., V. V. Dixit and S. I. Guler (2014) Relationship between mean and day-to-day variation in travel time in urban networks, *EURO Journal on Transportation and Logistics*, **3** (3-4) 227–243.

- Ge, Q., B. Ciuffo and M. Menéndez (2014) An exploratory study of two efficient approaches for the sensitivity analysis of computationally expensive traffic simulation models, *IEEE Transactions on Intelligent Transportation Systems*, **15** (3) 1288–1297.
- Ge, Q., B. Ciuffo and M. Menéndez (2015) Combining screening and metamodel-based methods: an efficient sequential approach for the sensitivity analysis of model outputs, *Reliability Engineering and System Safety*, **134**, 334–344.
- Ge, Q., B. Ciuffo and M. Menéndez (2014) Comprehensive approach for the sensitivity analysis of high-dimensional and computationally expensive traffic simulation models, *Transportation Research Record*, **2422**, 121–130.
- Gehlke, C. E. and K. Biehl (1934) Certain effects of grouping upon the size of the correlation coefficient in census tract material, *Journal of the American Statistical Association*, **29** (185) 169–170.
- Ge, Q. and M. Menéndez (2014) An efficient sensitivity analysis approach for computationally expensive microscopic traffic simulation models, *International Journal of Transportation*, **2** (2) 49–64.
- Ge, Q. and M. Menéndez (forthcoming) An improved approach for the sensitivity analysis of computationally expensive microscopic traffic models: a case study of the Zurich network in VISSIM, *Transportation Research Record*.
- Genre-Grandpierre, C. and F. Ciari (2015) De nouvelles métriques pour les réseaux viaires pour une auto-organisation de la ville allant dans le sens de la durabilité. Vers la ville lente mais accessible, *URBIA – Les Cahiers du développement urbain durable*, **17** (17) 183–196.
- Gerike, R. and U. Becker (2000) Ziele von und für Verkehr: Wozu dient eigentlich unser Verkehr, und wie soll er aussehen?, *Wissenschaftliche Zeitschrift der Technischen Universität Dresden*, **49** (3) 2–6.
- Geroliminis, N. and C. F. Daganzo (2008) Existence of urban-scale macroscopic fundamental diagrams: Some experimental findings, *Transportation Research Part B: Methodological*, **42** (9) 759–770.
- Geroliminis, N. and J. Sun (2011) Hysteresis phenomena of a macroscopic fundamental diagram in freeway networks, *Transportation Research Part A: Policy and Practice*, **45** (9) 966–979.
- Geroliminis, N., N. Zheng and K. Ampountolas (2014) A three-dimensional macroscopic fundamental diagram for mixed bi-modal urban networks, *Transportation Research Part C: Emerging Technologies*, **42**, 168–181.
- Gerrard, B., B. Still and A. Jopson (2001) The impact of road pricing and workplace parking levies on the urban economy: results from a survey of business attitudes, *Environment and Planning A*, **33**, 1985–2002.

- Geurs, K. T. and J. R. R. van Eck (2003) Evaluation of accessibility impacts of land-use scenarios: The implications of job competition, land-use, and infrastructure developments for the Netherlands, *Environment and Planning A*, **30** (1) 69–87.
- Geurs, K. T. and B. van Wee (2004) Accessibility evaluation of land-use and transport strategies: review and research directions, *Journal of Transport Geography*, **12** (2) 127–140.
- Ghosh, A. (1984) Parameter nonstationarity in retail choice models, *Journal of Business Research*, **12** (4) 425–436.
- Giaimo, G., R. Anderson, L. Wargelin and P. R. Stopher (2010) Will it work? Pilot results from the first large-scale GPS-based household travel survey in the United States, *Transportation Research Record*, **2176**, 26–34.
- Gil, J. and A. Duarte (2013) Tools for evaluating the sustainability of urban design: a review, *Proceedings of the ICE - Urban Design and Planning*, **166** (1) 1–15.
- Gilbert, E. N. and H. Pollak (1968) Steiner minimal trees, *SIAM Journal on Applied Mathematics*, **16** (1) 1–29.
- Gillen, D. W. (1977) Estimation and specification of the effects of parking costs on urban transport mode choice, *Journal of Urban Economics*, **4** (2) 186–199.
- Gillen, D. W. (1978) Parking policy, parking location decisions and the distribution of congestion, *Transportation*, **7** (1) 69–85.
- Giuliano, G. and J. Dargay (2006) Car ownership, travel and land use: A comparison of the us and great britain, *Transportation Research Part A: Policy and Practice*, **40** (2) 106–124.
- Glaeser, E. L. and J. D. Gottlieb (2006) Urban resurgence and the consumer city, *Urban Studies*, **43** (8) 1275–1299.
- Glazer, A. and E. Niskanen (1992) Parking fees and congestion, *Regional Science and Urban Economics*, **22** (1) 123–132.
- Gliebe, J. P. and K. Kim (2010) Time-dependent utility in activity and travel choice behavior, *Transportation Research Record*, **2156**, 9–16.
- Gliebe, J. P. and F. S. Koppelman (2002) A model of joint activity participation, *Transportation*, **29** (1) 49–72.
- Gliebe, J. P. and F. S. Koppelman (2005) Modeling household activity-travel interactions as parallel constrained choices, *Transportation*, **32** (5) 449–471.
- Glover, F. (1989) Tabu search - part 1, *ORSA Journal of Computing*, **1** (3) 190–206.
- Glover, F. and E. Taillard (1993) A user's guide to tabu search, *Annals of Operations Research*, **41** (1) 1–28.

- Goetzke, F., R. Gerike, A. Páez and E. R. Dugundji (2015) Social interactions in transportation: Analyzing groups and spatial networks, *Transportation*, **42** (5) 723–731.
- Goldberg, P. (1998) The effects of the corporate average fuel efficiency standards in the U.S., *Journal of Industrial Economics*, **46** (1) 1–33.
- Goldenberg, A., A. X. Zheng, S. E. Fienberg and E. M. Airoldi (2010) A survey of statistical network models, *Foundations and Trends in Machine Learning*, **2** (2) 129–233.
- Goldstein, J. (1999) Emergence as a construct: History and issues, *Emergence*, **1** (1) 49–72.
- Golias, J., G. Yannis and M. Harvatis (2002) Off-street parking choice sensitivity, *Transportation Planning and Technology*, **25** (4) 333–348.
- Golob, T. F. (2003) Structural equation modeling for travel behavior research, *Transportation Research Part B: Methodological*, **37** (1) 1–25.
- Golob, T. F. and M. G. McNally (1997) A model of activity participation and travel interactions between household heads, *Transportation Research Part B: Methodological*, **31** (3) 177–194.
- Golob, T. F. (2000) A simultaneous model of household activity participation and trip chain generation, *Transportation Research Part B: Methodological*, **34** (5) 355–376.
- Golledge, R. G. (1970) Some equilibrium models of consumer behavior, *Economic Geography*, **46** (2) 417–424.
- Golledge, R. G., M.-P. Kwan and T. Gärling (1994) Computational-process modelling of household travel decisions using a geographical information system, *Papers of the Regional Science Association*, **73** (2) 99–117.
- Golledge, R. G. and H. J. P. Timmermans (1990) Applications of behavioural research on spatial problems: Cognition, *Progress in Human Geography*, **14** (1) 57–99.
- Gómez, P., M. Menéndez and E. Mérida-Casermeyro (2015) Evaluation of trade-offs between two data sources for the accurate estimation of origin–destination matrices, *Transportmetrica B*, **3** (3) 222–245.
- Gosling, S. D., P. J. Rentfrow and W. B. J. Swann (2003) A very brief measure of the Big-Five personality domains, *Journal of Research in Personality*, **37** (6) 504–528.
- González, A. M. and L. Bello (2002) The construct “lifestyle” in market segmentation: The behaviour of tourist consumers, *European Journal of Marketing*, **36** (1–2) 51–85.
- González, R. M. (1997) The value of time: A theoretical review, *Transport Reviews*, **17** (3) 245–266.
- González, M. C., C. A. Hidalgo and A.-L. Barabási (2008) Understanding individual human mobility patterns, *Nature*, **454**, 779–782.

- Goodman, L. A. (1961) Snowball sampling, *Annals of Mathematical Statistics*, **32** (1) 148–170.
- Goodwin, P., J. Dargay and M. Hanly (2004) Elasticities of road traffic and fuel consumption with respect to price and income: A review, *Transport Reviews*, **24** (3) 275–292.
- Goodwin, P. B. (1981) The usefulness of travel time budgets, *Transportation Research Part A*, **15A** (1) 97–106.
- Gopal, S., R. L. Klatzky and T. R. Smith (1989) Navigator: A psychologically based model of environmental learning through navigation, *Journal of Environmental Psychology*, **9** (4) 309–331.
- Gottardi, G. and S. Bürgler (1999) Güterverkehrsmodell Kanton Zürich, *Strasse und Verkehr*, **2**.
- Goulias, K. G. and R. Kitamura (1992) Travel demand forecasting with dynamic microsimulation, *Transportation Research Record*, **1357**, 8–17.
- Grabowski, A. and R. A. Kosiński (2004) Epidemic spreading in a hierarchical social network, *Physical Review E*, **70** (3) 031908.
- Graf, R., K. Grüntzig, M. Hässig, K. W. Axhausen, S. Fabrikant, M. Welle, D. Meier, F. Guscetti, G. Folkers, V. I. Otto and A. Pospischil (2015) Swiss Feline Cancer Registry: A Retrospective Study of the Occurrence of Tumours in Cats in Switzerland from 1965 to 2008, *Journal of Comparative Pathology*, **153** (4) 266–277.
- Graham, D. J. (2007) Agglomeration, productivity and transport investment, *Journal of Transport Economics and Policy*, **41** (3) 317–343.
- Graham, D. J. and K. van Dender (2011) Estimating the agglomeration benefits of transport investments: some tests for stability, *Transportation*, **38** (3) 409–426.
- Granovetter, M. S. (1973) The strength of weak ties, *The American Journal of Sociology*, **78** (6) 1360–1380.
- Grassian, S. (1983) Psychopathological effects of solitary confinement, *American Journal of Psychiatry*, **140** (11) 1450–1454.
- Gray, L. and D. Griffeth (2001) The ergodic theory of traffic jams, *Journal of Statistical Physics*, **105** (3/4) 413–452.
- Greenhalgh, D. and S. Marshall (2000) Convergence criteria for genetic algorithms, *SIAM Journal on Computing*, **30** (1) 269–282.
- Grigolon, A. B., A. Kemperman and H. J. P. Timmermans (2013) Mixed multinomial logit model for out-of-home leisure activity choice, *Transportation Research Record*, **2343**, 10–16.

- Grösche, P. and C. Vance (2009) Willingness to pay for energy conservation and free-ridership on subsidization: Evidence from Germany, *The Energy Journal*, **30** (2) 135–154.
- Grubestic, T., T. Matisziw, A. T. Murray and D. Snediker (2008) Comparative approaches for assessing network vulnerability, *International Regional Science Review*, **31** (1) 88–112.
- Grüntzig, K., R. Graf, M. Hässig, M. Welle, D. Meier, G. Lott, D. Erni, N. S. Schenker, F. Guscetti, G. Boo, K. W. Axhausen, S. Fabrikant, G. Folkers and A. Pospischil (2015) The Swiss Canine Cancer Registry: A Retrospective Study on the Occurrence of Tumours in Dogs in Switzerland from 1955 to 2008, *Journal of Comparative Pathology*, **152** (2–3) 161–171.
- Gubler, E., D. Gutknecht, U. Marti, T. Schneider, T. Signer, B. Vogel and A. Wiget (1996) Die neue Landesvermessung der Schweiz LV95, *Vermessung, Photogrammetrie, Kulturtechnik*, **94** (2) 47–65.
- Guida, M. and M. Funaro (2007) Topology of the Italian airport network: A scale-free small-world network with a fractal structure?, *Chaos, Solitons & Fractals*, **31** (3) 527–536.
- Guihaire, V. and J.-K. Hao (2008) Transit network design and scheduling: A global review, *Transportation Research Part A*, **42** (10) 1251–1273.
- Guler, S. I., M. Menéndez and L. Meier (2014) Using connected vehicle technology to improve efficiency of intersections, *Transportation Research Part C: Emerging Technologies*, **46**, 121–131.
- Guler, S. I., V. V. Gayah and M. Menéndez (2016) Bus priority at signalized intersections with single-lane approaches: A novel pre-signal strategy, *Transportation Research Part C: Emerging Technologies*, **63**, 51–70.
- Guler, S. I., V. V. Gayah and M. Menéndez (2015) Providing bus priority at signalized intersections with single-lane approaches, *Transportation Research Procedia*, **9**, 225–245.
- Guler, S. I. and M. Menéndez (2015) Pre-signals for bus priority: Basic guidelines for implementation, *Public Transport*, **7** (3) 339–354.
- Guler, S. I. and M. Menéndez (2014) Analytical formulation and empirical evaluation of pre-signals for bus priority, *Transportation Research Part B: Methodological*, **64**, 41–53.
- Gunn, H. (2001) Spatial and temporal transferability of relationships between travel demand, trip cost and travel time, *Transportation Research Part E: Logistics and Transportation Review*, **37**, 163–189.
- Gunn, H. (1981) Travel budgets—a review of evidence and modelling implications, *Transportation Research Part A*, **15A** (1) 7–23.
- Guo, J. Y. and C. R. Bhat (2007) Operationalizing the concept of neighborhood: Application to residential location choice analysis, *Journal of Transport Geography*, **15** (1) 31–45.

- Guo, J. Y. and C. R. Bhat (2007) Population synthesis for microsimulating travel behavior, *Transportation Research Record*, **2014** (12) 92–101.
- Gurram, S., A. L. Stuart and A. R. Pinjari (2015) Impacts of travel activity and urbanicity on exposures to ambient oxides of nitrogen and on exposure disparities, *Air Quality, Atmosphere & Health*, **8** (1) 97–114.
- Haab, T. C. and R. L. Hicks (1997) Accounting for choice set endogeneity in random utility models of recreation demand, *Journal of Environmental Economics and Management*, **34** (2) 127–147.
- Habib, K. M. N., E. J. Miller and K. W. Axhausen (forthcoming) Weekly rhythm in joint time expenditure to all at-home and out-of-home activities: Application of Kuhn-Tucker demand system model with multiweek travel diary data, *Transportation Research Record*.
- Habib, K. M. N., C. Sasic, C. Weis and K. W. Axhausen (2013) Investigating the nonlinear relationship between transportation system performance and daily activity-travel scheduling behaviour, *Transportation Research Part A: Policy and Practice*, **49**, 342–357.
- Habib, K. M. N. and E. J. Miller (2009) Reference-dependent residential location choice model within a relocation context, *Transportation Research Record*, **2133**, 92–99.
- Habib, K. M. N., E. J. Miller and K. W. Axhausen (2008) Weekly rhythm in joint time expenditure to all at-home and out-of-home activities: Application of Kuhn-Tucker demand system model with multiweek travel diary data, *Transportation Research Record*, **2054**, 64–73.
- Habib, K. M. N. and J. A. Carrasco (2011) Investigating the role of social networks in start time and duration of activities: Trivariate simultaneous econometric model, *Transportation Research Record*, **2230**, 1–8.
- Habib, K. M. N. and E. J. Miller (2008) Modelling daily activity program generation considering within-day and day-to-day dynamics in activity-travel behaviour, *Transportation*, **35** (4) 467–484.
- Habib, K. M. N. and E. J. Miller (2009) Modelling activity generation: a utility-based model for activity-agenda formation, *Transportmetrica*, **5** (1) 3–23.
- Hackney, J. K., M. Bernard, S. Bindra and K. W. Axhausen (2007) Predicting road system speeds using spatial structure variables and network characteristics, *Journal of Geographical Systems*, **9** (4) 397–417.
- Hägerstrand, T. (1970) What about people in regional science?, *Papers of the Regional Science Association*, **24** (1) 7–21.
- Hägerstrand, T. (1989) Reflections on “What about people in regional science?”, *Papers of the Regional Science Association*, **66**, 1–6.
- Halas, M., P. Klapka and P. Kladio (2014) Distance-decay functions for daily travel-to-work

flows, *Journal of Transport Geography*, **35**, 107–119.

Hale, D. (1997) How many NETSIM runs are enough?, *McTrans Newsletter*, **11** (3) 4–5.

Hale, T. S. and C. R. Moberg (2003) Location science research: A review, *Annals of Operations Research*, **123** (1–4) 21–35.

Halldórsdóttir, K., N. Rieser-Schüssler, K. W. Axhausen, O. A. Nielsen and C. G. Prato (2014) Efficiency of choice set generation methods for bicycle routes, *European Journal of Transport and Infrastructure Research*, **14** (4) 332–348.

Halley, J. D. and D. A. Winkler (2008) Classification of emergence and its relation to self-organization, *Complexity*, **13** (5) 10–15.

Hall, M., E. Frank, G. Holmes, B. Pfahringer, P. Reutemann and I. H. Witten (2009) The weka data mining software: An update, *SIGKDD Explorations*, **11** (1) 10–18.

Halton, J. H. (1960) On the efficiency of certain quasi-random sequences of points in evaluating multi-dimensional integrals, *Numerische Mathematik*, **2** (1) 84–90.

Ham, H., T. J. Kim and D. Boyce (2005) Assessment of economic impacts from unexpected events with an interregional commodity flow and multimodal transportation network model, *Transportation Research Part A*, **28** (10) 849–860.

Ham, J., Y. Chen, M. M. Crawford and J. Ghosh (2005) Investigation of the Random Forest Framework for Classification of Hyperspectral Data, *IEEE Transactions on Geoscience and Remote Sensing*, **43** (3) 492–501.

Hamdouch, Y. and S. Lawphongpanich (2008) Schedule-based transit assignment model with travel strategies and capacity constraints, *Transportation Research Part B*, **42**, 663–684.

Hamilton, W. D. (1963) The evolution of altruistic behavior, *The American Naturalist*, **97** (896) 354–356.

Han, Q., T. A. Arentze, H. J. P. Timmermans, D. Janssens and G. Wets (2011) The effects of social networks on choice set dynamics: Results of numerical simulations using an agent-based approach, *Transportation Research Part A*, **45** (4) 310–322.

Handcock, M. S. and K. J. Gile (2010) Modeling social networks from sampled data, *Annals of Applied Statistics*, **4** (1) 5–25.

Handy, S. L. and K. J. Clifton (2001) Local shopping as a strategy for reducing automobile travel, *Transportation*, **28** (4) 317–346.

Handy, S. L. and K. J. Clifton (2001) Evaluating neighborhood accessibility: Possibilities and practicalities, *Journal of Transportation and Statistics*, **4**, 67–78.

Handy, S. L., X. Cao and P. L. Mokhtarian (2005) Correlation or causality between the built en-



vironment and travel behavior? Evidence from Northern California, *Transportation Research Part D: Transport and Environment*, **10** (6) 427–444.

Hanley, J. A., L. Joseph, R. W. Platt, M. K. Chung and P. Belisle (2001) Visualizing the median as the minimum-deviation location, *The American Statistician*, **55** (2) 150–152.

Hannes, E., D. Janssens and G. Wets (2009) Does space matter? travel mode scripts in daily activity travel, *Environment and Behavior*, **41** (1) 75–100.

Hannes, E., D. Janssens and G. Wets (2008) Does space matter? travel mode scripts in daily activity travel, *Transportation Research Record*, **2054**, 20–27.

Hansen, W. (1959) How Accessibility Shapes Land Use, *Journal of the American Institute of Planners*, **25** (2) 73–76.

Hansen, N. and A. Ostermeier (2001) Completely derandomized self-adaptation in evolution strategies, *Evolutionary Computation*, **9** (2) 159–195.

Hansen, R., S. Kahne and R. Houska (1975) A car pooling system using heuristic costs, *Transportation Research*, **9** (2–3) 159–165.

Hansen, J., R. Ruedy, M. Sato and K. Lo (2010) Global surface temperature change, *Reviews of Geophysics*, **48**, RG4004.

Hansen, M. H. and B. Yu (2001) Model selection and the principle of minimum description length, *Journal of the American Statistical Association*, **96** (454) 746–774.

Hanson, S. and K. O. Burnett (1982) The analysis of travel as an example of complex human behaviour in spatially-constraint situation: Definition and measurement issues, *Transportation Research Part A: Policy and Practice*, **16** (2) 87–102.

Hanson, S. and J. O. Huff (1988) Systematic variability in repetitious travel, *Transportation*, **15** (1–2) 111–135.

Hanson, S. and J. O. Huff (1982) Assessing day-to-day variability in complex travel patterns, *Transportation Research Record*, **891**, 18–24.

Hao, J. Y., M. Hatzopoulou and E. J. Miller (2010) Integrating an activity-based travel demand model with dynamic traffic assignment and emission models implementation in the Greater Toronto, Canada, Area, *Transportation Research Record*, **2076**, 1–13.

Harker, P. T. and J.-S. Pang (1990) Finite-dimensional variational inequality and nonlinear complementary problems: A survey of theory, algorithms and applications, *Mathematical Programming*, **48** (1-3) 161–220.

Harlow, H. F., R. O. Dodsworth and M. K. Harlow (1965) Total social isolation in monkeys, *Proceedings of the National Academy of Sciences of the United States of America*, **54** (1) 90–97.

- Harrell, G. D., M. D. Hutt and J. C. Anderson (1980) Path analysis of buyer behavior under conditions of crowding, *Journal of Marketing Research*, **17** (1) 45–51.
- Harris, C. C., W. J. McLaughlin and J. D. Hunt (1994) Estimating total statewide travel, *Annals of Tourism Research*, **21** (4) 701–711.
- Hart, P. E., N. J. Nilsson and B. Raphael (1972) A formal basis for the heuristic determination of minimum cost paths, *ACM SIGART Bulletin*, **37**, 28–29.
- Harvey, A. S. and M. E. Taylor (2000) Activity settings and travel behaviour: A social contact perspective, *Transportation*, **27** (1) 53–73.
- Hasan, M., T. AlKhamis and J. Ali (2000) A comparison between simulated annealing, genetic algorithm and tabu search methods for the unconstrained quadratic Pseudo-Boolean function, *Computers & Industrial Engineering*, **38** (3) 323–340.
- Hasan, S. and S. Ukkusuri (2014) Urban activity pattern classification using topic models from online geo-location data, *Transportation Research Part C: Emerging Technologies*, **44**, 363–381.
- Hatcher, S. G. and H. S. Mahmassani (1992) Daily variability of route and trip scheduling decisions for the evening commute, *Transportation Research Record*, **1357**, 72–81.
- Hatfield, J. and R. Fernandes (2009) The role of risk-propensity in the risky driving of younger drivers, *Accident Analysis & Prevention*, **41** (1) 25–35.
- Hatzopoulou, M. and E. J. Miller (2010) Linking an activity-based travel demand model with traffic emission and dispersion models: Transport's contribution to air pollution in Toronto, *Transportation Research Part D: Transport and Environment*, **15** (6) 315–325.
- Hatzopoulou, M., J. Y. Hao and E. J. Miller (2011) Simulating the impacts of household travel on greenhouse gas emissions, urban air quality, and population exposure, *Transportation*, **38** (6) 871–887.
- Hau, T. D. (2005) Economic Fundamentals of Road Pricing: A Diagrammatic Analysis, Part I - Fundamentals, *Transportmetrica*, **1** (2) 81–117.
- Hauri, H. R., K. W. Axhausen and M. Löchl (2008) Standortwahl von generalagenturen in der versicherungsbranche, *IVW Management Information – St. Galler Trendmonitor für Risiko- und Finanzmärkte*, **30** (1) 27–31.
- Hausman, J. A. (1979) Individual discount rates and the purchase and utilization of energy-using durables, *The Bell Journal of Economics*, **10** (1) 33–54.
- Hawas, Y. E. (2004) Development and calibration of route choice utility models: Neuro-fuzzy approach, *Journal of Transportation Engineering*, **130** (2) 171–182.
- Hawas, Y. E. and M. A. Hameed (2009) A multi-stage procedure for validating microscopic

- traffic simulation models, *Transportation Planning and Technology*, **32** (1) 71–91.
- Hayes-Roth, B. and F. Hayes-Roth (1979) A cognitive model of planning, *Cognitive Science*, **3** (4) 275–310.
- Heath, Y. and R. Gifford (2002) Extending the theory of planned behavior: Predicting the use of public transportation, *Journal of Applied Social Psychology*, **32** (10) 2154–2189.
- Heckathorn, D. D. (2002) Respondent-driven sampling II: Deriving valid population estimates from chain-referral samples of hidden populations, *Social Problems*, **49** (1) 11–34.
- Heckman, J. J. (1981) The incidental parameters problem and the problem of initial conditions in estimating a discrete time-discrete data stochastic process., *The MIT Press*.
- Hegselmann, R. and U. Krause (2002) Opinion dynamics and bounded confidence: Models, analysis and simulation, *Journal of Artificial Societies and Social Simulation*, **5** (3).
- Heisel, F. and E. Yitbarek (2013) Building laws for alternative materials: A shift towards function and performance-based building permits, *Construction Ahead, Constructing Alternatives Part II*, **13**, 10–12.
- Heimgartner, C. and M. Menéndez (2015) Kombination von ITS und Verkehrsmodellierung – eine chancenreiche Synergie für das Verkehrsmanagement, *Strasse und Verkehr*, **12**, 13–25.
- Helbing, D. and P. Molnár (1995) Social force model for pedestrian dynamics, *Physical Review E*, **51** (5) 4282–4286.
- Helbing, D. (2009) Derivation of a fundamental diagram for urban traffic flow, *The European Physical Journal*, **70** (2) 229–241.
- Helbing, D. (2013) Globally networked risks and how to respond, *Nature*, **497** (7447) 51–59.
- Helbing, D. (2001) Traffic and related self-driven many-particle systems, *Reviews of Modern Physics*, **73** (4) 1067–1141.
- Helbing, D., I. Farkas and T. Vicsek (2000) Simulating dynamical features of escape panic, *Nature*, **407**, 487–490.
- Helbing, D. and S. Ballestti (2011) From social data mining to forecasting socio-economic crises, *The European Physical Journal Special Topics*, **195** (1) 3–68.
- Helbing, D. and S. Ballestti (2011) From social simulation to integrative system design, *The European Physical Journal Special Topics*, **195** (1) 69–100.
- Helbing, D. and S. Ballestti (2011) How to create an innovation accelerator, *The European Physical Journal Special Topics*, **195** (1) 101–136.
- Helbing, D., I. Farkas and T. Vicsek (2000) Freezing by heating in a driven mesoscopic system,

*Physical Review Letters*, **84** (6) 1240–1243.

Hensher, D. A. (2001) Measurement of the valuation of travel time savings, *Journal of Transport Economics and Policy*, **35**, 71–98.

Hensher, D. A. (2010) Hypothetical bias, choice experiments and willingness to pay, *Transportation Research Part B: Methodological*, **44** (6) 735–752.

Hensher, D. A. and W. H. Greene (2003) The mixed logit model: The state of practice, *Transportation*, **30** (2) 133–176.

Hensher, D. A. and J. King (2001) Parking demand and responsiveness to supply, pricing and location in the Sidney central business district, *Transportation Research Part A: Policy and Practice*, **35** (3) 177–196.

Hensher, D. A. and V. Le Plastrier (1985) Towards a dynamic discrete-choice model of household automobile fleet size and composition, *Transportation Research Part A: Policy and Practice*, **19** (6) 481–495.

Hensher, D. A. (2010) Hypothetical bias, choice experiments and willingness to pay, *Transportation Research Part B*, **44**, 735–752.

Hensher, D. A., W. H. Greene and Z.-C. Li (2011) Embedding risk attitude and decisions weights in non-linear logit to value reliability embedded travel time savings, *Transportation Research Part B*, **45**, 954–972.

Hensher, D. A. (2001) The valuation of commuter travel time savings for car drivers: Evaluating alternative model specifications, *Transportation*, **28**, 101–118.

Henson, K. M. and K. G. Goulias (2006) Preliminary assessment of activity analysis and modeling for homeland security applications, *Transportation Research Record*, **1942**, 23–30.

Hernández, T. and D. Bennison (2000) The art and science of retail location decisions, *International Journal of Retail & Distribution Management*, **28** (8) 357–367.

Hernández, T., D. Bennison and S. Cornelius (1998) The organisational context of retail locational planning, *GeoJournal*, **45** (4) 299–308.

Herrera, F., M. Lozano and J. L. Verdegay (1998) Tackling real-coded genetic algorithms: Operators and tools for behavioural analysis, *Artificial Intelligence Review*, **12** (4) 265–319.

Hess, S., A. L. Erath and K. W. Axhausen (forthcoming) Joint valuation of travel time savings estimation on four separate Swiss data sets, *Transportation Research Record*.

Hess, S., A. L. Erath and K. W. Axhausen (2008) Joint valuation of travel time savings estimation on four separate Swiss data sets, *Transportation Research Record*, **2082**, 43–55.

Hess, S., A. L. Erath and K. W. Axhausen (2008) Estimated value of savings in travel time in

- Switzerland: Analysis of pooled data, *Transportation Research Record*, **2082**, 43–55.
- Hess, S. and J. W. Polak (2006) Exploring the potential for Cross-Nesting structures in airport-choice analysis: A case-study of the Greater London area, *Transportation Research Part E: Logistics and Transportation Review*, **42** (2) 63–81.
- Hess, S., M. A. Quddus, N. Rieser-Schüssler and A. J. Daly (2015) Developing advanced route choice models for heavy goods vehicles using GPS data, *Transportation Research Part E: Logistics and Transportation Review*, **77**, 29–44.
- Hess, S. and J. W. Polak (forthcoming) Accounting for random taste heterogeneity in airport-choice modelling, *Transportation Research Record*.
- Hess, S. and J. W. Polak (2005) Accounting for random taste heterogeneity in airport-choice modelling, *Transportation Research Record*, **1915**, 36–43.
- Hess, S. (2005) Access to employment for adults in poverty in the buffalo-niagara region, *Urban Studies*, **42** (7) 1177–1200.
- Heung, V. C. S., H. Qu and R. Chu (2001) The relationship between vacation factors and socio-demographic and travelling characteristics: The case of Japanese leisure travellers, *Tourism Management*, **22** (3) 259–269.
- Hickman, M. D. and D. H. Bernstein (1997) Transit service and path choice models in stochastic and time-dependent networks, *Transportation Science*, **31** (2) 129–146.
- Hillier, B., A. Leaman, P. Stansall and M. Bedford (1976) Space syntax, *Environment and Planning B*, **3** (2) 147–185.
- Hirsh, M., J. N. Prashker and M. E. Ben-Akiva (1986) Day-of-the-week models of shopping activity patterns, *Transportation Research Record*, **1085**, 63–69.
- Hitchcock, F. L. (1941) The distribution of a product from several sources to numerous localities, *Journal of Mathematical Physics*, **20** (1) 224–230.
- Hjorth, K. and M. Fosgerau (2011) Loss aversion and individual characteristics, *Environmental and Resource Economics*, **49**, 573–596.
- Ho, C. and C. Mulley (2013) Tour-based mode choice of joint household travel patterns on weekend and weekday, *Transportation*, **40** (4) 789–811.
- Hobeika, A. G. and C. Kim (1998) Comparison of traffic assignment in evacuation modeling, *IEEE Transactions on Engineering Management*, **45** (2) 192–198.
- Hofbauer, J. and K. Sigmund (2003) Evolutionary game dynamics, *Bulletin of the American Mathematical Society*, **40** (4) 479–519.
- Hoh, B., M. Gruteser, H. Xiong and A. Alrabady (2010) Achieving guaranteed anonymity in

GPS traces via uncertainty-aware path cloaking, *IEEE Transactions on Mobile Computing*, **9** (8) 1089–1107.

Holden, D. J. (1989) Wardrop’s third principle. urban traffic congestion and traffic policy, *Journal of Transport Economics and Policy*, **23** (3) 239–262.

Holden, E. and I. T. Norland (2005) Three challenges for the compact city as a sustainable urban form: Household consumption of energy and transport in eight residential areas in the greater Oslo region, *Urban Studies*, **42** (12) 2145–2166.

Hollander, Y. and R. Liu (2007) The principles of calibrating traffic microsimulation models, *Transportation*, **35** (3) 347–362.

Holme, P. and B. J. Kim (2002) Growing scale-free networks with tunable clustering, *Physical Review E*, **65** (2) 1–4.

Holme, P., B. J. Kim, C. N. Yoon and S. K. Han (2002) Attack vulnerability of complex networks, *Physical Review E*, **65** (5) 056109–1–056109–15.

Holzer, M., F. Schulz, D. Wagner and T. Willhalm (2005) Combining speed-up techniques for shortest-path computations, *ACM Journal of Experimental Algorithmics (JEA)*, **10** (2) 1–18.

Holz-Rau, C., J. Scheiner and K. Sicks (2014) Travel Distances in Daily Travel and Long-Distance Travel: What Role is Played by Urban Form?, *Environment and Planning A*, **46** (2) 488–507.

Hong, S.-K., J.-h. Kim, H. Jang and S. Lee (2006) The roles of categorization, affective image and constraints on destination choice: An application of the NMNL model, *Tourism Management*, **27** (5) 750–761.

Honoré, B. E. and E. Kyriazidou (2000) Panel data discrete choice models with lagged dependent variables, *Econometrica*, **68** (4) 839–874.

Hood, J., G. Erhardt, C. Frazier and A. Schenk (2014) Estimating emissions benefits of bicycle facilities with stand-alone software tools, *Transportation Research Record*, **2430**, 124–132.

Hoogendoorn, S. P. and P. H. L. Bovy (2001) State-of-the-art of vehicular traffic flow modeling, *Proceedings of the Institution of Mechanical Engineers, Part I: Journal of Systems and Control Engineering*, **215** (4) 283–303.

Hoogendoorn-Lanser, S. and P. H. L. Bovy (2007) Modeling overlap in multi-modal route choice by inclusion of trip part specific path size factors, *Transportation Research Record*, **2003**, 74–83.

Hoogendoorn-Lanser, S., R. van Nes and P. H. L. Bovy (2005) Path size modeling in multi-modal route choice analysis, *Transportation Research Record*, **1921**, 27–34.

Hoogendoorn-Lanser, S., S. P. Hoogendoorn, R. van Nes and P. H. L. Bovy (2006) Home-

activity approach to multimodal travel choice modeling, *Transportation Research Record*, **1985**, 180–187.

Hoogendoorn-Lanser, S., R. van Nes and S. P. Hoogendoorn (2006) Modeling transfers in multimodal trips: Explaining correlations, *Transportation Research Record*, **1985**, 144–153.

Hoogendoorn-Lanser, S., P. H. L. Bovy and R. van Nes (2007) Application of constrained enumeration approach to multimodal choice set generation, *Transportation Research Record*, **2014**, 50–57.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (forthcoming) Location choice modeling for shopping and leisure activities with MATSim: Combining micro-simulation and time geography, *Transportation Research Record*.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2009) Location choice modeling for shopping and leisure activities with MATSim: Combining micro-simulation and time geography, *Transportation Research Record*, **2135**, 87–95.

Horni, A., L. Montini and K. W. Axhausen (2013) An Agent-Based Cellular Automaton Cruising-For-Parking Simulation, *IATBR Special Issue of Transportation Letters*.

Horni, A., L. Montini and K. W. Axhausen (2013) An Agent-Based Cellular Automaton Cruising-For-Parking Simulation, *Transportation Letters*, **5** (4) 167–175.

Horton, F. and D. R. Reynolds (1971) Effects of urban spatial structure on individual behaviour, *Economic Geography*, **47**, 36–48.

Horowitz, J. L. (1991) Modeling the choice of choice set in discrete choice random utility models, *Environment and Planning A*, **23** (9) 1237–1246.

Horowitz, J. L. (1984) The stability of stochastic equilibrium in a two-link transportation network, *Transportation Research Part B: Methodological*, **18** (1) 13–28.

Horowitz, J. L. (1985) Travel and location behavior: State of the art and research opportunities, *Transportation Research Part A: Policy and Practice*, **19A** (5/6) 441–453.

Horowitz, A. J. and J. J. Louviere (1995) What is the role of consideration sets in choice modeling?, *International Journal of Research in Marketing*, **12** (1) 39–54.

Horvitz, D. and D. Thompson (1952) A generalization of sampling without replacement from a finite universe, *Journal of the American Statistical Association*, **47** (260) 663–685.

Hoteit, S., S. Secci, S. Sobolevsky, C. Ratti and G. Pujolle (2014) Estimating human trajectories and hotspots through mobile phone data, *Computer Networks*, **64**, 296–307.

Hotelling, H. (1929) Stability in competition, *Economic Journal*, **39** (153) 41–57.

Houck, D. J., E. KimE, G. P. O'Reilly, D. D. Picklesimer and H. Uzunalioglu (2004) A network

survivability model for critical national infrastructures, *Bell Labs Technical Journal*, **8** (4) 153–172.

Houthakker, H. S. (1957) An international comparison of household expenditure patterns, commemorating the centenary of Engel's law, *Econometrica*, **25** (4) 532–551.

Houts, P. S., M. K. Lindell, T. W. Hu, P. D. Cleary, G. Tokuhata and C. B. Flynn (1984) The protective action decision model applied to evacuation during the Three Mile Island crisis, *International Journal of Mass Emergencies and Disasters*, **2** (1) 27–40.

House, J. S., K. R. Landis and D. Umberson (1988) Social relationships and health, *Science*, **241** (4865) 540–545.

Hsieh, T.-Y. and H.-L. Liu (2004) Genetic algorithm for optimization of infrastructure investment under time-resource constraints, *Computer-Aided Civil and Infrastructure Engineering*, **19** (3) 203–212.

Huang, H.-J., H. Yang and M. G. H. Bell (2000) The models and economics of carpools, *Annals of Regional Science*, **34** (1) 55–68.

Huang, B., Q. Wu and F. B. Zhan (2007) A shortest path algorithm with novel heuristics for dynamic transportation networks, *International Journal of Geographical Information Science*, **21** (6) 625–644.

Huang, A. and D. Levinson (2011) Why retailers cluster: An agent model of location choice of supply chains, *Environment and Planning B*, **38** (1) 82–94.

Huang, H.-J. and W. H. K. Lam (2005) A stochastic model for combined activity/destination/route choice problems, *Annals of Operations Research*, **135**, 111–125.

Hubbard, B. (1978) A review of selected factors conditioning consumer travel behavior, *Journal of Consumer Research*, **5** (1) 1–21.

Huff, D. L. (1963) A probabilistic analysis of shopping center trade areas, *Land Economics*, **39**, 81–90.

Huff, D. L. (1960) A topographical model of consumer space preferences, *Papers in Regional Science*, **6** (1) 159–173.

Huff, J. O. (1986) Geographic Regularities in Residential Search Behavior, *Annals of the Association of American Geographers*, **76** (2) 208–227.

Huff, J. O. and S. Hanson (1986) Repetition and variability in urban travel, *Geographical Analysis*, **18** (2) 97–114.

Hui, M. K. and J. E. G. Bateson (1991) Perceived control and the effects of crowding and consumer choice on the service experience, *Journal of Consumer Research*, **18** (2) 174–184.



- Hultkrantz, L., R. Mortazavi and L. Hultkrantz (2001) Anomalies in the value of travel-time changes, *Journal of Transport Economics and Policy*, **35**, 285–299.
- Hunt, J. D. (2001) Stated preference analysis of sensitivities to elements of transportation and urban form, *Transportation Research Record*, **1780**, 76–86.
- Hunt, J. D., R. Johnston, J. E. Abraham, C. J. Rodier, G. R. Garry, S. H. Putman and T. de la Barra (2000) Comparisons from Sacramento model test bed, *Transportation Research Record*, **1780**, 53–63.
- Hunt, J. D., A. T. Brownlee and K. J. Stefan (2002) Responses to Centre Street bridge closure: where the “disappearing” travelers went, *Transportation Research Record*, **1807**, 51–58.
- Hunt, J. D., D. Kriger and E. J. Miller (2005) Current operational urban land use transport modelling frameworks: A review, *Transport Reviews*, **25** (3) 329–376.
- Hurtubia, R. and M. Bierlaire (2013) Estimation of bid functions for location choice and price modeling with a latent variable approach, *Networks and Spatial Economics*, **8**, 1–19.
- Iacono, M., D. Levinson and A. El-Geneidy (2008) Models of Transportation and Land Use Change: A Guide to the Territory, *Journal of Planning Literature*, **22** (4) 323–340.
- Iacono, M., K. J. Krizek and A. El-Geneidy (2013) Measuring non-motorized accessibility: issues, alternatives, and execution, *Journal of Transport Geography*, **18**, 133–140.
- Ibrahim, M. F. (2002) Disaggregating the travel components in shopping centre choice, *Journal of Property Investment & Finance*, **20** (3) 277–294.
- Illenberger, J. and G. Flötteröd (2012) Estimating properties from snowball sampled networks, *Social Networks*, **34** (4) 701–711.
- Illenberger, J., G. Flötteröd and K. Nagel (2007) Enhancing MATSim with capabilities of within-day re-planning, *Journal of Intelligent Transportation Systems*, 94–99.
- Innes, J. D., M. C. Ircha and D. A. Badoe (1990) Factors affecting automobile shopping trip destinations, *Journal of Urban Planning and Development*, **116** (3) 126–136.
- Ioannou, G., M. Kritikos and G. Prastacos (2001) A greedy look-ahead heuristic for the vehicle routing problem with time windows, *Journal of the Operational Research Society*, **52** (5) 523–537.
- Ireland, C. T. and S. Kullback (1968) Contingency tables with given marginals, *Biometrika*, **55**, 179–188.
- Isaacman, S., R. Becker, R. Caceres, S. Kobourov, M. Martonosi, J. Rowland and A. Varshavsky (2011) Identifying important places in people’s lives from cellular network data, *Lecture Notes in Computer Science*, **6696**, 133–151.

- Ison, S. (1998) A concept in the rightplace at the wrong time: congestionmetering in the city of Cambridge, *Transport Policy*, **5** (3) 139–146.
- Ison, S. and T. Rye (2005) Implementing Road User Charging: The Lessons Learnt from Hong Kong, Cambridge and Central London, *Transport Policy*, **25** (4) 451–465.
- Israeli, E. and K. R. Wood (2002) Shortest-path network interdiction problem, *Networks*, **40** (2) 97–111.
- Jäggi, B. (2014) Städtische Seilbahn La Paz, *Internationales Verkehrswesen*, **66** (2) 22–24.
- Jäggi, B., C. Weis and K. W. Axhausen (2013) Stated response and multiple discrete-continuous choice models: Analyses of residuals, *Journal of Choice Modelling*, **6**, 44–59.
- Jäggi, B., A. L. Erath, C. Dobler and K. W. Axhausen (forth) Modeling household fleet choice as a function of fuel price using a multiple discrete-continuous choice model, *Transportation Research Record*.
- Jäggi, B., A. L. Erath, C. Dobler and K. W. Axhausen (2012) Modeling household fleet choice as a function of fuel price using a multiple discrete-continuous choice model, *Transportation Research Record*, **2302**, 174–183.
- Jäggi, B., S. Hohmann, K. W. Axhausen and J. Geistefeldt (2014) Comparison of Estimates of Travel Time Losses on High Capacity Roads, *Transportation Research Record*, **2461**, 16–24.
- Jacob, R., M. Marathe and K. Nagel (1999) A computational study of routing algorithms for realistic transportation networks, *ACM Journal of Experimental Algorithmics (JEA)*, **4** (6) 197–218.
- Jain, A. K. (2010) Data clustering: 50 years beyond K-means, *Pattern Recognition Letters*, **31** (8) 651–666.
- Jan, O., A. J. Horowitz and Z.-R. Peng (2000) Using Global Positioning System data to understand variations in path choice, *Transportation Research Record*, **1725**, 37–44.
- Janssens, D., G. Wets, T. Brijs, K. Vanhoof, T. A. Arentze and H. J. P. Timmermans (2004) Improving performance of multiagent rule-based model for activity pattern decisions with Bayesian networks, *Transportation Research Record*, **1894**, 75–83.
- Janssens, D., G. Wets, T. Brijs, K. Vanhoof, T. A. Arentze and H. J. P. Timmermans (2006) Integrating bayesian networks and decision trees in a sequential rule-based transportation model, *European Journal of Operational Research*, **175** (1) 16–34.
- Jara-Diaz, S. R. and M. Farah (1988) Valuation of users' benefits in transport systems, *Transport Reviews*, **8** (2) 197–218.
- Jara-Diaz, S. R. and F. Martínez (1999) On the specification of indirect utility and willingness to pay for discrete residential location models, *Journal of Regional Science*, **39** (4) 675–688.

- Jara-Diaz, S. R. (2003) On the goods-activities technical relations in the time allocation theory, *Transportation*, **30** (3) 245–260.
- Jara-Diaz, S. R. and C. A. Guevara (2003) Behind the subjective value of travel time savings: The perception of work, leisure and travel, *Journal of Transport Economics and Policy*, **37** (1) 29–46.
- Jara-Diaz, S. R., M. A. Munizaga, P. Greeven, R. Guerra and K. W. Axhausen (2008) Estimating the value of leisure from a time allocation model, *Transportation Research Part B*, **42** (1) 946–957.
- Jenelius, E., T. Petersen and L.-G. Mattsson (2006) Importance and exposure in road network vulnerability analysis, *Transportation Research Part A: Policy and Practice*, **40** (7) 537–560.
- Jenelius, E., T. Petersen and L.-G. Mattsson (2010) User inequity implications of road network vulnerability, *Journal of Transport and Land Use*, **2** (3) 57–73.
- Jeon, K., J. S. Lee, S. Ukkusuri and S. T. Waller (2006) Selectorecombinative genetic algorithm to relax computational complexity of discrete network design problem, *Transportation Research Record*, **1964**, 91–103.
- Jha, M., K. Moore and B. Pashaie (2004) Emergency evacuation planning with microscopic traffic simulation, *Transportation Research Record*, **1886**, 40–48.
- Jiang, B. and C. Claramunt (2004) Topological analysis of urban street networks, *Environment and Planning B*, **31** (1) 151–162.
- Jim, C. Y. and W. Y. Chen (2009) Value of scenic views: Hedonic assessment of private housing in Hong Kong, *Landscape and Urban Planning*, **91** (4) 226–234.
- Jin, W.-L. (2005) A dynamical system model of the traffic assignment problem, *Transportation Research Part B: Methodological*, **41** (1) 32–48.
- Jin, J. G., L. C. Tang, L. Sun and D.-H. Lee (2014) Enhancing metro network resilience via localized integration with bus services, *Transportation Research Part E: Logistics and Transportation Review*, **63**, 17–30.
- Jin, J. G., L. Lu, L. Sun and J. Yin (2015) Optimal allocation of protective resources in urban rail transit networks against intentional attacks, *Transportation Research Part E: Logistics and Transportation Review*, **84**, 73–87.
- Jin, Y., M. Olhofer and B. Sendhoff (2002) A framework for evolutionary optimization with approximate fitness functions, *IEEE Transactions on Evolutionary Computation*, **6** (5) 481–494.
- Joh, C.-H., T. A. Arentze and H. J. P. Timmermans (2001) A position-sensitive sequence alignment method illustrated for space-time activity-diary data, *Environment and Planning A*, **33** (2) 313–338.

- Joh, C.-H., T. A. Arentze and H. J. P. Timmermans (2005) A utility-based analysis of activity time allocation decisions underlying segmented daily activity-travel patterns, *Environment and Planning A*, **37**, 105–126.
- Joh, C.-H., T. A. Arentze, F. Hofman and H. J. P. Timmermans (2002) Activity pattern similarity: a multidimensional sequence alignment method, *Transportation Research Part B: Methodological*, **36** (5) 385–403.
- Joh, C.-H., T. A. Arentze and H. J. P. Timmermans (2004) Activity-travel scheduling and rescheduling decision processes: Empirical estimation of Aurora model, *Transportation Research Record*, **1898**, 10–18.
- Johansson, M. V., T. Heldt and P. Johansson (2006) The effects of attitudes and personality traits on mode choice, *Transportation Research Part A*, **40** (6) 507–525.
- Johnson, D. S., J. K. Lenstra and A. H. G. Rinnooy Kan (1978) The complexity of network design problem, *Networks*, **8** (4) 279–285.
- Johnson, J. H. and D. J. Zeigler (1986) Modelling evacuation behavior during the Three Mile Island reactor crisis, *Socio-Economic Planning Sciences*, **20** (3) 165–171.
- Jones, P. M. (1979) Hats: A technique for investigating household decisions, *Environment and Planning A*, **11** (1) 59–70.
- Jones, K. (1991) Specifying and estimating multi-level models for geographical research, *Transactions of the Institute of British Geographers*, **16** (2) 148–159.
- Jones, P. M. and M. I. Clarke (1988) The significance and measurement of variability in travel behaviour, *Transportation*, **15** (1) 65–87.
- Jonnalagadda, J., N. Freedman, W. A. Davidson and J. D. Hunt (2001) Development of microsimulation activity-based model for San Francisco: Destination and mode choice models, *Transportation Research Record*, **1777**, 25–35.
- Joubert, J. W. and K. W. Axhausen (2011) Inferring commercial vehicle activities in Gauteng, South Africa, *Journal of Transport Geography*, **19** (1) 115–124.
- Joubert, J. W. and K. W. Axhausen (2013) A complex network approach to understand commercial vehicle movement, *Transportation*, **40** (3) 729–750.
- Joubert, J. W., P. J. Fourie and K. W. Axhausen (2010) Large-scale agent-based combined traffic simulation of private cars and commercial vehicles, *Transportation Research Record*, **2168**, 24–32.
- Jovicic, G. and C. Overgaard Hansen (2003) A passenger travel demand model for Copenhagen, *Transportation Research*, **37**, 333–349.
- Jovicic, G. (2001) Activity based travel demand modelling: A literature study, *Danmarks*

*TransportForskning*, **Note 8**, 1–59.

Jun, J., R. Guensler and J. Ogle (2007) Smoothing methods to minimize impact of Global Positioning System random error on travel distance, speed, and acceleration profile estimates, *Transportation Research Record*, **1972**, 141–150.

Kahneman, D. and A. Tversky (1979) Prospect theory: An analysis of decisions under risk, *Econometrica*, **47** (2) 263–291.

Kahn, B. E. and A. W. Marshall (1953) Methods of reducing sample size in Monte Carlo computations, *Journal of the Operational Research Society*, **1** (5) 263–278.

Kahn, B. E. and D. C. Schmittlein (1989) Shopping trip behavior: An empirical investigation, *Marketing Letters*, **1** (1) 55–69.

Karimi, H. A. and P. Kasemsuppakorn (2012) Pedestrian network map generation approaches and recommendation, *International Journal of Geographical Information Science*, **27** (5) 1–16.

Karl, M., C. Reintinger and J. Schmude (2015) Reject or select: Mapping destination choice, *Annals of Tourism Research*, **54**, 48–64.

Kamanda, T. and S. Kawai (1989) An algorithm for drawing general undirected graphs, *Information Processing Letters*, **31** (1) 7–15.

Kaiser, C. and A. Pozdnoukhov (2013) Enabling Real-time City Sensing with Kernel Stream Oracles and MapReduce, *Pervasive and Mobile Computing*, **7** (5) 708–721.

Kato, H. and M. Matsumoto (2009) Intra-household interaction in a nuclear family: A utility-maximizing approach, *Transportation Research Part B: Methodological*, **43** (2) 191–203.

Katsev, R., D. Brook and M. Nice (2000) The effects of car sharing on travel behaviour: Analysis of carsharing portland's first year, *World Transport Policy and Practice*, **7** (1) 22–26.

Kaufman, D. E., R. L. Smith and K. E. Wunderlich (1998) User-equilibrium properties of fixed points in dynamic traffic assignment, *Transportation Research Part C: Emerging Technologies*, **6** (1–2) 1–16.

Kawabata, M. (1998) User-equilibrium properties of fixed points in dynamic traffic assignment, *Transportation Research Part C: Emerging Technologies*, **41** (1) 183–198.

Kek, A. G., R. L. Cheu and M. L. Chor (2006) Relocation simulation model for multiple-station shared-use vehicle systems, *Transportation Research Record*, **1986**, 81–88.

Keirstead, J. and N. Shah (2011) Calculating minimum energy urban layouts with mathematical programming and monte carlo analysis techniques, *Computers, Environment and Urban Systems*, **35** (5) 368–377.

- Kelly, G. A. and H. McCabe (2006) A survey of procedural techniques for city generation, *ITB Journal*, **14**, 87–130.
- Kelly, T. and K. Nagel (1998) Relaxation criteria for iterated traffic simulations, *International Journal of Modern Physics C*, **9** (1) 113–132.
- Kemper, F. J. (1980) Social contacts of an urban-population within an activity-space framework, *Geographische Zeitschrift*, **68** (3) 199–222.
- Kemperman, A., A. W. J. Borgers and H. J. P. Timmermans (2002) Incorporating variety seeking and seasonality in stated preference modeling of leisure trip destination choice, *Transportation Research Record*, **1807**, 67–76.
- Kemperman, A., T. A. Arentze and H. J. P. Timmermans (2006) Social commitments and activity-travel scheduling decisions, *Transportation Research Record*, **1977**, 242–249.
- Kemperman, A. and H. J. P. Timmermans (2008) Influence of socio-demographics and residential environment on leisure activity participation, *Leisure Sciences*, **30** (4) 306–324.
- Kemperman, A. and H. J. P. Timmermans (2014) Green spaces in the direct living environment and social contacts of the aging population, *Landscape and Urban Planning*, **129**, 44–54.
- Kempton, W. and J. Tomic (2005) Vehicle-to-grid power fundamentals: calculating capacity and net revenue, *Journal of Power Sources*, **144** (1) 268–279.
- Kenny, T. and N. Gray (2009) Relaxation criteria for iterated traffic simulations, *Environment International*, **35** (2) 259–272.
- Kepaptsoglou, K. and M. Karlaftis (2009) Transit route network design problem: Review, *Journal of Transportation Engineering*, **135** (8) 491–505.
- Kerr, A., A. Lennon and B. Watson (2010) The call of the road: Factors predicting students' car travelling intentions and behaviour, *Transportation*, **37** (1) 1–13.
- Khalifa, M. and R. M. Davison (2008) Explaining the intended continuance level of telecommuting, *International Journal of Internet and Enterprise Management*, **5** (3) 264–294.
- Khattak, A. J., A. Kanafani and E. Le Colletter (1994) Stated and reported route diversion behavior: Implications of benefits of advanced traveler information system, *Transportation Research Record*, **1464**, 28–35.
- Kickhöfer, B. and K. Nagel (2013) Towards high-resolution first-best air pollution tolls, *Networks and Spatial Economics*, 1–24.
- Kickhöfer, B., D. Grether and K. Nagel (2011) Income-contingent user preferences in policy evaluation: application and discussion based on multi-agent transport simulations, *Transportation*, **38** (6) 849–870.

- Kim, A. M. (2007) North versus south: The impact of social norms in the market pricing of private property rights in Vietnam, *World Development*, **35** (12) 2079–2095.
- Kikuchi, S., R. Nanda and V. Perincherry (1993) A method to estimate trip O-D patterns using a neural network approach, *Transportation Planning and Technology*, **17** (1) 51–65.
- Kim, B.-D. and K. Park (1997) Studying patterns of consumer's grocery shopping trip, *Journal of Retailing*, **73** (4) 501–517.
- Kim, T. J., H. Ham and D. Boyce (2002) Economic impacts of transportation network changes: Implementation of a combined transportation network and input-output model, *Papers in Regional Science*, **81** (2) 223–246.
- Kim, S.-J., W. Kim and L. R. Rilett (2005) Calibration of microsimulation models using non-parametric statistical techniques, *Transportation Research Record*, **1935**, 111–119.
- Kim, J., G. M. Allenby and P. E. Rossi (2002) Modeling consumer demand for variety, *Marketing Science*, **21** (3) 229–250.
- Kim, J. Y., Y. S. Yu, S. J. Lee, H. Hu and J. G. Sung (2012) Application of multi-agent transport simulation for urban road network operation in incident case, *International Journal of Highway Engineering*, **14** (4) 163–163.
- Kim, D. (2001) Neural networks for trip generation model, *Journal of the Eastern Asia Society for Transportation Studies*, **4** (2) 201–207.
- Kipke, H. (1993) Theoretische Überlegungen zum Parksuchverkehr, *Straßenverkehrstechnik*, **93** (4) 246–249.
- Kirkpatrick, S., C. D. Gelatt and M. P. Vecchi (1983) Optimization by simulated annealing, *Science*, **220**, 671–680.
- Kissling, D. W. and G. Carl (2008) Spatial autocorrelation and the selection of simultaneous autoregressive models, *Global Ecology and Biogeography*, **17** (1) 59–71.
- Kitamura, R. (1988) An evaluation of activity-based travel analysis, *Transportation*, **15** (1) 9–34.
- Kitamura, R., P. L. Mokhtarian and L. Laidet (1997) A micro-analysis of land use and travel in five neighbourhoods in the San Francisco Bay Area, *Transportation*, **24** (2) 125–158.
- Kitamura, R. (1984) Incorporating trip chaining into analysis of destination choice, *Transportation Research Part B: Methodological*, **18** (1) 67–81.
- Kitamura, R., T. Yamamoto, Y. O. Susilo and K. W. Axhausen (2006) How routine is a routine? an analysis of the day-to-day variability in prism vertex location, *Transportation Research Part A: Policy and Practice*, **40** (3) 259–279.

- Kitamura, R., T. Yamamoto, K. Kishizawa and R. M. Pendyala (2000) Stochastic frontier models of prism vertices, *Transportation Research Record*, **1718**, 18–26.
- Kitamura, R., C. Chen and R. Narayanan (1998) Traveler destination choice behavior: Effects of time of day, activity duration, and home location, *Transportation Research Record*, **1645**, 76–81.
- Kitamura, R., C. Chen and R. M. Pendyala (1997) Generation of synthetic daily activity-travel patterns, *Transportation Research Record*, **1607**, 154–162.
- Kitamura, R., E. I. Pas, C. V. Lula, T. K. Lawton and P. E. Benson (1996) The sequenced activity mobility simulator (SAMS): An integrated approach to modeling transportation, land use and air quality, *Transportation*, **23** (3) 267–291.
- Kleijnen, J. P. C. (1995) Verification and validation of simulation models, *European Journal of Operational Research*, **82** (1) 145–162.
- Klessing, R. W. (1974) An algorithm for nonlinear multicommodity flow problems, *Networks*, **4** (4) 343–353.
- Klößner, C. A. and E. Matthies (2004) How habits interfere with norm-directed behaviour: A normative decision-making model for travel mode choice, *Journal of Environmental Psychology*, **24** (3) 319–327.
- Klößner, C. A. and A. Blöbaum (2010) A comprehensive action determination model: Toward a broader understanding of ecological behaviour using the example of travel mode choice, *Journal of Environmental Psychology*, **30** (4) 574–586.
- Knight, F. H. (1924) Some fallacies in the interpretation of social cost, *Quarterly Journal of Economics*, **38** (4) 582–606.
- Knoop, V. L., H. J. van Zuylen and S. P. Hoogendoorn (2008) The influence of spillback modelling when assessing consequences of blocking in a road network, *European Journal of Transport and Infrastructure Research*, **8** (4) 287–300.
- Knoop, V. L., S. P. Hoogendoorn and H. J. van Zuylen (2010) Rerouting behaviour of travellers under exceptional traffic conditions - and empirical analysis of route choice, *Procedia Engineering*, **3**, 113–128.
- Knox, S. D. and T. J. Denison (2000) Store loyalty: Its impact on retail revenue. an empirical study of purchasing behaviour in the UK, *Journal of Retailing and Consumer Services*, **7** (1) 33–45.
- Knudsen, D. C. and A. S. Fotheringham (1986) Matrix comparison, goodness-of-fit, and spatial interaction modelling, *International Regional Science Review*, **10** (2) 127–147.
- Kobayashi, Y. (2001) More publicity for the median-mean inequality, *The Mathematical Gazette*, **85** (502) 117–121.



- Kobayashi, M. and T. Musha (1982) 1/f fluctuation of heartbeat period, *IEEE Transactions on Biomedical Engineering*, **BME-29** (6) 456–457.
- König, A. and K. W. Axhausen (2005) Bewertung der Verlässlichkeit: Neue Schweizer Ergebnisse, *Internationales Verkehrswesen*, **57** (10) 424–429.
- König, A. and K. W. Axhausen (2001) Mobilitätswerkzeuge und Wohnstandorte: Mobiplan stated-choice Experimente, Befragungsinhalt, Betreuung, *Stadt Region Land*, **71**, 185–193.
- Kollock, P. (1998) Social dilemmas: the anatomy of cooperation, *Annual Review of Sociology*, **24**, 183–214.
- Koll-Schretzenmayr, M. and C. Zöllig (2010) Transport and land use models, *disP – The Planning Review*, **46** (3) 70–75.
- Koning, H. and J. Eizenberg (1981) The language of the prairie: Frank Lloyd wright's prairie houses, *Environment and Planning B*, **8** (3) 295–323.
- Kopp, J., R. Gerike and K. W. Axhausen (2015) Do sharing people behave differently? An empirical evaluation of the distinctive mobility patterns of free-floating car-sharing members, *Transportation*, **42** (3) 449–469.
- Koppelman, F. S. and J. R. Hauser (1978) Destination choice behavior for non-grocery-shopping trips, *Transportation Research Record*, **673**, 157–165.
- Koppelman, F. S. and C.-H. Wen (2000) The paired combinatorial logit model: Properties, estimation and application, *Transportation Research Part B: Methodological*, **34** (2) 75–89.
- Koppelman, F. S. and C.-H. Wen (1998) Nested logit models: Which are you using?, *Transportation Research Record*, **1645**, 1–7.
- Kowald, M. and K. W. Axhausen (2012) Focusing on connected personal leisure networks: Selected results from a snowball sample, *Environment and Planning A*, **44** (5) 1085–1100.
- Kowald, M. and K. W. Axhausen (2014) Surveying data on connected personal networks, *Travel Behaviour and Society*, **1** (2) 57–68.
- Kowald, M., P. van den Berg, A. Frei, J. A. Carrasco, T. A. Arentze, K. W. Axhausen, D. Mok, H. J. P. Timmermans and B. Wellman (2013) Distance patterns of personal networks in four countries: a comparative study, *Journal of Transport Geography*, **31**, 236–248.
- Kowald, M., T. A. Arentze and K. W. Axhausen (2015) Individuals' spatial social network choice: Model-based analysis of leisure-contact selection, *Environment and Planning B*, **42** (5) 857–869.
- Krajzewicz, D. and P. Wagner (2004) Ansätze zur kognitiven Simulation eines Autofahrers, *MMI Interaktiv*, **07**, 84–97, June 2004.

- Kreps, G. A. (1984) Sociological inquiry and disaster research, *Annual Review of Sociology*, **10**, 309–330.
- Kreibich, V. (1979) Modeling car availability, modal split and trip distribution by Monte-Carlo simulation, *Transportation*, **2** (8) 153–166.
- Krider, R. E. and C. B. Weinberg (1997) Spatial competition and bounded rationality: Retailing at the edge of chaos, *Geographical Analysis*, **29** (1) 16–34.
- Krivitsky, P. N., M. S. Handcock, A. E. Raftery and P. D. Hoff (2009) Representing degree distributions, clustering, and homophily in social networks with latent cluster random effects model, *Social Networks*, **31** (3) 204–213.
- Krizek, K. J. and P. A. Waddell (2003) Analysis of lifestyles choices: neighborhood type, travel patterns, and activity participation, *Transportation Research Part B: Methodological*, **1807**, 119–128.
- Kuby, M., X. Zhongyi and X. Xiaodong (1997) A minimax method for finding the k best 'differentiated' paths, *Geographical Analysis*, **29** (4) 298–313.
- Kuhnimhof, T., R. Buehler, M. Wirtz and D. Kalinowska (2012) Travel trends among young adults in germany: increasing multimodality and declining car use for men, *Journal of Transport Geography*, **24**, 443–450.
- Kuhnimhof, T. and C. Gringmuth (2009) Multiday multiagent model of travel behavior with activity scheduling, *Transportation Research Record*, **2134**, 178–185.
- Kuipers, B. (1978) Modeling spatial knowledge, *Cognitive Science*, **2** (2) 129–153.
- Kullback, S. and R. A. Leibler (1951) On information and sufficiency, *Annals of Mathematical Statistics*, **22** (1) 79–86.
- Kumar, P. (1980) Pivot point modeling procedures in demand estimation, *Traffic Engineering Journal*, **106** (6) 647–660.
- Kumaraswamy, P. (1980) A generalized probability density function for double-bounded random processes, *Journal of Hydrology*, **46** (1–2) 79–88.
- Kuppam, A. R. and R. M. Pendyala (2001) A structural equations analysis of commuters, *Transportation*, **28** (1) 33–54.
- Kuramoto, Y. and I. Nishikawa (1987) Statistical macrodynamics of large dynamical systems. case of a phase transition in oscillator communities, *Journal of Statistical Physics*, **49** (3/4) 569–605.
- Kutter, E. (1983) Modellierung der Verkehrsnachfrage auf der Basis verhaltensorientierter Kategorien, *DVWG-Schriftenreihe*, **B** (57) 189–212.

- Kwak, S.-Y., Y. Seung-Hoon and S.-J. Kwak (2009) Valuing energy-saving measures in residential buildings: A choice experiment study, *Journal of Energy Policy*, **38** (2) 673–677.
- Kwan, M.-P. and X.-D. Hong (1998) Network-based constraints-oriented choice set formation using GIS, *Journal of Geographical Systems*, **5**, 139–162.
- Kwon, E. and S. Pitt (2005) Evaluation of emergency evacuation strategies for downtown event traffic using a dynamic network model, *Transportation Research Record*, **1922**, 149–155.
- Kytöjoki, J., T. Nuortio and M. Gendreau (2007) An efficient variable neighborhood search heuristic for very large scale vehicle routing problems, *Computers and Operations Research*, **34**, 2743–2757.
- Lämmel, G., D. Grether and K. Nagel (2010) The representation and implementation of time-dependent inundation in large-scale microscopic evacuation simulations, *Transportation Research Part C: Emerging Technologies*, **18** (1) 84–98.
- Lämmel, S., B. Gehlsen and D. Helbing (2006) Scaling laws in the spatial structure of urban road networks, *Physica A: Statistical Mechanics and its Applications*, **363** (1) 89–95.
- Lämmel, S. and D. Helbing (2008) Self-control of traffic lights and vehicle flows in urban road networks, *Journal of Statistical Mechanics: Theory and Experiment*, **4**, 1–34.
- Lagarias, J. C., J. A. Reeds, M. H. Wright and P. E. Wright (1998) Convergence properties of the nelder-mead simplex method in low dimensions, *SIAM Journal of Optimization*, **9**, 112–147.
- LaMondia, J. J., T. Snell and C. R. Bhat (2010) Traveler Behavior and Values Analysis in the Context of Vacation Destination and Travel Mode Choices, *Transportation Research Record*, **2156**, 140–149.
- LaMondia, J. J. and C. R. Bhat (2012) A conceptual and methodological framework of leisure activity loyalty accomodating the travel context, *Transportation*, **39** (2) 321–349.
- Lancaster, K. J. (1966) A new approach to consumer theory, *Journal of Political Economy*, **74**, 132–157.
- Land, A. H. and A. G. Doig (1960) An automatic method of solving discrete programming problems, *Econometrica*, **28** (3) 497–520.
- Landau, U., J. N. Prashker and B. Alpern (1982) Evaluation of activity constrained choice sets to shopping destination choice modeling, *Transportation Research Part A: Policy and Practice*, **16** (3) 199–207.
- Landau, U., J. N. Prashker and B. Alpern (1982) Evaluation of activity constrained choice sets to shopping destination choice modeling, *Transportation Research Part A: Policy and Practice*, **16** (3) 199–207.

- Landau, U., J. N. Prashker and B. Alpern (1982) Evaluation of activity constrained choice sets to shopping destination choice modeling, *Transportation Research Part A*, **16** (3) 199–207.
- Landsverk, O. B., D. Hughes and O. B. Landsverk (2003) Shopper loyalty and store choice: Insights from a study of Norwegian supermarkets, *European Retail Digest*, **38** (9) 1–8.
- Lane, C. (2005) The adoption of cleaner vehicles in the UK: Exploring the consumer attitude-action gap, *Transportation Research Record*, **1927**, 158–166.
- Lane, B. and S. Potter (2007) The adoption of cleaner vehicles in the UK: Exploring the consumer attitude-action gap, *Journal of Cleaner Production*, **15** (11–12) 1085–1092.
- Lanzendorf, M. (2010) Key events and their effect on mobility biographies: The case of child-birth, *International Journal of Sustainable Transport*, **4** (5) 272–292.
- Larsen, J., K. W. Axhausen and J. Urry (2006) Geographies of social networks: Meetings, travel and communications, *Mobilities*, **1** (2) 261–283.
- Larsson, T. and M. Patriksson (1992) Simplicial decomposition with disaggregated representation for the traffic assignment problem, *Transportation Science*, **26** (1) 4–17.
- Latora, V. and M. Marchiori (2001) Efficient behavior of small-world networks, *Physical Review Letters*, **87** (19) 1–4.
- Latora, V. and M. Marchiori (2005) Vulnerability and protection of infrastructure networks, *Physical Review E*, **71** (1) 015103.
- Laumann, E. O. (1969) Friends of urban mens: an assessment of accuracy in reporting their sociometrics, *Sociometry*, **32** (1) 54–59.
- Laurier, E. (2005) Searching for a parking space, *Intellectica*, **2-3** (41-42) 101–115.
- Lave, C. A. and K. E. Train (1979) A disaggregate model of auto-type choice, *Transportation Research Part B: Methodological*, **13** (1) 1–9.
- Lawe, S., J. Lobb, A. W. Sadek, S. Huang and C. Xie (2009) TRANSIMS implementation in Chittenden County, Vermont: Development, calibration, and preliminary sensitivity analysis, *Transportation Research Record*, **2132**, 113–121.
- Lawler, E. L. and D. E. Wood (1966) Branch-and-bound methods: A survey, *Operations Research*, **14** (4) 699–719.
- LeBlanc, L. J. (1975) An algorithm for the discrete network design problem, *Transportation Science*, **9** (3) 183–199.
- LeBlanc, L. J., E. K. Morlok and W. P. Pierskalla (1975) An efficient approach to solving the road network equilibrium traffic assignment problem, *Transportation Research*, **9** (5) 309–318.

- Leclercq, L. and N. Geroliminis (2013) Estimating MFDs in simple networks with route choice, *Procedia Social and Behavioral Sciences*, **80**, 99–118.
- Lee, S. H., P.-J. Kim and H. Jeong (2006) Statistical properties of sampled networks, *Physical Review E*, **73** (1) 016102.
- Lee, D.-H. and Y. Fu (2011) Cross-entropy optimization model for population synthesis in activity-based microsimulation models, *Transportation Research Record*, **2255** (2) 20–27.
- Lee, J. S. and T. J. Kim (2007) Implementation of spatio-temporal model for infrastructure reconstruction strategy under large scale disaster, *Transportation Research Record*, **2022**, 39–46.
- Lee, B. H. Y. and P. A. Waddell (2010) Residential mobility and location choice: A nested logit model with sampling of alternatives, *Transportation*, **37** (4) 587–601.
- Lee, B. H. Y. and P. A. Waddell (2010) Reexamining the influence of work and nonwork accessibility on residential location choices with a microanalytic framework, *Environment and Planning A*, **42** (4) 913–930.
- Lee, K.-S., A. G. Hobeika, H. B. Zhang and H. Jung (2010) Travelers' response to value pricing: Application of departure time choices to TRANSIMS, *Journal of Transportation Engineering*, **136** (9) 811–817.
- Lee, D.-H., X. Wu and L. Sun (2013) Limited information sharing strategy for the taxi-customer searching problem in non-booking taxi service, *Transportation Research Record*, **2333**, 46–54.
- Leeworthy, V. R., P. C. Wiley, D. B. English and W. Kriesel (2001) Correcting response bias in tourist spending surveys, *Annals of Tourism Research*, **28** (1) 83–97.
- Lehner, M., M. A. B. van Eggermond, A. L. Erath and K. W. Axhausen (2012) Expected and revealed housing preferences in Singapore: A comparison of asking and transaction price data using spacial autoregressive models, *Forthcoming*.
- Lei, T. L. and R. L. Church (2010) Mapping transit-based access: integrating GIS, routes and schedules, *International Journal of Geographical Information Science*, **24** (2) 283–304.
- Leiser, D. and A. Zilbershatz (1989) The traveller - a computational model of spatial network learning, *EnvBehav*, **21** (4) 435–463, jul 1989.
- Lemp, J. D. and K. Kockelman (2012) Strategic sampling for large choice sets in estimation and application, *Transportation Research Part A: Policy and Practice*, **46** (3) 603–613.
- Lemp, J. D., L. B. McWethy and K. Kockelman (2007) From aggregate methods to microsimulation: Assessing benefits of microscopic activity-based models of travel demand, *Transportation Research Record*, **1994**, 80–88.

- Leonardi, G. (1978) Optimum facility location by accessibility maximizing, *Environment and Planning A*, **10**, 1287–1305.
- Léonardi, J. and M. Baumgartner (2004) CO<sub>2</sub> efficiency in road freight transportation: Status quo, measures and potential, *Transportation Research Part D: Transport and Environment*, **9** (6) 451–464.
- Lepp, A. and H. Gibson (2003) Tourist roles, perceived risk and international tourism, *Annals of Tourism Research*, **30** (3) 606–624.
- Lerman, S. R. and M. E. Ben-Akiva (1976) Disaggregate behavioural model of automobile ownership, *Transportation Research Record*, **569**, 34–51.
- Lenormand, M., M. Picornell, O. Cantú-Ros, A. Tugores, T. Louail, R. Herranz, M. Barthélemy, E. Frías-Martínez and J. J. Ramasco (2014) Cross-checking different sources of mobility information, *PLoS ONE*, **9** (8).
- Leutzbach, W. and R. Wiedemann (1986) Development and applications of traffic simulation models at the Karlsruhe Institut für Verkehrswesen, *Traffic Engineering and Control*, **27** (5) 270–278.
- Levinson, D. (1998) Accessibility and the journey to work, *Journal of Transport Geography*, **6** (1) 11–21.
- Levinson, D., F. Xie and N. M. Ocel (2012) Forecasting and evaluating network growth, *Networks and Spatial Economics*, **12** (2) 239–262.
- Levinson, D. and A. Huang (2012) A positive theory of network connectivity, *Transportation Research Part B: Methodological*, **39** (2) 308–325.
- Levinson, D. and R. Karamalaputi (2003) The value of advanced traveler information systems for route choice, *Journal of Transportation and Statistics*, **6** (2,3) 1–9.
- Levinson, D. (2003) The value of advanced traveler information systems for route choice, *Transportation Research Part C: Emerging Technologies*, **11** (1) 75–87.
- Levinson, D. (2010) Equity effects of road pricing: A review, *Transport Reviews*, **30** (1) 33–57.
- Li, Z.-C., D. A. Hensher and J. M. Rose (2010) Willingness to pay for travel time reliability in passenger transport: A review and some new empirical evidence, *Transportation Research Part E: Logistics and Transportation Review*, **46**, 384–403.
- Li, W. and X. Cai (2004) Statistical analysis of airport network of China, *Physical Review E*, **69** (4) 046106.
- Liao, L., D. J. Patterson, D. Fox and H. Kautz (2007) Learning and inferring transportation routines, *Artificial Intelligence*, **171** (5–6) 311–331.

- Li, Z.-C., W. H. K. Lam and S. Wong (2014) Bottleneck model revisited: An activity-based perspective, *Transportation Research Part B: Methodological*, **68** (0) 262–287.
- Liao, L., D. Fox and H. Kautz (2007) Extracting places and activities from GPS traces using hierarchical conditional random fields, *International Journal of Robotics Research*, **26** (1) 119–134.
- Liao, L., T. A. Arentze and H. J. P. Timmermans (2013) Multi-state supernetwork framework for the two-person joint travel problem, *Transportation*, **40** (4) 813–826.
- Licoppe, C., D. Diminescu, Z. Smoreda and C. Ziemlicki (2008) Using mobile phone geolocalisation for ‘socio-geographical’ analysis of co-ordination, urban mobilities, and social integration patterns, *Tijdschrift voor economische en sociale geografie*, **99** (5) 584–601.
- Li, D., K. Liu, Y. Sun and M. Han (2009) Emerging clapping synchronization from a complex multiagent network with local information via local control, *IEEE Transactions on Circuits and Systems*, **56** (6) 504–508.
- Liesenfeld, R., G. valle Moura and J.-F. Richard (2007) Dynamic panel probit models for current account reversals and their efficient estimation, *SSRN Working Paper Series*.
- Li, H., R. Guensler and J. Ogle (2005) Analysis of morning commute route choice patterns using Global Positioning System-based vehicle activity data, *Transportation Research Record*, **1926**, 162–170.
- Lighthill, M. J. and G. B. Whitham (1955) On kinematic waves. ii. a theory of traffic flow on long crowded roads, *Proceedings of the Royal Society of London. Series A*, **229** (1178) 317–345.
- Li, J., J. L. Walker, S. Srinivasan and W. P. Anderson (2010) Modeling private car ownership in China: Investigation of urban form impact across megacities, *Transportation Research Record*, **2193**, 76–84.
- Li, M. Z. F., D. C. B. Lau and D. W. M. Seah (2011) Car ownership and urban transport demand in Singapore, *International Journal of Transport Economics*, **38** (1) 47–70.
- Li, T. (2005) Nonlinear dynamics of traffic jams, *Physica D: Nonlinear Phenomena*, **207** (1-2) 41–51.
- Limtanakool, N., M. Dijst and T. Schwanen (2006) On the participation in medium. and long-distance travel: A decomposition analysis for the uk and the netherlands, *Tijdschrift voor economische en sociale geografie*, **97** (4) 389–404.
- Lindsey, R. (2006) Do Economists Reach A Conclusion on Road Pricing? The Intellectual History of an Idea, *Econ Journal Watch*, **3** (2) 292–379.
- Lin, D.-Y., N. Eluru, S. T. Waller and C. R. Bhat (2008) Integration of activity-based modeling and dynamic traffic assignment, *Transportation Research Record*, **2076**, 52–61.

- Lin, D.-Y., N. Eluru, S. T. Waller and C. R. Bhat (2009) Evacuation planning using the integrated system of activity-based modeling and dynamic traffic assignment, *Transportation Research Record*, **2132**, 69–77.
- Lindenberg, S. (2008) Grounding groups in theory: Functional, cognitive, and structural interdependencies, *Analyse und Kritik*, **14**, 281–331.
- Lindenberg, S. (2008) Social rationality, semi-modularity and goal-framing: What is it all about?, *Analyse und Kritik*, **30**, 669–687.
- Lindenberg, S. and L. Steg (2007) Normative, gain and hedonic goal frames guiding environmental behavior, *Journal of Social Issues*, **63** (1) 117–137.
- Lindell, M. K. (2008) EMBLEM2: An empirically based large scale evacuation time estimate model, *Transportation Research Part A: Policy and Practice*, **42** (1) 140–154.
- Little, J. D. (1961) A proof for the queuing formula:  $L = \lambda W$ , *Operations Research*, **9** (3) 383–387.
- Little, R. J. A. and M.-M. Wu (1991) Models for contingency tables with known margins when target and sampled populations differ, *Journal of the American Statistical Association*, **86** (413) 87–95.
- Liu, R., D. van Vliet and D. P. Watling (2006) Microsimulation models incorporating both demand and supply dynamics, *Transportation Research Part A: Policy and Practice*, **40** (2) 125–150.
- Liu, H. X., X. He and B. He (2009) Method of successive weighted averages (MSWA) and self-regulated averaging schemes for solving stochastic user equilibrium problem, *Networks and Spatial Economics*, **9**, 485–503.
- Liverman, D. M. and J. P. Wilson (1981) The Mississauga train derailment and evacuation, *Canadian Geographer*, **25** (4) 365–375.
- Löchl, M., M. Bürgle and K. W. Axhausen (2007) Implementierung des integrierten Flächennutzungsmodells UrbanSim für den Grossraum Zürich – ein Erfahrungsbericht, *disP – The Planning Review*, **168**, 13–25.
- Löchl, M. and K. W. Axhausen (forthcoming) Modelling hedonic residential rents for land use and transport simulation while considering spatial effects, *Journal of Transport and Land Use*.
- Löchl, M. and K. W. Axhausen (2009) Modelling hedonic residential rents for land use and transport simulation while considering spatial effects, *Journal of Transport and Land Use*, **584**.
- Lohse, D., C. Schiller, H. Teichert, M. Vrtic, P. Fröhlich, N. Schüssler and K. W. Axhausen (2006) Ein zweiseitig gekoppeltes Modell zur simultanen Berechnung der Verkehrserzeugung, Verkehrsverteilung und Verkehrsaufteilung: Theoretischer Hintergrund und praktische



Anwendung für ein nationales Modell der Schweiz, *Verkehrsforschung Online*, **3**, 1–28.

Logan, B. and G. Theodoropoulos (2001) The distributed simulation of multi-agent systems, *Proceedings of the IEEE*, **89** (2) 174–186.

Louf, R. and J. Barthélemy (2014) How congestion shapes cities: from mobility patterns to scaling, *Scientific Reports*, **4**, 5561.

Mackie, P. J., S. R. Jara-Diaz and A. S. Fowkes (2001) The value of travel time savings in evaluation, *Transportation Research Part E: Logistics and Transportation Review*, **37**, 91–106.

Noland, R. B. and J. W. Polak (2002) Travel time variability: A review of theoretical and empirical issues, *Transport Reviews*, **22**, 39–54.

Peeta, S. and A. Ziliaskopoulos (2011) Foundations of dynamic traffic assignment: The past, the present and the future, *Networks and Spatial Economics*, **1**, 233–265.

Pérez-Lombard, L., J. Ortiz and C. Pout (2008) A review on buildings energy consumption information, *Energy and Buildings*, **40** (3) 394–398.

Loomes, G. and R. Sugden (1982) Regret theory: An alternative of rational choice under uncertainty, *Economic Journal*, **92** (368) 805–842.

Los, M. (1979) Combined residential-location and transportation models, *Environment and Planning A*, **11** (11) 1241–1265.

Louail, T., M. Lenormand, M. Picornell, O. Cantú-Ros, R. Herranz, E. Frías-Martínez, J. J. Ramasco and M. Barthélemy (2014) Uncovering the spatial structure of mobility networks, *Nature Communications*, **6**.

Loudon, W. R., J. Parameswaran and B. Gardner (1997) Incorporating feedback in travel forecasting, *Transportation Research Record*, **1607**, 185–195.

Lovric, M., T. Li and P. Vervest (2013) Sustainable revenue management: A smart card enabled agent-based modeling approach, *Decision Support Systems*, **54** (2 - Special Issue: Rapid Modeling for Sustainability) 1587–1601.

Lübeck, S., M. Schreckenberg and K. D. Usadel (1997) Density fluctuations and phase transition in the Nagel-Schreckenberg traffic flow model, *Physical Review E*, **57** (1) 1171–1174.

Luersen, M. A., R. Le Riche and F. Guyon (2004) A constrained, globalized, and bounded Nelder-Mead method for engineering optimization, *Structural and Multidisciplinary Optimization*, **27** (1-2) 43–54.

Lundberg, S. J., R. A. Pollak and T. J. Wales (1997) Do husbands and wives pool their resources? Evidence from the United Kingdom child benefit, *Journal of Human Resources*, **32** (3) 463–480.

- Ma, X., Y.-J. Wu, Y. Wang, F. Chen and J. Liu (2013) Mining smart card data for transit raiders' travel patterns, *Transportation Research Part C: Emerging Technologies*, **36**, 1–12.
- MacKay, D. J. C. (2008) Nonlinearity in complexity science, *Nonlinearity*, **21** (12) T273–T281.
- Madre, J.-L., K. W. Axhausen and W. Brög (2007) Immobility in travel diary surveys, *Transportation*, **34** (1) 107–128.
- Märki, F., D. Charypar and K. W. Axhausen (2011) Continuous activity planning for a continuous traffic simulation, *Transportation Research Record*, **2230**, 29–37.
- Märki, F., D. Charypar and K. W. Axhausen (forthcoming) Continuous activity planning for a continuous traffic simulation, *Transportation Research Record*.
- Märki, F., D. Charypar and K. W. Axhausen (forthcoming) Agent-based model for continuous activity planning with an open planning horizon, *Transportation*.
- Märki, F., D. Charypar and K. W. Axhausen (2014) Agent-based model for continuous activity planning with an open planning horizon, *Transportation*, **41** (4) 905–922.
- Märki, F., D. Charypar and K. W. Axhausen (forthcoming) Location choice for a continuous simulation of long periods under changing conditions, *Journal of Transport and Land Use*.
- Märki, F., D. Charypar and K. W. Axhausen (2014) Location choice for a continuous simulation of long periods under changing conditions, *Journal of Transport and Land Use*, **7** (2) 1–17.
- Ma, H., N. Ronald, T. A. Arentze and H. J. P. Timmermans (2011) New credit mechanism for semicooperative agent-mediated joint activity-travel scheduling, *Transportation Research Record*, **2230**, 104–110.
- Mahmassani, H. S. (1988) Some comments on activity-based approaches to the analysis and prediction of travel behavior, *Transportation*, **15**, 35–40.
- Mahmassani, H. S. (2001) Dynamic network traffic assignment and simulation methodology for advanced system management applications, *Networks and Spatial Economics*, **1** (3–4) 267–292.
- Mahmassani, H. S. and G.-L. Chang (1986) Experiments with departure time choice dynamics of urban commuters, *Transportation Research Part B: Methodological*, **20** (4) 297–320.
- Mahmassani, H. S. and Y.-H. Liu (1999) Dynamics of commuting decision behaviour under advanced traveller information systems, *Transportation Research Part C: Emerging Technologies*, **7** (2–3) 91–107.
- Mann, H. B. and D. R. Whitney (1947) On a test of whether one of two random variables is stochastically larger than the other, *Annals of Mathematical Statistics*, **18** (1) 50–60.

- Mannering, F. and C. Winston (1985) A dynamic empiric analysis of household vehicle ownership and utilization, *RAND Journal of Economics*, **16** (2) 215–236.
- Manrai, A. K. and R. L. Andrews (1998) Two-stage discrete choice models for scanner panel data: An assessment of process and assumptions, *European Journal of Operational Research*, **111** (2) 193–215.
- Manski, C. F. (1977) The structure of random utility models, *Theory and Decision*, **8** (3) 229–254.
- Manzoni, A., J. Vermunt, R. Luijkx and R. Muffels (2010) Memory bias in retrospectively collected employment careers: A model-based approach to correct for measurement error, *Sociological Methodology*, **40** (1) 39–73.
- Marchal, F. and K. Nagel (2005) Modeling location choice of secondary activities with a social network of cooperative agents, *Transportation Research Record*, **1935**, 141–146.
- Marchal, F., J. K. Hackney and K. W. Axhausen (2005) Efficient map matching of large Global Positioning System data sets: Tests on speed-monitoring experiment in Zürich, *Transportation Research Record*, **1935**, 93–100.
- Marchal, P., J.-L. Madre and S. Yuan (2011) Post-processing procedures for person-based GPS data collected in the French National Travel Survey 2007-2008, *Transportation Research Record*, **3397**, 47–54.
- Markram, H. (2012) The human brain project, *Scientific American*, **306** (1) 50–55.
- March, J. G. (1978) Bounded rationality, ambiguity, and the engineering of choice, *The Bell Journal of Economics*, **9** (2) 587–608.
- Marnay, C. and T. Strauss (1991) Effectiveness of antithetic sampling and stratified sampling in Monte Carlo chronological production cost modeling, *IEEE Transactions on Power Systems*, **6** (2) 669–675.
- Marsden, G. (2006) The evidence base for parking policies - a review, *Transport Policy*, **13** (6) 447–457.
- Marsden, P. (1990) Network data and measurement, *Annual Review of Sociology*, **16**, 435–463.
- Martínez, F. (1992) The bid choice land use model: an integrated economic framework, *Environment and Planning A*, **24**, 871–885.
- Martínez, F. (1996) Mussa: A land-use model for santiago city, *Transportation Research Record*, **1552**, 126–134.
- Martínez, F., F. Aguila and R. Hurtubia (2009) The constrained multinomial logit: A semi-compensatory choice model, *Transportation Research Part B: Methodological*, **43** (3) 365–377.

- Martínez, F., F. Aguila and R. Hurtubia (2009) The constrained multinomial logit: A semi-compensatory choice model, *Transportation Research Part B*, **43** (3) 365–377.
- Martínez, F. and J. M. Viegas (2013) A new approach to modelling distance-decay functions for accessibility assessment in transport studies, *Journal of Transport Geography*, **26**, 87–96.
- Martínez, L., G. Correia and J. M. Viegas (2015) An agent-based simulation model to assess the impacts of introducing a shared-taxi system: an application to Lisbon (Portugal), *Journal of Advanced Transportation*, **49** (3) 475–495.
- Martí, R., J. L. G. Velarde and A. Duarte (2009) Heuristics for the bi-objective path dissimilarity problem, *Computers and Operations Research*, **36** (11) 2905–2912.
- Matas, A. (2005) Demand and revenue implications of an integrated public transport policy: The case of madrid, *Transport Reviews*, **24** (2) 195–217.
- Matheson, I. B. C. (1990) A critical comparison of least absolute deviation fitting (robust) and least squares fitting: The importance of error distributions, *Computers & Chemistry*, **14** (1) 49–57.
- Matisziw, T. and A. T. Murray (2009) Modeling s-t path availability to support disaster vulnerability assessment of network infrastructure, *Computers and Operations Research*, **36** (1) 16–26.
- Matsoukis, E. C. (1986) Road traffic assignment - a review, part I: Non-equilibrium methods, *Transportation Planning and Technology*, **11** (1) 69–79.
- Matsoukis, E. C. and P. C. Michalopoulos (1986) Road traffic assignment - a review, part II: Equilibrium methods, *Transportation Planning and Technology*, **11** (2) 117–135.
- Lorenz, M. and L. Elefteriadou (2001) Defining freeway capacity as function of breakdown probability, transportation research record, *Transportation Research Record*, **1776**, 43–51.
- Matthews, R. (2000) Applause physics, *Physical Review Focus*, **5**, 27.
- Mawson, A. R. (2005) Understanding mass panic and other collective responses to threat and disaster, *Psychiatry: Interpersonal and Biological Processes*, **68** (2) 95–113.
- Mayer, T. (2012) Ziliak and McCloskey's criticisms of significance tests: An assessment, *Econ Journal Watch*, **9** (3) 256–297.
- Mayeres, I., S. Ochelen and S. Proost (1996) The marginal external costs of urban transport, *Transportation Research Part D: Transport and Environment*, **1** (2) 111–130.
- Mazilu, D. A., I. Mazilu, A. M. Seredinski, V. O. Kim, B. M. Simpson and W. E. Banks (2012) Cooperative sequential adsorption models on a cayley tree: Analytical results and applications, *Journal of Statistical Mechanics: Theory and Experiment*, **2012** (09) 1–22.

- McArdle, G., E. Furey, A. Lawlor and A. Pozdnoukhov (2014) Using digital footprints for a city-scale traffic simulation, *ACM Transactions on Intelligent Systems and Technology*, **5** (3) 1–3.
- McCarthy, P. S. (1980) A study of the importance of generalized attributes in shopping choice behaviour, *Environment and Planning A*, **12** (11) 1269–1286.
- McCormack, G. R., B. Giles-Corti, M. Bulsara and T. J. Pikora (2006) Correlates of distance traveled to use recreational facilities for physical activity behaviors, *International Journal of Behavioral Nutrition and Physical Activity*, **3** (18).
- McDonald, J. F. and P. J. Prather (1994) Suburban employment centres: The case of Chicago, *Urban Studies*, **31** (2) 201–218.
- McFadden, D. and K. E. Train (2000) Mixed MNL models for discrete response, *Journal of Applied Econometrics*, **15** (5) 447–470.
- McMillen, D. P. (2004) Employment densities, spatial autocorrelation, and subcenters in large metropolitan areas, *Journal of Regional Science*, **44** (2) 225–243.
- McPherson, M., L. Smith-Lovin and J. M. Cook (2001) Birds of a feather: Homophily in social networks, *Annual Review of Sociology*, **27**, 415–444.
- Mehaffy, M. W. (2008) Generative methods in urban design: A progress assessment, *Journal of Urbanism*, **1** (1) 57–75.
- Mehrabian, A. and J. A. Russell (1973) A measure of arousal seeking tendency, *Environment and Behavior*, **5** (3) 315–333.
- Mehran, B. and H. Nakamura (2009) Implementing travel time reliability for evaluation of congestion relief schemes on expressways, *Transportation Research Record*, **2124**, 137–147.
- Meinel, G., R. Hecht and H. Herold (2009) Analyzing building stock using topographic maps and GIS, *Building Research & Information*, **37** (5) 468–482.
- Meister, K., M. Frick and K. W. Axhausen (2005) A GA-based household scheduler, *Transportation*, **32** (5) 473–494.
- Meister, K., M. Rieser, F. Ciari, A. Horni, M. Balmer and K. W. Axhausen (forthcoming) Anwendung eines agentenbasierten Modells der Verkehrsnachfrage auf die Schweiz, *Straßenverkehrstechnik*.
- Meister, K., M. Rieser, F. Ciari, A. Horni, M. Balmer and K. W. Axhausen (2009) Anwendung eines agentenbasierten Modells der Verkehrsnachfrage auf die Schweiz, *Straßenverkehrstechnik*, **53** (5) 269–280.
- Melo, P. C., D. J. Graham and R. B. Noland (2009) A meta-analysis of estimates of urban agglomeration economies, *Regional Science and Urban Economics*, **39** (3) 332–243.

- Mendes, G. A., K. W. Axhausen, J. S. Andrade and H. J. Herrmann (2014) A scenario planning approach for disasters on Swiss road network, *International Journal of Modern Physics C*, **25** (11) 1–11.
- Mendes, G. A., L. R. da Silva and H. J. Herrmann (2012) Traffic gridlock on complex networks, *Physica A: Statistical Mechanics and its Applications*, **391**, 362–370.
- Menghini, G., F. Gemperle, I. Seidl and K. W. Axhausen (2015) Results of an agent-based market simulation for transferable development rights (TDR) in Switzerland, *Environment and Planning B*, **42** (1) 157–183.
- Menghini, G., N. Carrasco, N. Schüssler and K. W. Axhausen (2010) Route choice of cyclists in zurich, *Transportation Research Part A: Policy and Practice*, **44** (9) 754–765.
- Merkle, D., M. Middendorf and H. Schmeck (2002) Ant colony optimization for resource-constrained project scheduling, *IEEE Transactions on Evolutionary Computation*, **6** (4) 333–346.
- Merlo, A. and F. Ortalo-Magné (2004) Bargaining over residential real estate: evidence from england, *Journal of Urban Economics*, **56** (2) 192–216.
- Messinger, P. R. and C. Narasimhan (1997) A model of retail formats based on consumers' economizing on shopping time, *Marketing Science*, **16** (1) 1–23.
- Metz, D. (2008) The myth of travel time saving, *Transport Reviews*, **28** (3) 321–336.
- Meyer, R. J. and T. C. Eagle (1982) Context-induced parameter instability in a disaggregate-stochastic model of store choice, *Journal of Marketing Research*, **19** (1) 62–71.
- Meyer, R. (1979) Theory of destination choice-set formation under informal constraints, *Transportation Research Record*, **750**, 6–12.
- Michiels, H., I. Mayers, L. Int Pais, L. De Nocker, F. Deutsch and W. Lefebvre (2012)  $PM_{2.5}$  and  $NO_x$  from traffic — human health impacts, external costs and policy implications from the Belgian perspective, *Transportation Research Part D: Transport and Environment*, **17**, 569–577.
- Millard-Ball, A. and L. Schipper (2011) Are we reaching peak travel? trends in passenger transport in eight industrialized countries, *Transport Reviews: A Transnational Transdisciplinary Journal*, **31** (3) 357–378.
- Miller, E. J., M. J. Roorda and J. A. Carrasco (2005) A tour-based model of travel mode choice, *Transportation*, **32** (4) 399–422.
- Miller, E. J. and M. E. O'Kelly (1983) Estimating shopping destination choice models from travel diary data, *The Professional Geographer*, **35** (4) 440–449.
- Miller, E. J. and M. J. Roorda (2003) A prototype model of 24-hour household activity sche-

- duling for the Toronto area, *Transportation Research Record*, **1831**, 114–121.
- Miller, G. A. (1956) The magical number seven plus or minus two: Some limits on our capacity for processing information, *Psychological Review*, **63** (2) 81–97.
- Miller, G. K. and C. T. Everett (1982) Raising commuter parking prices - An empirical study, *Transportation*, **11** (2) 105–129.
- Miller, H. J. (2005) A measurement theory for time geography, *Geographical Analysis*, **37** (1) 17–45.
- Minderhoud, M. M., H. Botma and P. H. L. Bovy (1997) Assessment of roadway capacity estimation methods, *Transportation Research Record*, **1572**, 59–67.
- Miron, J. R. and L. Lo (1997) A selection bias approach to destination choice, *Geographical Analysis*, **29** (2) 145–168.
- Misra, S. and B. J. Oommen (2006) An efficient dynamic algorithm for maintaining all-pairs shortest paths in stochastic networks, *IEEE Transactions on Computers*, **55** (6) 686–702.
- Mitradjieva, M. and P. O. Lindberg (2012) The stiff is moving—conjugate direction frank-wolfe methods with applications to traffic assignment, *Transportation Science*, **5** (0) 1–14.
- Mogridge, M. J. H. (1997) The self-defeating nature of urban road capacity policy: A review of theories, disputes and available evidence, *Transport Policy*, **4** (1) 5–23.
- Moiseeva, A., J. Jessurun and H. J. P. Timmermans (2010) Semi-automatic imputation of activity travel diaries using GPS-traces, prompted recall and context-sensitive learning algorithms, *Transportation Research Record*, **2183**, 60–68.
- Moiseeva, A. and H. J. P. Timmermans (2010) Imputing relevant information from multi-day GPS tracers for retail planning and management using data fusion and context-sensitive learning, *Journal of Retailing and Consumer Services*, **17** (3) 189–199.
- Mok, D. and B. Wellman (2007) Did distance matter before the internet?, *Social Networks*, **29** (3) 430–461.
- Mokhtarian, P. L., T. Lee and S. Choo (2011) A decomposition of trends in U.S. consumer expenditures on communications and travel: 1984–2002, *Quality & Quantity*, **45** (1) 1–19.
- Mokhtarian, P. L. and I. Salomon (2001) How derived is the demand for travel? Some conceptual and measurement considerations, *Transportation Research Part A: Policy and Practice*, **35** (8) 695–719.
- Mokhtarian, P. L. and C. Chen (2004) TTB or not TTB, that is the question: a review and analysis of the empirical literature on travel time (and money) budgets, *Transportation Research Part A: Policy and Practice*, **38** (9-10) 643–675.

- Molin, E. J. E., H. Oppewal and H. J. P. Timmermans (2003) Conjoint modeling of residential group preferences: A comparison of hierarchical information integration approaches, *Journal of Geographical Systems*, **4** (4) 343–358.
- Montini, L., N. Rieser-Schüssler, A. Horni and K. W. Axhausen (2014) Trip purpose identification from GPS tracks, *Transportation Research Record*, **2405**, 16–23.
- Montini, L., S. Prost, J. Schrammel, N. Rieser-Schüssler and K. W. Axhausen (2015) Comparison of Travel Diaries Generated from Smartphone Data and Dedicated GPS Devices, *Transportation Research Procedia*, **11**, 227–241.
- Moore, J., J. A. Carrasco and A. Tudela (2013) Exploring the links between personal networks, time use, and the spatial distribution of social contacts, *Transportation*, **40** (4) 773–788.
- Morency, C. (2007) The ambivalence of ridesharing, *Transportation*, **34**, 239–253.
- Morency, C., M. Trépanier and B. Martin (2008) Object-oriented analysis of carsharing system, *Transportation Research Record*, **2063**, 105–112.
- Mosteller, F. (1968) Association and estimation in contingency tables, *Journal of the American Statistical Association*, **63**, 1–28.
- Moudon, A. V. (1997) Urban morphology as an emerging interdisciplinary field, *Urban Morphology*, **1** (1) 3–10.
- Müggenburg, H., A. Busch-Geertsema and M. Lanzendorf (2015) Mobility biographies: A review of achievements and challenges of the mobility biographies approach and a framework for further research, *Journal of Transport Geography*, **46**, 151–163.
- Mühlich, N., V. V. Gayah and M. Menéndez (2015) Use of microsimulation for examination of macroscopic fundamental diagram hysteresis patterns for hierarchical urban street networks, *Transportation Research Record*, **2491**, 117–126.
- Müller, M. and P. de Haan (2009) How much do incentives affect car purchase? agent-based microsimulation of consumer choice of new cars - part I: Model structure, simulation of bounded rationality, and model validation, *Journal of Energy Policy*, **37** (3) 1072–1082.
- Müller, K. and K. W. Axhausen (forthcoming) Using survey calibration and statistical matching to reweight and distribute activity schedules, *Transportation Research Record*.
- Müller, K. and K. W. Axhausen (2014) Using survey calibration and statistical matching to reweight and distribute activity schedules, *Transportation Research Record*, **2429**, 157–167.
- Müller, S., K. Haase and F. Seidel (2012) Exposing unobserved spatial similarity: Evidence from german school choice data, *Geographical Analysis*, **44** (1) 65–86.
- Mulder, C. H. (1996) Housing choice: assumptions and approaches, *Netherlands Journal of Housing and the Built Environment*, **11**, 209–232.



- Munizaga, M. A., S. R. Jara-Diaz, J. Olguín and J. Rivera (2011) Generating twins to build weekly time use data from multiple single day od surveys, *Transportation*, **38**, 511–524.
- Munizaga, M. A. and C. Palma (2012) Estimation of disaggregate multimodal public transport OD matrix from passive SmartCard data from Santiago, Chile, *Transportation Research Part C: Emerging Technologies*, **24**, 9–18.
- Murakami, E. and D. P. Wagner (1999) Can using global positioning system (GPS) improve trip reporting?, *Transportation Research Part C: Emerging Technologies*, **7** (2–3) 149–165.
- Murray-Tuite, P. M. and H. S. Mahmassani (2004) Methodology for determining vulnerable links in a transportation network, *Transportation Research Record*, **1882**, 88–96.
- Murray-Tuite, P. M. (2007) Perspectives for network management in response to unplanned disruptions, *Journal of Urban Planning and Development*, **133** (1) 9–17.
- Murray-Tuite, P. M. and B. Wolshon (2013) Evacuation transportation modeling: An overview of research, development and practice, *Transportation Research Part C: Emerging Technologies*, **27**, 25–45.
- Murray, A. T., T. Matisziw and T. Grubescic (2008) A methodological overview of network vulnerability analysis, *Growth and Change*, **39** (4) 573–592.
- Murray, A. T., T. Matisziw and T. Grubescic (2007) Critical network infrastructure analysis: Interdiction and system flow, *Journal of Geographical Systems*, **9** (2) 103–117.
- Musha, T., K. Katsurai and Y. Teramachi (1985) Fluctuations of human tapping intervals, *IEEE Transactions on Biomedical Engineering*, **BME-32** (8) 578–582.
- Musha, T. and H. Higuchi (1976) The 1/f fluctuation of a traffic current on an expressway, *Japanese Journal of Applied Physics*, **15** (7) 1271–1275.
- Musha, T. and H. Higuchi (1978) Traffic current fluctuation and the burgers equation, *Japanese Journal of Applied Physics*, **17** (5) 811–816.
- Mustafa, A., I. Saadi, M. Cools and J. Teller (2014) Measuring the effect of stochastic perturbation component in Cellular Automata urban growth model, *Procedia Environmental Sciences*, **22**, 156–168.
- MVA Consultancy, Institute for Transport Studies and Transport Studies Unit (1987) The value of travel time savings, *Policy Journals*.
- Nagel, K. and C. L. Barrett (1997) Using microsimulation feedback for trip adaptation for realistic traffic in Dallas, *International Journal of Modern Physics C*, **8** (3) 505–525.
- Nagel, K., B. Kickhöfer and J. W. Joubert (2014) Heterogeneous tolls and values of time in multi-agent transport simulation, *Procedia Computer Science*, **32** (0) 762 – 768.

- Nagel, K., D. Grether, U. Beuck, Y. Chen, M. Rieser and K. W. Axhausen (2008) Multi-agent transport simulations and economic evaluation, *Jahrbücher für Nationalökonomie und Statistik*, **228** (2+3).
- Nagel, K., M. Strauss and M. Shubik (2004) The importance of timescales: Simple models for economic markets, *Physica A: Statistical Mechanics and its Applications*, **340** (4) 668–677.
- Nagel, K., D. E. Wolf, P. Wagner and P. M. Simon (1998) Two-lane traffic rules for cellular automata: A systematic approach, *Physical Review E*, **58** (2) 1611–1639.
- Nagel, K. and H. J. Herrmann (1993) Deterministic models for traffic jams, *Physica A: Statistical Mechanics and its Applications*, **199**, 254–269.
- Nagel, K. and M. Rickert (2001) Parallel implementation of the TRANSIMS micro-simulation, *Parallel Computing*, **58** (2) 1611–1639.
- Nagel, K. and M. Schreckenberg (1992) A cellular automaton for freeway traffic, *Journal de Physique I*, **2** (1992) 2221–2229.
- Nagurney, A. (1984) Comparative tests of multimodal traffic equilibrium methods, *Transportation Research Part B: Methodological*, **18** (6) 469–485.
- Nair, R., E. Miller-Hooks, R. C. Hampshire and A. Bušić (2013) Large-scale vehicle sharing systems: Analysis of Vélib', *International Journal of Sustainable Transportation*, **7**, 85–106.
- Narayana, C. L. and R. J. Markin (1975) Consumer behavior and product performance: An alternative conceptualization, *Journal of Marketing*, **39** (4) 1–6.
- Narula, S. C. and J. F. Wellington (1982) The minimum sum of absolute errors regression: A state of the art survey, *International Statistical Review*, **50**, 317–326.
- Nash, J. (1950) Equilibrium points in n-person games, *Proceedings of the National Academy of Sciences of the United States of America*, **36** (1) 48–49.
- Nash, J. (1951) Non-cooperative games, *The Annals of Mathematics*, **54** (2) 286–295.
- Néda, Z., E. Ravasz, T. Vicsek, Y. Brechet and A.-L. Barabási (2000) Self-organization in the concert hall: the dynamics of rhythmic applause, *Nature*, **403**, 849–853.
- Néda, Z., E. Ravasz, T. Vicsek, Y. Brechet and A.-L. Barabási (2000) Physics of the rhythmic applause, *Physical Review E*, **61** (6) 6987–6992.
- Néda, Z., A. Nikitin and T. Vicsek (2003) Synchronization of two-mode stochastic oscillators: a new model for rhythmic applause and much more, *Physica A: Statistical Mechanics and its Applications*, **321** (1) 238–247.
- Needleman, S. B. and C. D. Wunsch (1970) A general method applicable to the search for similarities in the amino acid sequence of two proteins, *Journal of Molecular Biology*, **48** (3)

443–453.

Nelder, J. A. and R. Mead (1965) A simplex method for function minimization, *The Computer Journal*, **7** (4) 308–313.

Neo, P. H., N. J. Lee and S. E. Ong (2003) Government policies and household mobility behaviour in Singapore, *Urban Studies*, **40** (13) 2643–2660.

Nerella, S. and C. R. Bhat (2004) Numerical analysis of effect of sampling of alternatives in discrete choice models, *Transportation Research Record*, **1894**, 11–19.

Neuburger, H. (1971) User benefits in the evaluation of transport and land-use plans, *Journal of Transport Economics and Policy*, **5** (1) 52–75.

Neumann, A. and K. Nagel (2013) Passenger agent and paratransit operator reaction to changes of service frequency of a fixed train line, *Procedia Computer Science*, **19**, 803–808.

Neutens, T., T. Schwanen, F. Witlox and P. de Maeyer (2008) My space or your space? towards a measure of joint accessibility, *Computers, Environment and Urban Systems*, **32** (5) 331–342.

Newman, M. E. J. (2002) Assortative mixing in networks, *Physical Review Letters*, **89**, 208701.

Newman, M. E. J., D. J. Watts and S. H. Strogatz (2002) Random graph models of social networks, *Proceedings of the National Academy of Sciences of the United States of America*, **99**, 2566–2572.

Newsome, T. H., W. A. Walcott and B. Smith (1998) Urban activity spaces: Illustrations and applications of a conceptual model for integrating the time and space dimensions, *Transportation*, **25**, 357–377.

Ng, C. F. and K. A. Small (2012) Tradeoffs among free-flow speed, capacity, cost, and environmental footprint in highway design, *Transportation*, **39** (6) 1259–1280.

Nguyen, S. (1974) An algorithm for the traffic assignment problem, *Transportation Science*, **8** (3) 203–216.

Nguyen, S. and S. Pallottino (1988) Equilibrium traffic assignment for large scale transit networks, *European Journal of Operational Research*, **37**, 176–186.

Nicholson, N., E. Soane, M. Fenton-O’Creevy and P. Willman (2005) Personality and domain-specific risk taking, *Journal of Risk Research*, **8** (2) 157–176.

Nielsen, O. A. (2004) Behavioral responses to road pricing schemes: Description of the Danish AKTA experiment, *Journal of Intelligent Transportation Systems*, **8** (4) 233–251.

Nielsen, O. A. (2000) A stochastic transit assignment model considering differences in passengers utility functions, *Transportation Research Part B: Methodological*, **34** (5) 377–402.

- Nielsen, O. A. and R. D. Frederiksen (2006) Optimisation of timetable-based stochastic transit assignment models based on MSA, *Annals of Operations Research*, **144** (1) 263–285.
- Niemeier, D. A. (1997) Accessibility: an evaluation using consumer welfare, *Transportation*, **24** (4) 377–396.
- Niininen, O., E. Szivas and M. Riley (2004) Destination loyalty and repeat behaviour: An application of optimum stimulation measurement, *International Journal of Tourism Research*, **6** (6) 439–447.
- Nijland, L., T. A. Arentze, A. W. J. Borgers and H. J. P. Timmermans (2009) Individuals' activity-travel rescheduling behaviour: Experiment and model-based analysis, *Environment and Planning A*, **41** (6) 1511–1522.
- Nijland, L., T. A. Arentze and H. J. P. Timmermans (2010) Eliciting the needs that underlie activity-travel patterns and their covariance structure, *Transportation Research Record*, **2157**, 54–62.
- Nijland, L., T. A. Arentze and H. J. P. Timmermans (2012) Incorporating planned activities and events in a dynamic multi-day activity agenda generator, *Transportation*, **39**, 791–806.
- Nilsson, M. and R. Küller (2000) Travel behaviour and environmental concern, *Transportation Research Part D: Transport and Environment*, **5** (3) 211–234.
- Nitsche, P., P. Wildhalm, S. Breuss, N. Brändle and P. Maurer (2014) Supporting large-scale travel surveys with smartphones - A practical approach, *Transportation Research Part C: Emerging Technologies*, **43**, 212–221.
- Nobis, C. (2007) Carsharing as key contribution to multimodal and sustainable mobility behavior: Carsharing in Germany, *Transportation Research Record*, **1986**, 89–97.
- Nökel, K. and M. Schmidt (2002) Parallel DYNEMO: Meso-scopic traffic flow simulation on large networks, *Networks and Spatial Economics*, **2** (4) 387–403.
- Noh, H., Y.-C. Chiu, H. Zheng, M. D. Hickman and P. Mirchandani (2009) Approach to modeling demand and supply for a short-notice evacuation, *Transportation Research Record*, **2091**, 91–99.
- Nolan, A. (2010) A dynamic analysis of household car ownership, *Transportation Research Part A: Policy and Practice*, **44** (6) 446–455.
- Noland, R. B. and K. A. Small (1995) Travel time uncertainty, departure time choice and the cost of morning commutes, *Transportation Research Record*, **1493**, 150–158.
- Noor, M. A., K. I. Noor and T. M. Rassias (1993) Some aspects of variational inequalities, *Journal of Computational and Applied Mathematics*, **47** (3) 285–312.
- Northcraft, G. B. and M. A. Neale (1987) Experts, amateurs, and real estate: An anchoring-

and-adjustment perspective on property pricing decisions, *Organizational Behavior and Human Decision Processes*, **39** (1) 84–97.

Noulas, A., S. Scellato, R. Lambiotte, M. Pontil and C. Mascolo (2012) A tale of many cities: universal patterns in human urban mobility, *PLoS ONE*, **7** (5).

Nowak, M. A. (2006) Five rules for the evolution of cooperation, *Science*, **314** (5805) 1560–1563.

Nowak, M. A., C. E. Tarnita and E. O. Wilson (2010) The evolution of eusociality, *Nature*, **466**, 1057–1062.

Nur Arifin, Z. and K. W. Axhausen (2012) Investigating commute mode and route choice variabilities in Jakarta using multi-day GPS data, *International Journal of Technology*, **3** (1) 25–55.

Obermeyer, A., B. Wieland and C. Evangelinos (2014) Die ökonomische Bewertung kleiner Reisezeiteinsparungen, *Jahrbücher für Nationalökonomie und Statistik*, **234** (1) 44–69.

Ochieng, W. Y., M. A. Quddus and R. B. Noland (2004) Map matching in complex urban road networks, *Brazilian Journal of Cartography*, **55** (2) 1–18.

O’Cinneide, C. A. (1990) The mean is within one standard deviation of any median, *The American Statistician*, **44** (4) 292–293.

Oded, C. (2013) Multi-agent transit operations and assignment model, *Procedia Computer Science*, **19**, 809–814.

Odell, J. (1998) Agents and emergence, *Distributed Computing*, **October**, 45–50.

Odland, J. (1981) A household production approach to destination choice, *Economic Geography*, **57** (3) 257–269.

Ogle, J., R. Guensler, W. Bachman, M. Koutsak and J. Wolf (2002) Accuracy of Global Positioning System for determining driver performance parameters, *Transportation Research Record*, **1818**, 12–24.

O’Kelly, M. E. (1983) Multipurpose shopping trips and the size of retail facilities, *Annals of the Association of American Geographers*, **73** (2) 231–239.

Oladosu, G. (2003) An almost ideal demand system model of household vehicle fuel expenditure allocation in the united states, *The Energy Journal*, **24** (1) 1–21.

Oliveira, G. C., M. V. F. Pereira and S. H. F. Cunha (1989) A technique for reducing computational effort in Monte-Carlo based composite evaluation, *IEEE Transactions on Power Systems*, **4** (4) 1309–1315.

Oliveira, M., P. Vovsha, J. Wolf, Y. Birotker, D. Givon and J. Paasche (2011) GPS-assisted

prompted recall household travel survey to support development of advanced travel model in Jerusalem, Israel, *IEEE Transactions on Power Systems*, **2246**, 16–23.

Olszewski, P. and X. Litian (2005) Modelling the effects of road pricing on traffic in Singapore, *Transportation Research Part A: Policy and Practice*, **39** (7–9) 755–772.

Ong, S. E., K. H. D. Ho and C. H. Lim (2003) A constant-quality price index for resale public housing flats in Singapore, *Urban Studies*, **40** (13) 2705–2729.

Oom do Valle, P., J. A. Silva, J. Mendes and M. Guerreiro (2006) Tourist Satisfaction and Destination Loyalty intention: A Structural and Categorical Analysis, *International Journal of Business Science and Applied Management*, **1**, 25–44.

Oppermann, M. (2000) Tourism Destination Loyalty, *Journal of Travel Research*, **39** (1) 78–84.

Oppewal, H., H. J. P. Timmermans and J. J. Louviere (1997) Modelling the effects of shopping centre size and store variety on consumer choice behavior, *Environment and Planning A*, **29**, 1073–1090.

Oppewal, H. and B. Hoyoake (2004) Bundling and retail agglomeration effects on shopping behavior, *Journal of Retailing and Consumer Services*, **11** (2) 61–74.

Orcutt, G. H. (1957) A new type of socio-economic system, *Review of Economics and Statistics*, **39** (2) 116–123.

Ordóñez Medina, S. A. and A. L. Erath (2013) Estimating dynamic workplace capacities by means of public transport smart card data and household travel survey in Singapore, *Transportation Research Record*, **2344**, 20–30.

Orgel, D. (1997) Consuming issues: Responses to a SN consumer survey show preferences about supermarket shopping and reveal merchandising opportunities, *Supermarket News*, **47** (34) 1–4.

Ortigosa, J. and M. Menéndez (2014) Traffic performance on a quasi-grid urban structures, *Cities – The International Journal of Urban Policy and Planning*, **36**, 18–27.

Ortigosa, J., M. Menéndez and H. Tapia (2014) Study on the number and location of measurement points for an MFD perimeter control scheme: a case study of Zurich, *EURO Journal on Transportation and Logistics*, **3** (3–4) 245–266.

Ortigosa, J., V. V. Gayah and M. Menéndez (2015) Analysis of network exit functions for various urban grid network configurations, *Transportation Research Record*, **2491**, 12–21.

Ory, D. T. and P. L. Mokhtarian (2005) When is getting there half the fun? Modeling the liking for travel, *Transportation Research Part A: Policy and Practice*, **39** (2–3) 97–123.

Ory, D. T. and P. L. Mokhtarian (2000) A survey of algorithms for convex multicommodity

flow problems, *Management Science*, **46** (1) 126–147.

Owen, A. and D. Levinson (2015) Modeling the commute mode share of transit using continuous accessibility to jobs, *Transportation Research Part A: Policy and Practice*, **74**, 110–122.

Pagliara, F. and H. J. P. Timmermans (2009) Choice set generation in spatial contexts: A review, *Transportation Letters*, **1** (1) 181–196.

de Palma, A. and J. Rouwendal (1996) Availability constraints in the housing market, *Journal of Human Evolution*, **132** (5) 105–132.

Palmer, R. G., B. W. Arthur, J. H. Holland, B. Lebaron and P. Tayler (1994) Artificial economic life: A simple model of a stockmarket, *Physica D: Nonlinear Phenomena*, **75** (1–3) 264–274.

Papola, A. (2004) Some development on the cross-nested logit model, *Transportation Research Part B: Methodological*, **38** (9) 833–851.

Park, K., M. G. H. Bell, I. Kaparias and K. Bogenberger (2007) Adaptive route choice model for intelligent route guidance using a rule-based approach, *Transportation Research Record*, **2000**, 88–97.

Park, K., M. G. H. Bell, I. Kaparias and H. Belzner (2008) Soft discretization in a classification model for modeling adaptive route choice with a Fuzzy ID3 algorithm, *Transportation Research Record*, **2076**, 20–28.

Park, K. and L. R. Rilett (1997) Identifying multiple and reasonable paths in transportation networks: A heuristic approach, *Transportation Research Record*, **1607**, 31–37.

Parkin, J. and J. Rotheram (2010) Design speeds and acceleration characteristics of bicycle traffic for use in planning, design and appraisal, *Transport Policy*, **17** (5) 335–341.

Parry, I. W., M. Walls and W. Harrington (2007) Automobile Externalities and Policies, *Journal of Economic Literature*, **45** (2) 373–399.

Parsons, G. R. and A. B. Hauber (1998) Spatial boundaries and choice set definition in a random utility model of recreational demand, *Land Economics*, **74** (1) 32–48.

Pas, E. I. and F. S. Koppelman (1987) An examination of the determinants of day-to-day variability in individuals' urban travel behavior, *Transportation*, **14** (2) 3–20.

Pas, E. I. (1983) A flexible and integrated methodology for analytical classification of daily travel-activity behavior, *Transportation Science*, **17** (4) 405–429.

Pas, E. I. (1988) Weekly travel-activity behavior, *Transportation*, **15** (1) 89–109.

Pas, E. I. (1986) Multiday samples, parameter estimation precision, and data collection costs for least squares regression trip-generation models, *Environment and Planning A*, **18** (1) 73–87.

- Pastor-Satorras, R. and A. Vespignani (2001) Epidemic spreading in scale-free networks, *Physical Review Letters*, **86** (14) 3200.
- Pattison, P., G. Robins, T. A. B. Snijders and P. Wang (2013) Conditional estimation of exponential random graph models from snowball sampling designs, *Journal of Mathematical Psychology*, **57** (6) 284–296.
- Payne, J. W. (1982) Contingent decision behavior, *Psychological Bulletin*, **92** (2) 382–402.
- Peeta, S. and H. S. Mahmassani (1995) System optimal and user equilibrium time-dependent traffic assignment in congested networks, *Annals of Operations Research*, **60**, 81–113.
- Peeta, S. and A. K. Ziliaskopoulos (2001) Foundations of dynamic traffic assignment: The past, the present and the future, *Networks and Spatial Economics*, **1**, 233–265.
- Pel, A. J., M. C. J. Bliemer and S. P. Hoogendoorn (2009) Hybrid route choice modeling in dynamic traffic assignment, *Transportation Research Record*, **2091**, 100–107.
- Pel, A. J., M. C. J. Bliemer and S. P. Hoogendoorn (2012) A review on travel behaviour modelling in dynamic traffic simulation models for evacuations, *Transportation*, **39** (1) 97–123.
- Pelechano, N. and N. I. Badler (2006) Modeling crowd and trained leader behavior during building evacuation, *IEEE Computer Graphics and Applications*, **26** (6) 80–86.
- Pendyala, R. M., R. Kitamura, A. Chen and E. I. Pas (1997) An activity-based microsimulation analysis of transport control measures, *Transport Policy*, **4** (3) 183–192.
- Pendyala, R. M., T. Yamamoto and R. Kitamura (2002) On the formulation of time-space prisms to model constraints on personal activity-travel engagement, *Transportation*, **29**, 73–94.
- Pendyala, R. M., R. Kitamura, A. Kikuchi, T. Yamamoto and S. Fujii (2005) Florida activity mobility simulator: Overview and preliminary validation results, *Transportation Research Record*, **1921**, 123–130.
- Pellegrini, P. A., A. S. Fotheringham and G. Lin (2005) An empirical evaluation of parameter sensitivity to choice set definition in shopping destination choice models, *Papers in Regional Science*, **76** (2) 257–284.
- Pelletier, M.-P., M. Trépanier and C. Morency (2011) Smart card data use in public transit: A literature review, *Transportation Research Part C: Emerging Technologies*, **19** (4) 557–568.
- Perdue, R. R. and M. R. Botkin (1988) Visitor survey versus conversion study, *Annals of Tourism Research*, **15** (1) 76–87.
- Perkins, A., S. Hamnett, S. Pullen, R. Zito and D. Trebilcock (2009) Transport, housing and urban form: The life cycle energy consumption and emissions of city centre apartments compared with suburban dwellings, *Urban Policy and Research*, **27** (4) 377–396.



- Perry, R. W. (1979) Incentives for evacuation in natural disaster research based community emergency planning, *Journal of the American Planning Association*, **45** (4) 440–447.
- Peterson, S. K. and R. L. Church (2008) A framework for modeling rail transport vulnerability, *Growth and Change*, **39** (4) 617–641.
- Pfromer, J., J. Warrington, G. Schildbach and M. Morari (2014) Dynamic vehicle redistribution and online price incentives in shared mobility systems, *IEEE Transactions on Intelligent Transportation Systems*, **15** (4) 1567–1578.
- Phang, S.-Y. (2007) The Singapore model of housing and the welfare state, *Research Collection School of Economics Singapore*, **596**, 15–46.
- Phang, S.-Y. (2001) Housing policy, wealth formation and the Singapore economy, *Housing Studies*, **16** (4) 443–459.
- Phipps, A. G. and W. H. Laverly (1983) Optimal Stopping and Residential Search Behavior, *Geographical Analysis*, **15** (3) 187–204.
- Picone, G. A., D. B. Ridley and P. A. Zandbergen (2009) Distance decreases with differentiation: Strategic agglomeration by retailers, *International Journal of Industrial Organization*, **27** (3) 463–473.
- Picornell, M., T. Ruíz, M. Lenormand, J. J. Ramasco, T. Dubernet and E. Frías-Martínez (forthcoming) Exploring the potential of phone call data to characterize the relationship between social network and travel behavior, *Transportation*.
- Picornell, M., T. Ruíz, M. Lenormand, J. J. Ramasco, T. Dubernet and E. Frías-Martínez (2015) Exploring the potential of phone call data to characterize the relationship between social network and travel behavior, *Transportation*, **42** (4) 647–668.
- Pilli-Sihvola, K., V. Nurmi, A. Perrels, A. Harjanne, P. M. Bösch and F. Ciari (2016) Innovations in weather services as a crucial building block for climate change adaptation in road transport, *European Journal of Transport and Infrastructure Research*, **16** (1) 150–173.
- Pinjari, A. R., C. R. Bhat and D. A. Hensher (2009) Residential self-selection effects in an activity time-use behavior model, *Transportation Research Part B: Methodological*, **43** (7) 729–748.
- Pinjari, A. R. and C. R. Bhat (2010) A multiple discrete-continuous nested extreme value (md-cnev) model: Formulation and application to non-worker activity time-se and timing behavior on weekdays, *Transportation Research Part B: Methodological*, **44** (4) 562–583.
- Pinjari, A. R., R. M. Pendyala, C. R. Bhat and P. A. Waddell (2011) Modeling the choice continuum: an integrated model of residential location, auto ownership, bicycle ownership, and commute tour mode choice decisions, *Transportation*, **38** (6) 933–958.
- Pitz, G. F. and N. J. Sachs (1984) Judgment and decision: Theory and application, *Annual*

*Review of Psychology*, **35** (1) 139–164.

Plum, A. (2014) Simulated multivariate random effects probit models for unbalanced panels, *The Stata Journal*, **14** (2) 259–279.

Pollak, R. A. and T. J. Wales (1978) Estimation of complete demand systems from household budget data: the linear and quadratic expenditure systems, *The American Economic Review*, **68** (3) 348–359.

Pons, F., M. Laroche and M. Murali (2006) Consumer reactions to crowded retail settings: Cross-cultural differences between North America and the Middle East, *Psychology & Marketing*, **23** (7) 555–572.

Poortinga, W., L. Steg, C. Vlek and G. Wiersma (2003) Estimation of complete demand systems from household budget data: the linear and quadratic expenditure systems, *Journal of Economic Psychology*, **24** (1) 49–64.

Poorzahedy, H. and F. Abulghasemi (2005) Application of ant system to network design problem, *Transportation*, **32** (3) 251–273.

Popkowski Leszczyc, P. T., A. Sinha and A. Sahgal (2004) The effect of multi-purpose shopping on pricing and location strategy for grocery stores, *Journal of Retailing*, **80** (2) 85–99.

Popkowski Leszczyc, P. T., A. Sinha and H. J. P. Timmermans (2000) Consumer store choice dynamics: An analysis of the competitive market structure for grocery stores, *Journal of Retailing*, **76** (3) 323–345.

Pospischil, A., M. Hässig, R. Vogel, M. M. Salvini, S. Fabrikant, K. W. Axhausen, N. S. Schenker, D. Erni and F. Guscetti (2013) Hundepopulation und Hunderassen in der Schweiz von 1955 bis 2008, *Schweizer Archiv fuer Tierheilkunde*, **155** (4) 219–228.

Porta, S., P. Crucitti and V. Latora (2006) The network analysis of urban streets: A primal approach, *Environment and Planning B*, **33** (5) 705–725.

Porta, S., V. Latora, A. Cardillo, F. Wang and S. Scellato (2008) Street centrality and densities of retail and services in Bologna, Italy, *Environment and Planning B*, **36** (3) 450–465.

Porta, S., P. Crucitti and V. Latora (2006) The network analysis of urban streets: A dual approach, *Physica A: Statistical Mechanics and its Applications*, **369** (2) 853–866.

Potoglou, D. and P. S. Kanaroglou (2008) Modelling car ownership in urban areas: A case study of Hamilton, Canada, *Journal of Transport Geography*, **16** (1) 42–54.

Potoglou, D. and Y. O. Susilo (2008) Comparison of vehicle-ownership models, *Transportation Research Record*, **2076**, 97–105.

Poudenx, P. (2008) The effect of transportation policies on energy consumption and greenhouse gas emission from urban passenger transportation, *Transportation Research Part A: Policy*

*and Practice*, **42** (6) 901–909.

Powell, W. B. and Y. Sheffi (1982) The convergence of equilibrium algorithms with predetermined step sizes, *Transportation Science*, **16** (1) 45–55.

Powell, M. J. D. (1998) Direct search algorithms for optimization calculations, *Acta Numerica*, **7**, 287–336.

Pozsgay, M. A. and C. R. Bhat (2001) Destination choice modeling for home-based recreational trips: Analysis and implications for land use, transportation, and air quality planning, *Transportation Research Record*, **1777**, 47–54.

Prakasam, S. (2008) The evolution of e-payments in public transport - singapore's experience, *Japan Railway & Transport Review*, **50**, 36–39.

Prashker, J. N. (1979) Scaling perceptions of reliability of urban travel modes using indscal and factor analysis methods, *Transportation Research Part A: General*, **13** (3) 203–212.

Prato, C. G. (2009) Route choice modeling: Past, present and future research directions, *Journal of Choice Modelling*, **2** (1) 65–100.

Prato, C. G. and S. Bekhor (2006) Applying branch-and-bound technique to route choice set generation, *Transportation Research Record*, **1985**, 19–28.

Prato, C. G. and S. Bekhor (2007) Modeling route choice behavior: How relevant is the composition of choice set?, *Transportation Research Record*, **2003**, 64–73.

Prato, C. G., S. Bekhor and C. Pronello (2005) Methodology for exploratory analysis of latent factors influencing drivers' behavior, *Transportation Research Record*, **1926**, 115–125.

Prayag, G. (2009) Tourists' evaluations of destination image, satisfaction, and future behavioral intentions—the case of Mauritius, *Journal of Travel & Tourism Marketing*, **26** (8) 836–853.

Prettenthaler, F. E. and K. W. Steininger (1999) Tourists' evaluations of destination image, satisfaction, and future behavioral intentions—the case of Mauritius, *Ecological Economics*, **28** (3) 443–453.

Prevedouros, P. D. (1992) Associations of personality characteristics with transport behavior and residence location decisions, *Transportation Research Part A: Policy and Practice*, **26** (5) 381–391.

Prismerano, F., M. A. P. Taylor, L. Pitaksringkarn and P. Tisato (2007) Defining and understanding trip chaining behaviour, *Transportation*, **35** (1) 55–72.

Pritchard, D. R. and E. J. Miller (forthcoming) Advances in population synthesis: fitting many attributes per agent and fitting to household and person margins simultaneously, *Transportation*.

- Pritchard, D. R. and E. J. Miller (2012) Advances in population synthesis: fitting many attributes per agent and fitting to household and person margins simultaneously, *Transportation*, **39** (3) 685–704, May 2012.
- Prillwitz, J., S. Harms and M. Lanzendorf (2006) Impact of life-course events on car ownership, *Transportation Research Record*, **1985**, 71–77.
- Pudney, S. and H. Sutherland (1994) How reliable are microsimulation results? an analysis of the role of sampling error in a u.k. tax-benefit model, *Journal of Political Economy*, **53**, 327–365.
- Qiao, J., D. Jeong, J.-P. Richard, D. Abraham and Y. Yih (2007) Allocating security resources to a water supply network, *IIE Transactions*, **39** (1) 95–109.
- Quarantelli, E. L. (1954) The nature and conditions of panic, *The American Journal of Sociology*, **60** (3) 267–275.
- Quddus, M. A., W. Y. Ochieng, L. Zhao and R. B. Noland (2003) A general map matching algorithm for transport telematics applications, *GPS Solutions*, **7** (3) 157–167.
- Quddus, M. A., W. Y. Ochieng, L. Zhao and R. B. Noland (2006) A high accuracy fuzzy logic-based map matching algorithm for road transport, *Journal of Intelligent Transportation Systems*, **10** (3) 103–115.
- Quddus, M. A., W. Y. Ochieng and R. B. Noland (2007) Current map matching algorithms for transport applications: State-of-the-art and future research directions, *Transportation Research Part C: Emerging Technologies*, **15** (5) 312–328.
- Quigley, J. M. and P. Weinberg (1997) Intra- Urban Residential Mobility: A Review and Synthesis, *International Regional Science Review*, **2** (1) 41–66.
- Rabin, M. (1993) Incorporating fairness into game theory and economics, *American Economic Review*, **83** (5) 1281–1302.
- Radcliffe-Brown, A. R. (1940) On social structure, *The Journal of the Royal Anthropological Institute of Great Britain and Ireland*, **70** (1) 1–12.
- Rai, R. K., M. Balmer, M. Rieser, V. S. Vaze, S. Schönfelder and K. W. Axhausen (2007) Capturing human activity spaces: New geometries, *Transportation Research Record*, **2021**, 70–80.
- Rai, R. K., M. Balmer, M. Rieser, V. S. Vaze, S. Schönfelder and K. W. Axhausen (forthcoming) Capturing human activity spaces: New geometries, *Transportation Research Record*.
- Ramadurai, G. and S. Ukkusuri (2010) Dynamic user equilibrium model for combined activity-travel choices using activity-travel supernetwork representation, *Networks and Spatial Economics*, **10** (2) 273–292.

- Ramalingam, G. and T. Reps (1996) On the computational complexity of dynamic graph problems, *Theoretical Computer Science*, **158** (1-2) 233–277.
- Raney, B. and K. Nagel (2004) Iterative route planning for large-scale modular transportation simulations, *Future Generation Computer Systems*, **20** (7) 1101–1118.
- Raney, B., A. Völlmy, N. Cetin, M. Vrtic and K. Nagel (2002) Towards a microscopic traffic simulation of all of Switzerland, *Lecture Notes in Computer Science*, **2329**, 371–380.
- Ranjan, G., H. Zang, Z.-L. Zhang and J. Bolot (2012) Are Call Detail Records Biased for Sampling Human Mobility?, *ACM SIGMOBILE Mobile Computing and Communications Review*, **16** (3) 33–44, December 2012.
- Ranjitkar, P., T. Nakatsuji and A. Kawamura (2005) Car-following models: An experiment based benchmarking, *Journal of the Eastern Asia Society for Transportation Studies*, **6**, 1582–1596.
- Rasouli, S. and H. J. P. Timmermans (2014) Activity-based models of travel demand: Promises, progress and prospects, *The International Journal of Urban Sciences*, **18** (1) 31–60.
- Ratliff, D. H., T. G. Sicilia and S. H. Lubore (1975) Finding the n most vital links in flow networks, *Management Science*, **21** (5) 531–539.
- Rauh, J., T. A. Schenk and P. Ulrich (2007) Einzelhandel und Verkehr - Ergebnisse einer Multiagentensimulation von Konsumentenentscheidungen, *Zeitschrift für Verkehrswissenschaft*, **78** (3) 176–191.
- Raveau, S., J. C. Muñoz and L. de Grange (2011) A topological route choice model for metro, *Transportation Research Part A: Policy and Practice*, **45** (2) 138–147.
- Raviv, T., M. Tzur and I. A. Forma (2013) Static repositioning in a bike-sharing system: Models and solution approaches, *EURO Journal on Transportation and Logistics*, **2** (3) 187–229.
- Recker, W. W. and L. P. Kostyniuk (1978) Factors influencing destination choice for the urban grocery shopping trip, *Transportation*, **7** (1) 19–33.
- Recker, W. W. and H. J. Schuler (1981) Destination choice and processing spatial information: Some empirical test with alternative constructs, *Economic Geography*, **57** (4) 373–383.
- Recker, W. W., M. G. McNally and G. S. Root (1986) A model of complex travel behavior: Part I - theoretical development, *Transportation Research Part A: Policy and Practice*, **20** (4) 307–318.
- Recker, W. W., M. G. McNally and G. S. Root (1986) A model of complex travel behavior: Part II - an operational model, *Transportation Research Part A: Policy and Practice*, **20** (4) 319–330.
- Recker, W. W. (1995) The household activity pattern problem: General formulation and solu-

tion, *Transportation Research Part B: Methodological*, **29** (1) 61–77.

Recker, W. W., J. Duan and H. Wang (2008) Development of an estimation procedure for an activity-based travel demand model, *Computer-Aided Civil and Infrastructure Engineering*, **23** (7) 483–501.

Rege, M. and K. Tele (2004) The impact of social approval and framing on cooperation in public good situations, *Journal of Public Economics*, **88**, 1625–1644.

Redmond, L. S. and G. Mokhtarian (2001) The positive utility of the commute: Modeling ideal commute time and relative desired commute amount, *Transportation*, **28** (2) 179–205.

Reed, T. B. and J. C. Levine (1997) Changes in traveler stated preference for bus and car modes due to real-time schedule information: A conjoint analysis, *Journal of Public Transportation*, **1** (2) 25–49.

Reka, A. and A.-L. Barabási (2002) Statistical mechanics of complex networks, *Reviews of Modern Physics*, **74** (1) 47–97.

Reka, A., H. Jeong and A.-L. Barabási (2000) Error and attack tolerance of complex networks, *Nature*, **406**, 378–381.

Rhee, H. and D. R. Bell (2002) The inter-store mobility of supermarket shoppers, *Journal of Retailing*, **78** (4) 225–237.

Ricciato, F., P. Widhalm, F. Pantisano and M. Craglia (2016) Beyond the “single-operator, CDR-only” paradigm: An interoperable framework for mobile phone network data analyses and population density estimation, *Pervasive and Mobile Computing*.

Rice, P., A. J. Venables and E. Patacchini (2006) Spatial determinants of productivity: Analysis for the regions of great britain, *Regional Science and Urban Economics*, **36** (6) 727–752.

Richards, F. J. (1959) A flexible growth function for empirical use, *Journal of Experimental Botany*, **10** (2) 290–301.

Richardson, J. (1982) Search models and choice set generation, *Transportation Research Part A: Policy and Practice*, **16** (5-6) 403–419.

Richard, J.-F. and W. Zhang (2007) Efficient high-dimensional importance sampling, *Journal of Econometrics*, **141** (2) 1385–1411.

Rickert, M. and K. Nagel (2001) Dynamic traffic assignment on parallel computers in TRANSIMS, *Future Generation Computer Systems*, **17** (5) 637–648.

Rieser, M., K. Nagel, U. Beuck, M. Balmer and J. Rumenapp (2007) Agent-oriented coupling of activity-based demand generation with multiagent traffic simulation, *Transportation Research Record*, **2021**, 10–17.

- Rieser, M., D. Grether and K. Nagel (2009) Adding mode choice to multiagent transport simulation, *Transportation Research Record*, **2132**, 50–58.
- Rieser, M. and K. Nagel (2008) Network breakdown “at the edge of chaos” in multi-agent traffic simulations, *The European Physical Journal B - Condensed Matter and Complex Systems*, **63** (3) 321–327.
- Rieser-Schüssler, N. and K. W. Axhausen (2012) Investigating the influence of environmentalism and variety-seeking on mode choice, *Transportation Research Record*, **2322**, 31–41.
- Rieser-Schüssler, N. and K. W. Axhausen (2012) Development of psychometric scales to evaluate the attitude towards risk, environmentalism and variety seeking of public transport users, *Transportation Research Record*.
- Rieser-Schüssler, N., M. Balmer and K. W. Axhausen (forthcoming) Route choice sets for very high-resolution data, *Transportmetrica*.
- Rieser-Schüssler, N., M. Balmer and K. W. Axhausen (2012) Route choice sets for very high-resolution data, *Transportmetrica*.
- Rieser-Schüssler, N. (2012) Capitalising modern data sources for observing and modelling transport behaviour, *Transportation Letters*, **4** (2) 115–128.
- Rieser-Schüssler, N., M. Balmer and K. W. Axhausen (2013) Route choice sets for very high-resolution data, *Transportmetrica*, **3** (3) 173–189.
- Rindsfuser, G. (2005) Simulation des Aktivitätenplanungsprozesses mit Methoden der Künstlichen Intelligenz, *Straßenverkehrstechnik*, **49** (3) 145–153.
- Robbins, H. and S. Monro (1951) A stochastic approximation method, *Annals of Mathematical Statistics*, **22** (3) 400–407.
- Roberts, J. H. and J. Lattin (1991) Development and testing of a model of consideration set composition, *Journal of Marketing Research*, **28** (4) 429–440.
- Robinson, R. V. F. and R. W. Vickerman (1976) The demand for shopping travel: A theoretical and empirical study, *Applied Economics*, **8** (4) 267–281.
- Robins, G., P. Pattison, y. Kalish and D. Lusher (2007) An introduction to exponential random graphs (p\*) models for social networks, *Social Networks*, **29**, 173–191.
- Rogers, D. S. (2007) Retail location analysis in practice, *Research Review*, **14** (2) 73–78.
- Ronald, N., T. A. Arentze and H. J. P. Timmermans (2012) Modelling social interactions between individuals for joint activity scheduling, *Transportation Research Part B: Methodological*, **46** (2) 276–290.
- Roos, T., P. J. Myllymäki and H. R. Tirri (2002) A statistical modeling approach to location

estimation, *IEEE Transactions on Mobile Computing*, **1** (1) 59–69.

Roorda, M. J. and B. K. Andre (2007) Stated adaptation survey of activity rescheduling: Empirical and preliminary model results, *Transportation Research Record*, **2021**, 45–54.

Roorda, M. J., E. J. Miller and K. M. N. Habib (2008) Validation of TASHA: A 24-h activity scheduling microsimulation model, *Transportation Research Part A: Policy and Practice*, **42** (2) 360–375.

Rose, J. M. and M. C. J. Bliemer (2013) Sample size requirements for stated choice experiments, *Transportation*, **40** (5) 1021–1041.

Rose, J. M. and D. A. Hensher (2004) Modelling agent interdependency in group decision making, *Transportation Research Part E: Logistics and Transportation Review*, **40** (1) 63–79.

Rosengren, K. E., P. Arvidson and D. Stureson (1975) The barsebäck 'panic': A radio programme as a negative summary event, *Acta Sociologica*, **18** (4) 303–321.

Rossetti, R. J. F., R. H. Bordini, A. L. C. Bazzan, S. Bampi, L. Liu and D. van Vliet (2002) Using BDI agents to improve driver modelling in a commuter scenario, *Transportation Research Part C: Emerging Technologies*, **10**, 373–398.

Rothengatter, W. (2000) Evaluation of infrastructure investments in Germany, *Transport Policy*, **7**, 17–25.

Roughgarden, T. and É. Tardos (2002) How bad is selfish routing?, *Journal of the ACM*, **49** (2) 236–259, March 2002.

Rousseeuw, P. (1987) Silhouettes: a graphical aid to the interpretation and validation of cluster analysis, *Journal of the ACM*, **20**, 53–65.

Rubner, Y., C. Tomasi and L. J. Guibas (2000) The earth mover's distance as a metric for image retrieval, *International Journal of Computer Vision*, **40** (2) 99–121.

Ruiter, E. R. and M. E. Ben-Akiva (1978) Disaggregate travel demand models for the San Francisco Bay Area, *Transportation Research Record*, **673**, 121–128.

Rutherford, R. C., T. Springer and A. Yavas (2005) Conflicts between principals and agents: evidence from residential brokerage, *Journal of Financial Economics*, **76** (3) 627–665.

Rutter, C. M., D. L. Miglioretti and J. E. Savarino (2009) Bayesian calibration of microsimulation models, *Journal of the American Statistical Association*, **104** (488) 1338–1350.

Ryan, J., H. Maoh and P. S. Kanaroglou (2009) Population synthesis: Comparing the major techniques using a Small, Kenneth A., complete population of firms, *Geographical Analysis*, **41** (2) 181–203.

Sadek, A. W., G. Spring and B. L. Smith (2003) Toward more effective transportation applica-



- tions of computational intelligence paradigms, *Transportation Research Record*, **1836**, 57–63.
- Safirova, E., K. Gillingham and S. Houde (2007) Measuring marginal congestion costs of urban transportation: Do networks matter?, *Transportation Research Part A: Policy and Practice*, **41** (8) 734 – 749.
- Safwat, K. N. A. and T. L. Magnanti (1988) A combined trip generation, trip distribution, modal split, and trip assignment model, *Transportation Science*, **22**, 14–30.
- Sakoda, J. M. (1971) The checkerboard model of social interaction, *The Journal of Mathematical Society*, **1** (1) 119–132.
- Salat, S., L. Bourdic and F. Labbé (2014) Breaking symmetries and emerging scaling urban structures, *International Journal of Architectural Research*, **8** (2) 77–93.
- Salomon, I. (1985) Telecommunications and travel: Substitution or modified mobility?, *Journal of Transport Economics and Policy*, **19** (3) 219–235.
- Salomon, I. and M. E. Ben-Akiva (1983) The use of the life-style concept in travel demand models, *Environment and Planning A*, **15** (5) 623–683.
- Salonen, M. and T. Toivonen (2013) Modelling travel time in urban networks: comparable measures for private car and public transport, *Journal of Transport Geography*, **31**, 143–153.
- Salvini, P. A. and E. J. Miller (2005) ILUTE: An operational prototype of a comprehensive microsimulation model of urban systems, *Networks and Spatial Economics*, **5** (2) 217–234.
- Sammer, G. (2008) Klimaschutzmaßnahmen für Verkehr - Nein danke?!, *Straßenverkehrstechnik*, **52** (1) 1.
- Sands, S., H. Oppewal and M. Beverland (2009) The effects of in-store themed events on consumer store choice decisions, *Journal of Retailing and Consumer Services*, **16** (5) 386–395.
- Saner, D., N. Heeren, B. Jäggi, R. A. Waraich and S. Hellweg (2013) Housing and Mobility Demands of Individual Households and their Life Cycle Assessment, *Environmental Science & Technology*, **47** (11) 5988–5997.
- Sanni, T. and P. A. Albrantes (2013) Estimating walking modal share: a novel approach based on spatial regression models and gis, *Journal of Maps*, **6** (1) 192–198.
- Santos, G., W. W. Li and W. T. Koh (2004) 9. Transport Policies in Singapore, *Research in Transport Economics*, **9** (1) 209–235.
- Santos, G. and L. Rojey (2004) Distributional impacts of road pricing: The truth behind the myth, *Transportation*, **31** (1) 21–42.
- Santos, G. and B. Shaffer (2004) Preliminary results of the London congestion charging sche-

me, *Rand Journal of Economics*, **9** (2) 164–181.

Sanders, H. D. (2000) A view from the macro side: rebound, backfire, and Khazzoum-Brookes, *Journal of Energy Policy*, **28** (6) 439–449.

Saricks, C. L., J. L. Schofer, S. Sööt and P. A. Belella (1997) Evaluating effectiveness of real-time advanced traveler information systems using a small test vehicle fleet, *Transportation Research Record*, **1588**, 41–48.

Sarlas, G., V. Papathanasopoulou and C. Antoniou (2013) Simulation-based analysis of road-pricing prospects for Athens, Greece, *Journal of Urban Planning and Development*, **139** (3) 206–215.

Sasidharan, L. and E. T. Donnell (2014) Propensity scores-potential outcomes framework to incorporate severity probabilities in the Highway Safety Manual crash prediction algorithm, *Accident Analysis & Prevention*, **71**, 183–193.

Sasidharan, L., K.-F. Wu and M. Menéndez (2015) Exploring the application of latent class cluster analysis for investigating pedestrian crash injury severities in Switzerland, *Accident Analysis & Prevention*, **85**, 219–228.

Sasidharan, L. and M. Menéndez (2014) Partial Proportional Odds Model – An Alternate Choice for Analyzing Pedestrian Crash Injury Severities, *Accident Analysis & Prevention*, **72**, 330–340.

Sazonov, E. S., P. Klinkhachorn, H. V. S. GangaRao and U. B. Halabe (2002) Fuzzy logic expert system for automated damage detection from changes in strain energy mode shapes, *Nondestructive Testing and Evaluation*, **18** (1) 1–17.

Scellato, S., A. Cardillo, V. Latora and S. Porta (2006) The backbone of a city, *The European Physical Journal*, **50** (1–2) 221–225.

Scott, D. M. and K. W. Axhausen (2006) Household mobility tool ownership: Modeling interactions between cars and season tickets, *Transportation*, **33** (4) 311–328.

Scott, D. M. and S. He (2012) Modeling constrained destination choice for shopping: a GIS-based, time-geographic approach, *Journal of Transport Geography*, **23**, 60–71.

Scherer, M. (forthcoming) Is light rail more attractive to users than bus rapid transit? Arguments based on cognition and rational choice, *Transportation Research Record*.

Scheiner, J. (2007) Mobility biographies: Elements of a biographical theory of travel demand (mobilitätsbiographien: Bausteine zu einer biographischen theorie der verkehrsnachfrage), *Erdkunde*, 161–173.

Scheiner, J., K. Sicks and C. Holz-Rau (2014) Generationsübergreifende Mobilitätsbiografien-Dokumentation der Datengrundlage: Eine Befragung unter Studierenden, ihren Eltern und Großeltern (Arbeitspapiere des Fachgebiets Verkehrswesen und Verkehrsplanung 29), *TU*

Dortmund, **29**.

Schirmer, P. M., M. A. B. van Eggermond and K. W. Axhausen (2014) The role of location in residential location choice models – A review of literature, *Journal of Transport and Land Use*, **7** (2) 3–21.

Schirmer, P. M. (2013) Shape Grammars in der Stadtplanung – Ein Erfahrungsbericht, *PLANERIN.SRL-Mitteilungen für Stadt-, Regional- und Landesplanung*, **2013** (1) 33–35.

Schirmer, P. M. and K. W. Axhausen (2016) A multiscale classification of urban morphology, *Journal of Transport and Land Use*, **9** (1) 101–130.

Schlich, R. and K. W. Axhausen (2003) Habitual travel behaviour: Evidence from a six-week travel diary, *Transportation*, **30** (1) 13–36.

Schlich, R., S. Schönfelder, S. Hanson and K. W. Axhausen (2004) Structures of leisure travel: Temporal and spatial variability, *Transport Reviews*, **24** (2) 219–237.

Schmidt, C. G. (1980) Location decision-making within a retail corporation, *The Journal of Regional Analysis & Policy*, **13**, 60–71.

Schmöcker, J.-D., A. Fonzone, H. Shimamoto, F. Kurauchi and M. G. H. Bell (2011) Frequency-based transit assignment considering seat capacities, *Transportation Research Part B*, **45**, 392–408.

Schneider, C. M., V. Belik, T. Couronne and M. C. González (2013) Unravelling daily human mobility motifs, *Journal of The Royal Society Interface*, **10**.

Schofer, J. L., F. S. Koppelman and W. A. Charlton (1997) Perspectives on driver preferences for dynamic route guidance systems, *Transportation Research Record*, **1588**, 26–31.

Schönfelder, S. and K. W. Axhausen (2003) Activity spaces: Measures of social exclusion?, *Transport Policy*, **10** (4) 273–286.

Schonland, A. M. and P. W. Williams (1996) Using the Internet for Travel and Tourism Survey Research: Experiences from the Net Traveler Survey, *Journal of Travel Research*, **35** (2) 81–87.

Schuster, T. D., J. Byrne, J. Corbett and Y. Schreuder (2005) Assessing the potential extent of carsharing: A new method and its implications, *Transportation Research Record*, **1927**, 174–181.

Schwanen, T. and P. L. Mokhtarian (2005) What affects commute mode choice: Neighborhood physical structure or preferences toward neighborhoods?, *Journal of Transport Geography*, **13** (1) 83–99.

Schwanen, T., D. F. Ettema and H. J. P. Timmermans (2007) If you pick up the children, I'll do the groceries: Differences in between-partner interactions in out-of-home household activities,

*Environment and Planning A*, **39**, 2754–2773.

Scott, D. M. and K. W. Axhausen (2006) Household mobility tool ownership: modelling interactions between cars and season tickets, *Transportation*, **33** (4) 311–328.

Schaefer, A., H. D. Jacoby, J. B. Heywood and I. A. Waitz (2009) The other climate thread: Transportation, *American Scientist*, **97** (6) 476–483.

Schelling, T. C. (1971) Dynamic models of segregation, *The Journal of Mathematical Society*, **1** (2) 143–186.

Schüssler, N. and K. W. Axhausen (forthcoming) Processing GPS raw data without additional information, *Transportation Research Record*.

Schüssler, N. and K. W. Axhausen (2009) Processing GPS raw data without additional information, *Transportation Research Record*, **2105**, 28–36.

Schultz, P. W. (2001) The structure of environmental concern: Concern for self, other people, and the biosphere, *Journal of Environmental Psychology*, **21** (4) 327–339.

Schwanen, T. and G. Mokhtarian (2005) What if you live in the wrong neighborhood? The impact of residential neighborhood type dissonance on distance travelled, *Transportation Research Part D: Transport and Environment*, **10** (2) 127–151.

Schwartz, S. H. (1977) Normative influences on altruism, *Advances in Experimental Social Psychology*, **10**, 221–279.

Scott, D. M., D. C. Novak, L. Aultman-Hall and F. Guo (2006) Network robustness index: A new method for identifying critical links and evaluating the performance of transportation networks, *Journal of Transport Geography*, **14** (3) 215–227.

Scott, D. M., E. R. Dugundji and A. Páez (2013) The social dimension of activity, travel and location choice behavior, *Journal of Transport Geography*, **31**, 212–215.

Seaborn, C., J. Attanucci and N. H. M. Wilson (2009) Analyzing multimodal public transport journeys in London with smart card fare payment data, *Transportation Research Record*, **2121**, 55–62.

Seaton, K. A. and L. M. Hackett (2004) Stations, trains and small-world networks, *Physica A: Statistical Mechanics and its Applications*, **339** (3-4) 634–644.

Seddighi, H. R. and A. L. Theocharous (2002) A model of tourism destination choice: a theoretical and empirical analysis, *Tourism Management*, **23** (5) 475–487.

Seddon, P. (1972) Program for simulating dispersion of platoons in road traffic, *Simulation*, **18** (3) 81–90.

Sedgewick, R. and J. S. Vitter (1986) Shortest paths in Euclidean graphs, *Algorithmica*, **1** (1)

31–48.

Sen, P., S. Dasgupta, A. Chatterjee, P. A. Sreeram, G. Mukherjee and S. S. Manna (2003) Small-world properties of the Indian railway network, *Physical Review E*, **67** (3) 036106.

Senbil, M. and R. Kitamura (2008) Policy effects on decisions under uncertain conditions: Simulation with mixed logit models of toll expressway use, *Transportation Research Record*, **2076**, 1–9.

Sener, I. N., R. M. Pendyala and C. R. Bhat (2011) Accommodating spatial correlation across choice alternatives in discrete choice models: An application to modeling residential location choice behavior, *Journal of Transport Geography*, **19** (2) 294–303.

Serrano, A. and M. Boguñá (2005) Tuning clustering in random networks with arbitrary degree distributions, *Physical Review E*, **72** (3) 036133.

Sevciková, H. S., A. E. Raftery and P. A. Waddell (2007) Assessing uncertainty in urban simulations using Bayesian melding, *Transportation Research Part B: Methodological*, **41** (6) 652–669.

Sewall, J., D. Wilkie and M. C. Lin (2011) Interactive hybrid simulation of large-scale traffic, *ACMTG*, **30** (6), December 2011.

Shaheen, S. A., S. Guzman and H. Zhang (2010) Bikesharing in Europe, the Americas, and Asia: Past, present and future, *Transportation Research Record*, **2143**, 159–167.

Shalizi, C. R. and A. Rinaldo (2013) Consistency under sampling of exponential random graph models, *Annals of Statistics*, **41** (2) 508–535.

Sharma, S., S. Ukkusuri and T. V. Mathew (2009) Pareto optimal multiobjective optimization for robust transportation network design problem, *Transportation Research Record*, **2090** (1) 95–104.

Shatz, S. M. (2005) The psychometric properties of the behavioral inhibition scale in a college-aged sample, *Personality and Individual Differences*, **39** (2) 331–339.

Sheffi, Y., H. S. Mahmassani and W. B. Powell (1982) A transportation network evacuation model, *Transportation Research Part A: Policy and Practice*, **16** (4) 209–218.

Sheffi, Y. and W. B. Powell (1983) Optimal signal settings over transportation networks, *Journal of Transportation Engineering*, **109** (6) 824–839.

Sheffi, Y. and W. B. Powell (1982) An algorithm for the equilibrium assignment problem with random link times, *Networks*, **12** (2) 191–207.

Sheffi, Y. and W. B. Powell (1981) A comparison of stochastic and deterministic traffic assignment over congested networks, *Transportation Research Part B: Methodological*, **15** (1) 53–64.

- Shen, L. and P. R. Stopher (2014) Review of GPS travel survey and GPS data-processing methods, *Transport Reviews: A Transnational Transdisciplinary Journal*, **34** (3) 316–334.
- Shen, L. and P. R. Stopher (2013) A process for trip purpose imputation from Global Positioning System data, *Transportation Research Part C: Emerging Technologies*, **36**, 261–267.
- Shen, Q. (1998) Location characteristics of inner-city neighborhoods and employment accessibility of low-wage workers, *Environment and Planning B*, **25** (3) 345–365.
- Shendarkar, A., K. Vasudevan, S. Lee and Y.-J. Son (2008) Crowd simulation for emergency response using BDI agents based on immersive virtual reality, *Simulation Modelling Practice and Theory*, **16** (9) 1415–1429.
- Shenhar, G., D. Gidron and K. Peleg (2008) Mass population displacement under an unclear evacuation policy during the Israel-Lebanon War 2006, *Journal of Homeland Security and Emergency Management*, **5** (1) 1–11.
- Sherali, H. D., T. B. Carter and A. G. Hobeika (1991) A location-allocation model and algorithm for evacuation planning under hurricane/flood conditions, *Transportation Research Part B: Methodological*, **25** (6) 439–425.
- Sherman, M. (1997) Comparing the sample mean and the sample median: An exploration in the exponential power family, *The American Statistician*, **51** (1) 52–54.
- Schillaci, M. A. and M. E. Schillaci (2009) Estimating the probability that the sample mean is within a desired fraction of the standard deviation of the true mean, *Journal of Human Evolution*, **56**, 134–138.
- Shim, S. and M. A. Eastlick (1998) The hierarchical influence of personal values on mall shopping attitude and behavior, *Journal of Retailing*, **74** (1) 139–160.
- Shiftan, Y. (1998) Practical approach to model trip chaining, *Transportation Research Record*, **1645**, 17–23.
- Shocker, A. D., M. E. Ben-Akiva, B. Boccara and P. Nedungadi (1991) Consideration set influences on consumer decision-making and choice: Issues, models, and suggestions, *Marketing Letters*, **2** (3) 181–197.
- Shoup, D. (2004) The ideal source of local public revenue, *Regional Science and Urban Economics*, **34** (6) 753–784.
- Shoup, D. (2006) Cruising for parking, *Transport Policy*, **13** (6) 479–486.
- Shugan, S. M. (1980) The cost of thinking, *Journal of Consumer Research*, **7** (2) 99–111.
- Shulman, N. (1976) Network analysis: a new addition to an old bag of tricks, *Acta Sociologica*, **19** (4) 307–323.

- Si, B., J. Long and Z. Gao (2008) Optimization model and algorithm for mixed traffic of urban road network with flow interference, *Science in China Series E: Technological Sciences*, **51** (12) 2223–2232.
- Simini, F., M. C. González, A. Maritan and A.-L. Barabási (2012) A universal model for mobility and migration patterns, *Nature*, **484**, 96–100.
- Simma, A. and K. W. Axhausen (2003) Commitments and modal usage: Analysis of German and Dutch panels, *Transportation Research Record*, **1854**, 22–31.
- Simon, P. M., J. Esser and K. Nagel (1999) Simple queueing model applied to the city of Portland, *International Journal of Modern Physics C*, **10** (5) 941–960.
- Simoni, M. D., A. J. Pel, R. A. Waraich and S. P. Hoogendoorn (2015) Marginal cost congestion pricing based on the network fundamental diagram, *Transportation Research Part C: Emerging Technologies*, **56**, 221–238.
- Simon, H. A. (1958) Theories of decision-making in economics and behavioral science, *American Economic Review*, **49** (3) 253–283.
- Simon, H. A. (1977) What computers mean for men and society, *Science*, **195** (4283) 1186–1191.
- Simon, H. (1955) A behavioral model of rational choice, *Quarterly Journal of Economics*, **69** (1) 99–118.
- Sing, T.-F., I.-C. Tsai and M.-C. Chen (2006) Price dynamics in public and private housing markets in Singapore, *Journal of Housing Economics*, **15**, 305–320.
- Sirmans, S. G., D. A. Macpherson and E. N. Zietz (2009) The composition of hedonic pricing models, *Journal of Real Estate Literature*, **13**, 1–44.
- Sivakumar, A. and C. R. Bhat (2007) Comprehensive, unified framework for analyzing spatial location choice, *Transportation Research Record*, **2003**, 103–111.
- Small, K. A. (1982) The scheduling of consumer activities: Work trips, *American Economic Review*, **72** (3) 467–479.
- Small, K. A. (1987) A discrete choice model for ordered alternatives, *Econometrica*, **55** (2) 409–424.
- Small, K. A. and J. Yan (2001) The Value of 'Value Pricing' of Roads: Second-Best Pricing and Product Differentiation, *Journal of Urban Economics*, **49** (2) 310–336.
- Small, K. A., C. Winston and J. Yan (2005) Uncovering the Distribution of Motorists' Preferences for Travel Time and Reliability, *Econometrica*, **73** (4) 1367–1382.
- Small, K. A. (2012) Valuation of travel time, *Economics of Transportation*, **1** (1) 2–14.

- Smieszek, T., M. Balmer, J. Hattendorf, K. W. Axhausen, J. Zinsstag and R. W. Scholz (forthcoming) Reconstructing the 2003/2004 H3N2 influenza epidemic in Switzerland with a spatially explicit, individual-based model, *BMC Infectious Diseases*.
- Smieszek, T., M. Balmer, J. Hattendorf, K. W. Axhausen, J. Zinsstag and R. W. Scholz (2011) Reconstructing the 2003/2004 H3N2 influenza epidemic in Switzerland with a spatially explicit, individual-based model, *BMC Infectious Diseases*, **11** (115).
- Smith, J. L. (2009) World oil: Market or mayhem, *Journal of Economic Perspectives*, **23** (3) 145–164.
- Smith, M. J. (1993) Existence and calculation of dynamic user equilibria on congested capacity-constrained road networks, *Transportation Research Part B: Methodological*, **27** (1) 49–63.
- Smith, M. J. (1983) The existence and calculation of traffic equilibria, *Transportation Research Part B: Methodological*, **17** (4) 291–303.
- Smith, M. J. (1979) The existence, uniqueness and stability of traffic equilibria, *Transportation Research Part B: Methodological*, **13** (4) 295–304.
- Smith, M. J. (1979) Traffic control and route choice; a simple example, *Transportation Research Part B: Methodological*, **13** (4) 295–304.
- Smith, M. C., A. W. Sadek and S. Huang (2008) Large-scale microscopic simulation: Toward an increased resolution of transportation models, *Journal of Transportation Engineering*, **134** (7) 273–281.
- Smith, S. A. and C. Perez (1992) Evaluation of INFORM: Lessons learned and application to other systems, *Transportation Research Record*, **1360**, 62–65.
- Smock, R. B. (1962) An iterative assignment approach to capacity restraint on arterial networks, *Highway Research Board Bulletin*, **347**, 6–66.
- Snijders, T. A. B. (1992) Estimation on the basis of snowball samples: How to weight?, *Bulletin of Sociological Methodology*, **36** (1) 59–70.
- Snijders, T. A. B. (2011) Statistical models for social networks, *Annual Review of Sociology*, **37**, 131–153.
- Snellen, D., A. W. J. Borgers and H. J. P. Timmermans (2002) Urban form, road network type, and mode choice for frequently conducted activities: A multilevel analysis using quasi-experimental design data, *Environment and Planning A*, **34** (7) 1207–1220.
- Sobolevsky, S., M. Szell, R. Campari, T. Couronné, Z. Smoreda and C. Ratti (2013) Delineating geographical regions with networks of human interactions in a n extensive set of countries, *PLoS ONE*, **8** (12) e81707.



- Sohail, K., I. Umar, S. Saquib and A. Asim (2006) Bhattacharyya coefficient in correlation of gray-scale objects, *Journal of Multimedia*, **1** (1) 56–61.
- Sohn, J. (2006) Evaluating the significance of highway network links under the flood damage: An accessibility approach, *Transportation Research Part A: Policy and Practice*, **40** (6) 491–506.
- Soo, J., D. F. Ettema and H. F. L. Ottens (2008) Analysis of travel time in multiple-purpose trips, *Transportation Research Record*, **2082**, 56–62.
- Sobel, K. L. (1980) Travel demand forecasting by using the nested multinomial logit model, *Transportation Research Record*, **775**, 48–55.
- Song, G., L. Yu and Y. Zhang (2012) Applicability of traffic microsimulation models in vehicle emissions estimates, *Transportation Research Record*, **2270**, 132–141.
- Song, C., Z. Qu, N. Blumm and A.-L. Barabási (2010) Limits of predictability in human mobility, *Science*, **327** (5968) 1018–1021.
- Southworth, F. (1981) Calibration of multinomial logit models of mode and destination choice, *Transportation Research Part A: Policy and Practice*, **15** (4) 315–325.
- Southworth, F. (1981) Calibration of multinomial logit models of mode and destination choice, *Transportation Research Part A*, **15** (4) 315–325.
- Spiess, H. and M. Florian (1989) Optimal strategies: A new assignment model for transit networks, *Transportation Research Part B: Methodological*, **23B** (2) 82–102.
- Spiggle, S. and M. A. Sewall (1987) A choice sets model of retail selection, *Journal of Marketing*, **51** (2) 97–111.
- Spissu, E., A. R. Pinjari, C. R. Bhat, R. M. Pendyala and K. W. Axhausen (forthcoming) An analysis of weekly out-of-home discretionary activity participation and time use behaviour, *Transportation*.
- Spissu, E., A. R. Pinjari, C. R. Bhat, R. M. Pendyala and K. W. Axhausen (2009) An analysis of weekly out-of-home discretionary activity participation and time use behaviour, *Transportation*, **36** (5) 483–510.
- Srinivasan, S. and S. R. Athuru (2005) Analysis of within-household effects and between-household differences in maintenance activity allocation, *Transportation*, **32** (5) 495–521.
- Srour, I. M., K. Kockelman and T. P. Dunn (2002) Accessibility Indices: Connection to Residential Land Prices and Location Choices, *Transportation Research Record*, **1805**, 25–34.
- Srinivasan, S. and C. R. Bhat (2005) Modeling household interactions in daily in-home and out-of-home maintenance activity participation, *Transportation*, **32** (5) 523–544.

- Stallings, R. A. (1984) Evacuation behavior at three mile island, *International Journal of Mass Emergencies and Disasters*, **2** (1) 11–26.
- Stapel, D. A., J. F. Joly and S. Lindenberg (forthcoming) Being there: The normative effects of people and environments on perceived norm relevance, *European Journal of Social Psychology*.
- Stanton, I. and A. Pinar (2012) Constructing and sampling graphs with a prescribed joint degree distribution, *ACM Journal of Experimental Algorithmics (JEA)*, **17** (1) Article 3.5.
- Steenbruggen, J., M. T. Borzacchiello, P. Nijkamp and H. Scholten (2013) Mobile phone data from gsm networks for traffic parameter and urban spatial pattern assessment: a review of applications and opportunities, *GeoJournal*, **78** (2) 223–243.
- Steg, L. (2005) Car use: Lust and must. Instrumental, symbolic and affective motives for car use, *Transportation Research Part A: Policy and Practice*, **39** (2) 147–167.
- Stempfel, J., S. I. Guler, M. Menéndez and W. M. Brucks (2015) Effects of urban congestion on safety of networks, *Journal of Transportation Safety & Security*.
- Stephan, F. F. (1942) An iterative method of adjusting sample frequency tables when expected, marginal totals are known, *Annals of Mathematical Statistics*, **13**, 166–178.
- Stern, E. and Z. Sinuany-Stern (1989) A behavioural-based simulation model for urban evacuation, *Papers in Regional Science*, **66** (1) 87–103.
- Stern, P. C., T. Dietz and L. Kalof (1993) Value orientations, gender, and environmental concern, *Environment and Behavior*, **25** (5) 322–348.
- Stern, P. C., T. Dietz, T. Abel, G. A. Guagnano and L. Kalof (1999) A value-belief-norm theory of support for social movements: The case of environmental concern, *Human Ecology Review*, **6** (2) 81–97.
- Stewart, M. (2006) Maximum simulated likelihood estimation of random-effects dynamic probit models with autocorrelated errors, *The Stata Journal*, **6** (2) 256–272.
- Stewart, M. B. (2007) The interrelated dynamics of unemployment and low-wage employment, *Journal of Applied Econometrics*, **22** (3) 511–531.
- Stiny, G. N. and W. J. Mitchell (1978) The palladian grammar, *Environment and Planning B*, **5** (1) 5–18.
- Stiny, G. N. and W. J. Mitchell (1980) The grammar of paradise: On the generation of mughul gardens, *Environment and Planning B*, **7** (2) 209–226.
- Stiny, G. N. (1985) Computing with form and meaning in architecture, *Journal of Architectural Education*, **39** (1) 7–19.

- Stopczynski, A., V. Sekara, P. Sapiezynski, A. Cuttone, M. M. Madsen, J. E. Larsen and S. Lehmann (2014) Measuring large-scale social networks with high resolution, *PLoS ONE*, **9** (4) e95978.
- Stopher, P. R., K. Kockelman, S. Greaves and E. Clifford (2008) Reducing burden and sample sizes in multi-day household travel surveys, *Transportation Research Record*, **2064**, 12–18.
- Stopher, P. R., D. T. Hartgen and Y. Li (1996) SMART: Simulation model for activities, resources and travel, *Transportation*, **23** (3) 293–312.
- Stopher, P. R., C. FitzGerald and J. Zhang (2008) Search for a global positioning system device to measure person travel, *Transportation Research Part C: Emerging Technologies*, **16** (3) 350–369.
- Stopher, P. R. and S. Greaves (2007) Guidelines for samplers: Measuring a change in behaviour from before and after surveys, *Transportation*, **34** (1) 1–16.
- Stopher, P. R., C. FitzGerald and M. Xu (2007) Assessing the accuracy of the Sydney Household Travel Survey with GPS, *Transportation*, **34** (1) 723–724.
- Stouffer, S. A. (1940) Intervening opportunities: A theory relating mobility and distance, *American Sociological Review*, **5** (6) 845–867.
- Stouffer, S. A. (1960) Intervening opportunities and competing migrants, *Journal of Regional Science*, **2** (1) 1–26.
- Strano, E., V. Nicosia, V. Latora, S. Porta and M. Barthélemy (2012) Elementary processes governing the evolution of road networks, *Scientific Reports*, **2**, 1–8.
- Strogatz, S. H. (2001) Exploring complex networks, *Nature*, **410**, 268–276.
- Stutz, F. P. (1973) Intra-urban social visiting and leisure behavior, *Journal of Leisure Research*, **5** (1) 6.
- Suman, B. and P. Kumar (2006) A survey of simulated annealing as a tool for single and multiobjective optimization, *Journal of the Operational Research Society*, **57** (10) 1143–1160.
- Suarez, A., W. Anderson, M. Vijay and T. R. Lakshmanan (2005) Impacts of flooding and climate change on urban transportation: A systemwide performance assessment of the Boston metro area, *Transportation Research Part D: Transport and Environment*, **10** (3) 231–244.
- Sue, E. D. W. and W.-K. Wong (2010) The political economy of housing prices: Hedonic pricing with regression discontinuity, *Journal of Housing Economics*, **19**, 133–144.
- Sullivan, J. L., D. C. Novak, L. Aultman-Hall and D. M. Scott (2010) Identifying critical road segments and measuring system-wide robustness in transportation networks with isolating links: A link-based capacity-reduction approach, *Transportation Research Part A: Policy and Practice*, **44** (5) 323–336.

- Sumalee, A., D. P. Watling and S. Nakayama (2006) Reliable network design problem, *Transportation Research Record*, **1964** (1) 81–90.
- Sumalee, A. and F. Kurauchi (2006) Network capacity reliability analysis considering traffic regulation after a major disaster, *Networks and Spatial Economics*, **6** (3) 205–219.
- Sun, L. and A. L. Erath (2015) A bayesian network approach for population synthesis, *Transportation Research Part C: Emerging Technologies*, **61**, 49–62.
- Sun, L., K. W. Axhausen, D.-H. Lee and X. Huang (2013) Understanding metropolitan patterns of daily encounters, *Proceedings of the National Academy of Sciences of the United States of America*, **110** (34) 13774–13779.
- Sun, L., J. G. Jin, K. W. Axhausen, D.-H. Lee and M. Cebrian (2015) Quantifying long-term evolution of intra-urban spatial interactions, *Journal of the Royal Society Interface*, **12** (102) 1–8.
- Sun, L., K. W. Axhausen, D.-H. Lee and M. Cebrian (2014) Efficient detection of contagious outbreaks in massive metropolitan encounter networks, *Scientific Reports*, **4** (5099) 1–7.
- Sun, L., A. Tirachini, K. W. Axhausen, A. L. Erath and D.-H. Lee (2014) Models of bus boarding and alighting dynamics, *Transportation Research Part A: Policy and Practice*, **69**, 447–460.
- Sun, L., Y. Lu, J. G. Jin, D.-H. Lee and K. W. Axhausen (2015) An integrated Bayesian Approach for passenger flow assignment in metro network, *Transportation Research Part C: Emerging Technologies*, **52**, 116–131.
- Sun, L., J. G. Jin, D.-H. Lee, K. W. Axhausen and A. L. Erath (2014) Demand-driven timetable design for metro services, *Transportation Research Part C: Emerging Technologies*, **46**, 284–299.
- Susilawati, S., M. A. P. Taylor and S. V. C. Somenahalli (2011) Distributions of travel time variability on urban roads, *Journal of Advanced Transportation*.
- Susilo, Y. O. and K. W. Axhausen (2014) Repetitions in individual daily activity-travel-location patterns: a study using the Herfindahl–Hirschman Index, *Transportation*, **41** (5) 995–1011.
- Susilo, Y. O. and R. Kitamura (2005) Analysis of day-to-day variability in an individual's action space, *Transportation Research Record*, **1902**, 124–133.
- Sugiyama, Y., M. Fukui, M. Kikuchi, K. Hasebe, A. Nakayama, K. Nishinari, S.-I. Tadaki and S. Yukawa (2008) Traffic jams without bottlenecks-experimental evidence for the physical mechanism of the formation of a jam, *New Journal of Physics*, **10**, 033001.
- Swain, M. J. and D. H. Ballard (1991) Color indexing, *International Journal of Computer Vision*, **7** (1) 11–32.

- Swait, J. D. (2001) Choice set generation within the generalized extreme value family of discrete choice models, *Transportation Research Part B: Methodological*, **35** (7) 643–666.
- Swait, J. D. (2001) Choice set generation within the generalized extreme value family of discrete choice models, *Transportation Research Part B*, **35** (7) 643–666.
- Swait, J. D. and M. E. Ben-Akiva (1987) Incorporating random constraints in discrete models of choice set generation, *Transportation Research Part B: Methodological*, **21** (2) 91–102.
- Swait, J. D. and M. E. Ben-Akiva (1987) Incorporating random constraints in discrete models of choice set generation, *Transportation Research Part B*, **21** (2) 91–102.
- Talen, E. (2009) Design by the rules: The historical underpinnings of form-based codes, *Journal of the American Planning Association*, **75** (2) 1445–160.
- Tang, B.-s. and Y. Y. Chung (2010) Space and scale: A study of development intensity and housing price in Hong Kong, *Landscape and Urban Planning*, **96** (3) 172–182.
- Taoka, S., D. Takafuji, T. Iguchi and T. Watanabe (2007) Performance comparison of algorithms for the dynamic shortest path problem, *IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences*, **E90-A** (4) 847–856.
- Tatano, H. and S. Tsuchiya (2008) A framework for economic loss estimation due to seismic transportation network disruption: a spatial computable general equilibrium approach, *Natural Hazards*, **44** (2) 253–265.
- Tatieni, M., H. Edwards and D. Boyce (1998) Comparison of disaggregate simplicial decomposition and Frank-Wolfe algorithms for user-optimal route choice, *Transportation Research Record*, **1617**, 157–162.
- Taylor, M. A. P., S. V. C. Sekhar and G. M. D’Este (2006) Application of accessibility based methods for vulnerability analysis of strategic road networks, *Networks and Spatial Economics*, **6** (3–4) 267–291.
- Taylor, M. A. P. (2008) Critical transport infrastructure in urban areas: Impacts of traffic incidents assessed using accessibility-based network vulnerability analysis, *Growth and Change*, **39** (4) 593–616.
- Teller, C. (2008) Shopping streets versus shopping malls—determinants of agglomeration format attractiveness from the consumers’ point of view, *The International Review of Retail, Distribution and Consumer Research*, **18** (4) 381–403.
- Teller, C. and T. Reutterer (2008) The evolving concept of retail attractiveness: What makes retail agglomerations attractive when customers shop at them?, *Journal of Retailing and Consumer Services*, **15** (3) 127–143.
- Tero, A., S. Takagi, T. Saigusa, K. Ito, D. P. Bebber, M. D. Fricker, K. Yumiki, R. Kobayashi and T. Nakagaki (2010) Rules for biologically inspired adaptive network design, *Science*,

**327** (439) 439–442.

Thakuriah, P. and Y. Liao (2006) Transportation expenditures and ability to pay: Evidence from consumer expenditure survey, *Transportation Research Record*, **1985**, 257–265.

Thill, J.-C. (1992) Choice set formation for destination choice modelling, *Progress in Human Geography*, **16** (3) 361–382.

Thill, J.-C. and A. J. Horowitz (1997) Travel-time constraints on destination-choice sets, *Geographical Analysis*, **29** (2) 108–123.

Thompson, P., E. Small, M. Johnson and A. Marshall (1998) The PONTIS bridge management system, *Structure Engineering International*, **8** (4) 303–308.

Thompson, R. G. and A. J. Richardson (1998) A parking search model, *Transportation Research Part A: Policy and Practice*, **32** (3) 159–170.

Thompson, S. K. and O. Frank (2000) Model-based estimation with link-tracing sampling designs, *Survey Methodology*, **26** (1) 87–98.

Tibshirani, R., G. Walther and T. Hastie (2001) Estimating the number of clusters in a data set via the gap statistic, *Journal of the Royal Statistical Society: Series B (Statistical Methodology)*, **63** (2) 411–423.

Timmermans, H. J. P. (1996) A stated choice model of sequential mode and destination choice behaviour for shopping trips, *Environment and Planning A*, **28** (1) 173–184.

Timmermans, H. J. P. (1980) Consumer spatial choice strategies: A comparative study of some alternative behavioural spatial shopping models, *Geoforum*, **11**, 123–131.

Timmermans, H. J. P. (2008) Consumer choice of shopping centre: an information integration approach, *Regional Studies*, **16** (3) 171–182.

Timmermans, H. J. P. (2001) Models of activity scheduling behavior, *Stadt Region Land*, **71**, 33–47.

Timmermans, H. J. P. (1983) Non-compensatory decision rules and consumer spatial choice behavior: A test of predictive ability, *The Professional Geographer*, **35** (4) 449–455.

Timmermans, H. J. P., T. A. Arentze and C.-H. Joh (2001) Modeling effects of anticipated time pressure on execution of activity programs, *Transportation Research Record*, **1752**, 8–15.

Timmermans, H. J. P., T. A. Arentze and C.-H. Joh (2000) Modelling learning and evolutionary adaptation processes in activity settings, *Transportation Research Record*, **1718**, 27–33.

Timmermans, H. J. P., R. van der Heijden and H. Westerveld (1982) The identification of factors influencing destination choice: An application of the repertory grid methodology, *Transportation*, **11** (2) 189–203.

- Timmermans, H. J. P., A. W. J. Borgers and P. van der Waerden (1992) Mother logit analysis of substitution effects in consumer shopping destination choice, *Journal of Business Research*, **24** (4) 177–189.
- Timmermans, H. J. P. and J. Zhang (2009) Modeling household activity travel behavior: Examples of state of the art modeling approaches and research agenda, *Transportation Research Part B: Methodological*, **43** (2) 187–190.
- Tirachini, A., L. Sun, A. L. Erath and A. Chakirov (2016) Valuation of sitting and standing in metro trains using revealed preferences, *Transport Policy*, **47**, 94–104.
- Tirachini, A. and D. A. Hensher (2011) The identification of factors influencing destination choice: An application of the repertory grid methodology, *Transportation Research Part B: Methodological*, **45** (5) 828–844.
- Tirachini, A., D. A. Hensher and J. M. Rose (2014) Multimodal pricing and optimal design of urban public transport: The interplay between traffic congestion and bus crowding, *Transportation Research Part B: Methodological*, **61** (0) 33–54.
- Topp, H. H. (1991) Parking policies in large cities in Germany, *Transportation*, **18** (1) 3–21.
- Fröhlich, P., M. Tschopp and K. W. Axhausen (2006) Development of the accessibility of Swiss municipalities: 1950 to 2000, *Raumforschung und Raumordnung*, **63** (6) 385–399.
- Train, K. E. (1978) A validation test of a disaggregate mode choice model, *Transportation Research*, **12** (3) 167–174.
- Tseng, Y. Y., E. Verhoef, G. de Jong, M. Kouwenhoven and T. van der Hoorn (2009) A pilot study into the perception of unreliability of travel time using in-depth interview, *Journal of Choice Modelling*, **2**, 8–28.
- Welch, M. and H. Williams (1997) The sensitivity of transport investment benefits to the evaluation of small travel time savings, *Journal of Transport Economics and Policy*, **31**, 231–254.
- Zhang, L., T. M. Garoni and J. de Gier (2013) A comparative study of macroscopic fundamental diagrams of arterial road networks governed by adaptive traffic signal systems, *Transportation Research Part B*, **49**, 1–23.
- Travers, J. and S. Milgram (1967) An experimental study of the small world problem, *Sociometry*, **32** (4) 425–443.
- Treiber, M., A. Kesting and D. Helbing (2010) Three-phase traffic theory and two-phase models with a fundamental diagram in the light of empirical stylized facts, *Transportation Research Part B: Methodological*, **44** (8-9) 983–1000.
- Trigg, D. W. and A. G. Leach (1968) Exponential smoothing with an adaptive response rate, *Operational Research Quarterly*, **18** (1) 53–59.

- Trozzi, V., G. Gentile, M. G. H. Bell and I. Kaparias (2013) Dynamic user equilibrium in public transport networks with passenger congestion and hyperpaths, *Transportation Research Part B*.
- Trucano, T. G., L. P. Swiler, T. Igusa, W. L. Oberkampf and M. Pilch (2006) Calibration, validation, and sensitivity analysis: What's what, *Reliability Engineering and System Safety*, **91** (10-11) 1331–1357.
- Tse, R. Y. C. and P. E. D. Love (2000) Measuring residential property values in Hong Kong, *Property Management*, **18** (5) 366–374.
- Tsekeris, T. and S. Voß(2009) Design and evaluation of road pricing: state-of-the-art and methodological advances, *NETNOMICS*, **10** (1) 5–52.
- Tseng, Y.-Y. and E. T. Verhoef (2008) Value of time by time of day: A stated-preference study, *Transportation Research Part B*, **42** (7) 607–618.
- Tsirimpa, A., A. Polydoropoulou and C. Antoniou (2010) Development of a latent variable model to capture the impact of risk aversion on travelers' switching behavior, *Journal of Choice Modelling*, **3** (1) 127–148.
- Tsui, S. Y. A. and A. Shalaby (2006) An enhanced system for link and mode identification for GPS-based personal travel surveys, *Transportation Research Record*, **1972**, 38–45.
- Tu, Y., L. K. Kwee and B. Yuen (2005) An empirical analysis of singapore households' upgrading mobility behaviour: from public homeownership to private homeownership, *Habitat International*, **29** (3) 511–525.
- Turrentine, T. S. and K. S. Kurani (2007) Car buyers and fuel economy?, *Journal of Energy Policy*, **35** (2) 1213–1223.
- Tuydes, H. and A. K. Ziliaskopoulos (2007) Tabu-based heuristic approach for optimization of network evacuation contraflow, *Transportation Research Record*, **1964** (1) 157–168.
- Tweedie, S. W., J. R. Rowland, S. J. Walsh, R. P. Rhoten and P. I. Hagle (1986) A methodology for estimating emergency evacuation times, *The Social Science Journal*, **23** (2) 189–204.
- Tversky, A. (1972) Elimination by aspects: A theory of choice, *Psychological Review*, **79** (4) 281–299.
- Uncles, M. D. (1996) Classifying shoppers by their shopping-trip behaviour: a polythetic-divisive method, *Marketing Intelligence & Planning*, **14** (1) 35–44.
- Ukkusuri, S., T. V. Mathew and S. T. Waller (2007) Robust transport network design under demand uncertainty, *Computer-Aided Civil and Infrastructure Engineering*, **22** (1) 6–18.
- Ukkusuri, S. and S. T. Waller (2008) Linear programming models for the user and system optimal dynamic network design problem: Formulations, comparisons and extensions, *Networks*



*and Spatial Economics*, **8** (4) 383–406.

Urbany, J. E., P. R. Dickson and R. Kalapurakal (1996) Price search in the retail grocery market, *Journal of Marketing*, **60** (2) 91–104.

van Buuren, S. and K. Groothuis-Oudshoorn (2011) mice: Multivariate imputation by chained equations in r, *Journal of Statistical Software*, **45** (3).

van den Berg, V. A. and E. T. Verhoef (2011) Congestion tolling in the bottleneck model with heterogeneous values of time, *Transportation Research Part B: Methodological*, **45** (1) 60–78.

van den Berg, V. A. and E. T. Verhoef (2011) Winning or losing from dynamic bottleneck congestion pricing?: The distributional effects of road pricing with heterogeneity in values of time and schedule delay, *Journal of Public Economics*, **95** (7) 983–992.

van den Berg, V. A. (2014) Coarse tolling with heterogeneous preferences, *Transportation Research Part B: Methodological*, **64**, 1–23.

van der Waerden, P., A. W. J. Borgers and H. J. P. Timmermans (2006) Attitudes and behavioral responses to parking measures, *European Journal of Transport and Infrastructure Research*, **6** (4) 301–312.

van der Waerden, P., A. W. J. Borgers and H. J. P. Timmermans (1998) The impact of the parking situation in shopping centres on store choice behaviour, *GeoJournal*, **45** (4) 309–315.

van der Waerden, P., H. Oppewal and H. J. P. Timmermans (1993) Adaptive choice behaviour of motorists in congested shopping centre parking lots, *Transportation*, **20**, 395–408.

van der Waerden, P., H. J. P. Timmermans and A. W. J. Borgers (2002) PAMELA: Parking analysis model for predicting effects in local areas, *Transportation Research Record*, **1781**, 10–18.

van der Zijpp, N. J. and S. Fiorenzo-Catalano (2005) Path enumeration by finding the constrained k-shortest paths, *Transportation Research Part B: Methodological*, **39** (6) 545–563.

Vanegas, C. A., D. G. Aliaga, B. Benes and P. A. Waddell (2009) Interactive design of urban spaces using geometrical and behavioral modeling, *ACM Transactions on Graphics*, **28** (5) 1–10.

Vanegas, C. A., D. G. Aliaga, P. Wonka, P. Müller, P. A. Waddell and B. Watson (2009) Modeling the appearance and behavior of urban spaces, *COMPUTER GRAPHICS forum*, **28** (2) 1–18.

van Eggermond, M. A. B. and K. W. Axhausen (2009) Using discrete choice models to support strategic decision-making of air transportation service providers, *Wirtschaftspolitische Blätter*, **56** (1) 37–58.

van Eggermond, M. A. B. (2013) Accessibility on a micro-level: a closer look at pedestrian

routing and network generation, *Proceedings of the Eastern Asia Society for Transportation Studies*, **9**, P206.

van Eggermond, M. A. B. and A. L. Erath (2015) Pedestrian and transit accessibility on a micro level: results and challenges, *Journal of Transport and Land Use*, **9.3**.

van Kenhove, P., K. de Wulf and W. van Waterschoot (1999) The impact of task definition on store-attribute saliences and store choice, *Journal of Retailing*, **75** (1) 125–137.

van Middelkoop, M., A. W. J. Borgers and H. J. P. Timmermans (2004) Merlin: Microsimulation system for predicting leisure activity-travel patterns, *Transportation Research Record*, **1894** (1) 20–27.

Van Nostrand, C., V. Sivaraman and A. R. Pinjari (2013) Analysis of long-distance vacation travel demand in the United States: a multiple discrete-continuous choice framework, *Transportation*, **40** (1) 151–171.

van Vliet, D. (1982) Saturn – a modern assignment model, *Traffic Engineering and Control*, **23** (2) 578–581.

van Wee, B. (2009) Self-selection: A key to a better understanding of location choices, travel behaviour and transport externalities?, *Transport Reviews*, **29** (3) 279–292.

Vasoo, S. and J. Lee (2001) Singapore: social development, housing and the central provident fund, *International Journal of Social Welfare*, **10** (4) 276–283.

Veenstra, S. A., T. Thomas and S. I. A. Tutert (2010) Trip distribution for limited destinations: a case study for grocery shopping trips in the netherlands, *Transportation*, **37** (4) 663–676.

Velaga, N. R., M. A. Quddus and A. L. Bristow (2009) Developing an enhanced weight-based topological map-matching algorithm for intelligent transport systems, *Transportation Research Part C: Emerging Technologies*, **17** (6) 672–683.

Veldhuisen, J., H. J. P. Timmermans and L. Kapoen (2000) Microsimulation model of activity patterns and traffic flows: Specification, validation tests, and Monte Carlo error, *Transportation Research Record*, **1706**, 126–135.

Veldhuisen, J., H. J. P. Timmermans and L. Kapoen (2000) RAMBLAS: a regional planning model based on the microsimulation of daily activity travel patterns, *Environment and Planning A*, **32** (3) 427–443.

Venables, A. J. (2007) Evaluating urban transport improvements, *Journal of Transport Economics and Policy*, **41** (2) 173–188.

Venter, C. and M. Hansen (1998) Flexibility and time dependence in activity scheduling models, *Transportation Research Record*, **1645**, 120–126.

Verhoef, E. T. and K. A. Small (2004) Product Differentiation on Roads, *Journal of Transport*

*Economics and Policy*, **38** (1) 127–156.

Versichele, M., T. Neutens, M. Delafontaine and N. van de Weghe (forthcoming) The use of Bluetooth for analysing spatiotemporal dynamics of human movement at mass events: A case study of the Ghent Festivities, *Applied Geography*.

Viana, M. P., E. Strano, P. Bordin and M. Barthélemy (2013) The simplicity of planar networks, *Scientific Reports*, **3** (3495) 1–6.

Vickrey, W. S. (1954) The economizing of curb parking space, *Traffic Engineering*, 62–67, November 1954.

Vickrey, W. S. (1963) Pricing in urban and suburban transport, *American Economic Review*, **53** (2) 452–465.

Vickrey, W. S. (1969) Congestion theory and transport investment, *The American Economic Review*, **59** (2) 251–260.

Vieira, H., S. M. Sanchez, K. H. Kienitz and M. C. N. Belderrain (2013) Efficient, nearly orthogonal-and-balanced, mixed designs: an effective way to conduct trade-off analyses via simulation, *Journal of Simulation*, **7** (4) 264–275.

Vitins, B. J. and K. W. Axhausen (2009) Optimization of large transport networks using the ant colony heuristic, *Computer-Aided Civil and Infrastructure Engineering*, **24** (1) 1–14.

Vitins, B. J. and K. W. Axhausen (2016) Shape grammars overview and assessment for transport and urban design – Review, terminology, assessment, and application, *Journal of Transport and Land Use*, **9** (1) 65–96.

Vlassenroot, S., D. Gillis, R. Bellens and S. Gautama (2015) The use of smartphone applications in the collection of travel behaviour data, *International Journal of Intelligent Transportation Systems Research*, **13** (1) 17–27.

Voas, D. and P. Williamson (2000) An evaluation of the combinatorial optimisation approach to the creation of synthetic microdata, *International Journal of Population Geography*, **6**, 349–366.

Voas, D. and P. Williamson (2001) Evaluating Goodness-of-Fit Measures for Synthetic Microdata, *Geographical and Environmental Modelling*, **5** (2) 177–200.

Vollmer, S., H. Holzmann, F. Ketterer and S. Klasen (2013) Distribution dynamics of regional GDP per employee in unified Germany, *Empirical Economics*, **44** (2) 491–509.

Volz, E. (2004) Random networks with tunable degree distribution and clustering, *Physical Review E*, **70** (5) 056115.

Volz, E. and D. D. Heckathorn (2008) Probability based estimation theory for respondent driven sampling, *Journal of Official Statistics*, **24** (1) 79–97.

- von Hippel, P. T. (2005) Mean, median, and skew: Correcting a textbook rule, *Journal of Statistics Education*, **13** (2).
- Voss, R. F. and J. Clarke (1978) 1/f noise in music: Music from 1/f noise, *Journal of the Acoustical Society of America*, **63** (1) 258–263.
- Vovsha, P. (1997) Cross-Nested Logit model: An application to mode choice in the Tel-Aviv metropolitan area, *Transportation Research Record*, **1607**, 6–15.
- Vovsha, P. and S. Bekhor (1998) The link-nested logit model of route choice: Overcoming the route overlapping problem, *Transportation Research Record*, **1645**, 133–142.
- Vovsha, P., E. Petersen and R. Donnelly (2002) Microsimulation in travel demand modeling: Lessons learned from the New York best practice model, *Transportation Research Record*, **1805**, 68–77.
- Vovsha, P., E. Petersen and R. Donnelly (2003) Explicit modeling of joint travel by household members: Statistical evidence and applied approach, *Transportation Research Record*, **1831**, 1–10.
- Vovsha, P., R. Donnelly and S. Gupta (2008) Network equilibrium with activity-based microsimulation models, *Transportation Research Record*, **2054**, 102–109.
- Vovsha, P. and S. Gupta (2013) A model for work activity schedules with synchronization for multiple-worker households, *Transportation*, **40** (4) 827–845.
- Vragovic, L., E. Louis and A. Diaz-Guilera (2005) Efficiency of informational transfer in regular and complex networks, *Physical Review E*, **71**, 1–9.
- Vrtic, M. (2005) Simultanes Routen- und Verkehrsmittelwahlmodell, *Straßenverkehrstechnik*, **49** (8) 393–401.
- Vrtic, M. and K. W. Axhausen (2003) Experiment mit einem dynamischen Umlegungsverfahren, *Straßenverkehrstechnik*, **47** (3) 121–126.
- Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (forthcoming) The impacts of mobility pricing on route and mode choice behaviour, *Journal of Choice Modelling*.
- Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (2010) The impacts of mobility pricing on route and mode choice behaviour, *Journal of Choice Modelling*, **3** (1) 109–126.
- Vrtic, M., P. Fröhlich, N. Schüssler, K. W. Axhausen, D. Lohse, C. Schiller and H. Teichert (2007) Two-dimensionally constrained disaggregate trip generation, distribution and mode choice model: Theory and application for a Swiss national model, *Transportation Research Part A: Policy and Practice*, **41** (9) 857–873.
- Vucetic, S., T. Fiez and Z. Obradovic (2000) Examination of the influence of data aggregation and sampling density on spatial estimation, *Water Resources Research*, **36** (12) 3721–3730.

- Waddell, P. A. (2002) UrbanSim: Modeling urban development for land use, transportation, and environmental planning, *Journal of the American Planning Association*, **68** (3) 297–314.
- Waddell, P. A., A. Borning, M. Noth, N. Freier, M. Becke and G. Ulfarsson (2003) Microsimulation of urban development and location choices: Design and implementation of urbanSim, *Networks and Spatial Economics*, **3** (1) 43–67.
- Waddell, P. A., L. Wang, B. Charlton and A. Olsen (2010) Microsimulating parcel-level land use and activity-based travel: Development of a prototype application in San Francisco, *Journal of Transport and Land Use*, **3** (2) 65–84.
- Waddell, P. A. (2011) Integrated Land Use and Transportation Planning and Modelling: Addressing Challenges in Research and Practice, *Transportation*, **31** (2) 209–229.
- Wahle, J., A. L. C. Bazzan, F. Klügl and M. Schreckenberg (2002) The impact of real-time information in a two-route scenario using agent-based simulation, *Transportation Research Part C: Emerging Technologies*, **10** (5–6) 399–417.
- Walker, J. L. (2006) Opening up the black box: Enriching behavioral models of spatial and travel choices, *Journal of Transport Geography*, **14** (5) 396–398.
- Walker, J. L. (2002) The mixed logit (or logit kernel) model: Dispelling misconceptions of identification, *Transportation Research Record*, **1805**, 86–98.
- Walker, J. L. and M. E. Ben-Akiva (2002) Generalized random utility model, *Mathematical Social Sciences*, **43** (3) 303–343.
- Walker, J. L., M. E. Ben-Akiva and D. Bolduc (2007) Identification of parameters in normal error component logit-mixture (NECLM) models, *Journal of Applied Econometrics*, **22** (6) 1095–1125.
- Walker, J. L., M. E. Ben-Akiva and D. Bolduc (forthcoming) Identification of parameters in normal error component logit-mixture (NECLM) models, *Journal of Applied Econometrics*.
- Walker, J. L. and J. Li (2007) Latent lifestyle preferences and household location decisions, *Journal of Geographical Systems*, **9** (1) 77–101.
- Walker, J. L. (2005) Making household microsimulation of travel and activities accessible to planners, *Transportation Research Record*, **1931**, 38–48.
- Walker, J. L., E. Ehlers, I. Banerjee and E. R. Dugundji (2011) Correcting for endogeneity in behavioral choice models with social influence variables, *Transportation Research Part A: Policy and Practice*, **45** (4) 362–374.
- Wang, D. and H. J. P. Timmermans (2000) Conjoint-based model of activity engagement, timing, scheduling, and stop pattern formation, *Transportation Research Record*, **1718**, 10–17.

- Wang, J.-Y. (2008) Variance reduction for multivariate Monte Carlo simulation, *The Journal of Derivatives*, **16** (1) 7–28.
- Wang, P., T. Hunter, A. M. Bayen, K. Schlechtner and M. C. González (2012) Understanding Road Usage Patterns in Urban Areas, *Scientific Reports*, **2** (1001) 1–6.
- Wang, Y. and J. P. Duarte (2002) Automatic generation and fabrication of designs, *Automation in Construction*, **11** (3) 291–302.
- Waraich, R. A. (2014) Electric Vehicle Simulation, *Netzwerk Stadt und Landschaft Newsletter*.
- Waraich, R. A. and K. W. Axhausen (2012) Agent-Based Parking Choice Model, *Transportation Research Record*, **2319**, 39–46.
- Waraich, R. A., M. D. Galus, C. Dobler, M. Balmer, G. Andersson and K. W. Axhausen (2013) Plug-in hybrid electric vehicles and smart grids: Investigations based on a microsimulation, *Transportation Research Part C: Emerging Technologies*, **28**, 74–86.
- Wardman, M. (1998) The value of travel time: a review of British evidence, *Journal of Transport Economics and Policy*, 285–316.
- Wardman, M. and A. L. Bristow (2008) Valuations of aircraft noise: experiments in stated preference, *Environmental and Resource Economics*, **39** (4) 459–480.
- Wardman, M., V. P. K. Chintakayala and G. de Jong (2016) Values of travel time in Europe: Review and meta-analysis, *Transportation Research A*, **94**, 93–111.
- Wardrop, J. G. (1952) Some theoretical aspects of road traffic research, *Proceedings of the Institution of Civil Engineers*, **1** (3) 325–362.
- Watkins, C. J. C. H. and P. Dayan (1992) Q-learning, *Machine Learning*, **8** (3–4) 279–292.
- Watling, D. P. (1999) Stability of the stochastic equilibrium assignment problem: A dynamical systems approach, *Transportation Research Part B: Methodological*, **33**, 281–312.
- Watling, D. P. (1996) Asymmetric problems and stochastic process models of traffic assignment, *Transportation Research Part B: Methodological*, **30** (5) 339–357.
- Watson, B., P. Müller, P. Wonka, C. Sexton, O. Veryovka and A. Fuller (2008) Procedural urban modeling in practice, *IEEE Computer Graphics and Applications*, **28** (3) 18–26.
- Watts, D. J. and S. H. Strogatz (1998) Collective dynamics of small world networks, *Nature*, **393** (6684) 440–442.
- Weber, B., P. Müller, P. Wonka and M. Gross (2009) Interactive geometric simulation of 4d cities, *Eurographics*, **28** (2) 1–12.
- Weber, E. U., A.-R. Blais and N. E. Betz (2002) A domain-specific risk-attitude scale: Mea-

asuring risk perceptions and risk behaviors, *Journal of Behavioral Decision Making*, **15** (4) 263–290.

Weilenmann, M., J.-Y. Favez and R. Alvarez (2009) Cold-start emissions of modern passenger cars at different low ambient temperatures and their evolution over vehicle legislation categories, *Atmospheric Environment*, **43** (15) 2419–2429.

Weinstein Agrawal, A., M. Schlossberg and K. Irvin (2008) How Far, by Which Route and Why? A Spatial Analysis of Pedestrian Preference, *Journal of Urban Design*, **13** (1) 81–98.

Wen, C.-H. and F. S. Koppelman (2001) The generalized nested logit model, *Transportation Research Part B: Methodological*, **35** (7) 627–641.

Wen, C.-H. and F. S. Koppelman (2000) A conceptual and methodological framework for the generation of activity-travel patterns, *Transportation (Netherlands)*, **27** (1) 5–23.

Weis, C. and K. W. Axhausen (forthcoming) Induced travel demand: Evidence from a pseudo panel data based structural equations model, *Research in Transport Economics*.

Weis, C. and K. W. Axhausen (2009) Induced travel demand: Evidence from a pseudo panel data based structural equations model, *Research in Transport Economics*, **25**, 8–18.

Weis, C. and K. W. Axhausen (2012) Assessing changes in travel behaviour induced by modified travel times: A stated adaptation survey and modelling approach, *disP – The Planning Review*, **48**, 40–53.

Weis, C., K. W. Axhausen, R. Schlich and R. Zbinden (2010) Models of mode choice and mobility tool ownership beyond 2008 fuel prices, *Transportation Research Record*, **2157**, 86–94.

Weisbrod, G., M. E. Ben-Akiva and S. R. Lerman (1980) Tradeoffs in residential location decisions: transportation versus other factors, *Transport Policy and Decision Making*, **1** (1).

Weisbrod, G., R. J. Parcells and C. Kern (1984) A disaggregate model for predicting shopping area market attraction, *Journal of Retailing*, **60** (1) 65–83.

Weisbrod, G., M. E. Ben-Akiva and S. R. Lerman (1978) Tradeoffs in residential location decisions: Transportation versus other factors, *Transport Policy and Decision Making*, **1** (1) 13–26.

Weiss, A., M. Mahmoud, P. Kucirek and K. M. N. Habib (2014) Merging transit schedule information with a planning network to perform dynamic multimodal assignment: Lessons from a case study of the Greater Toronto and Hamilton area, *Canadian Journal of Civil Engineering*, **41** (10) 900–908.

White, C. E., D. Bernstein and A. L. Kornhauser (2000) Some map matching algorithms for personal navigation assistants, *Transportation Research Part C: Emerging Technologies*, **8** (1–6) 91–108.

- Whitehead, J. C., B. Edwards, M. van Willigen, J. R. Maiolo, K. Wilson and K. T. Smith (2000) Heading for higher ground: Factors affecting real and hypothetical hurricane evacuation behavior, *Global Environmental Change Part B: Environmental Hazards*, **2** (4) 133–142.
- White, R., I. Uljee and G. Engelen (2012) Integrated modelling of population, employment and land-use change with a multiple activity-based variable grid cellular automaton, *International Journal of Geographical Information Science*, **26** (7) 1251–1280.
- Wilhelmsson, M. (2002) Spatial models in real estate economics, *Housing, Theory and Society*, **19** (2) 92–101.
- Willebeek-LeMair, M. H. and A. P. Reeves (1993) Strategies for dynamic load balancing on highly parallel computers, *IEEE Transactions on Parallel and Distributed Systems*, **4** (9) 979–993.
- Williams, H. C. W. L. (1977) On the formulation of travel demand models and economic evaluation measures of user benefit, *Environment and Planning A*, **9** (3) 285–344.
- Williamson, P., M. Birkin and P. H. Rees (1998) The estimation of population microdata by using data from small area statistics and samples of anonymised records, *Environment and Planning A*, **30** (5) 785–816.
- Wilson, A. G. and C. E. Pownall (1976) A new representation of the urban system for modelling and for the study of micro-level interdependence, *Area*, **8** (4) 246–254.
- Wilson, C. (1998) Activity pattern analysis by means of sequence-alignment methods, *Environment and Planning A*, **30** (6) 1017–1038.
- Wilson, H. G. (2007) Least squares versus minimum absolute deviations estimation in linear models, *Decision Sciences*, **9** (2) 322–335.
- Wilson, C. (2008) Activity patterns in space and time: Calculating representative Hagerstrand trajectories, *Transportation*, **35** (4) 485–499.
- Wilson, C. (1998) Analysis of travel behavior using sequence alignment methods, *Transportation Research Record*, **1645**, 52–59.
- Wilson, D. B. and J. G. Propp (1998) How to get a perfectly random sample from a generic Markov chain and generate a random spanning tree of a directed graph, *Journal of Algorithms*, **27** (2) 170–217.
- Wolf, D. A. (2001) The role of microsimulation in longitudinal data analysis, *Canadian Studies in Population*, **28** (2) 313–339.
- Wolf, J., S. Hallmark, M. Oliveira, R. Guensler and W. Sarasua (1999) Accuracy issues with route choice data collection by using Global Positioning System, *Transportation Research Record*, **1660**, 66–74.



- Wolf, J., R. Guensler and W. Bachman (2001) Elimination of the travel diary - experiment to derive trip purpose from Global Positioning System travel data, *Transportation Research Record*, **1768**, 125–134.
- Wolf, J., M. Oliveira and M. Thompson (2003) Impact of underreporting on mileage and travel time estimates - results from Global Positioning System-enhanced household travel survey, *Transportation Research Record*, **1854**, 189–198.
- Wolf, J., S. Schönfelder, U. Samaga, M. Oliveira and K. W. Axhausen (2004) Eighty weeks of Global Positioning System traces, *Transportation Research Record*, **1870**, 46–54.
- Wolf, D. A. (2001) Note on statistical analysis and microsimulation for studying living arrangements and intergenerational transfers, *United Nations Population Bulletin*, **Special Issue Nos. 42/43**, 386–392.
- Wood, K. R. (1993) Deterministic network interdiction, *Mathematical and Computer Modeling*, **17** (2) 1–18.
- Wootton, H. W. and G. W. Pick (1967) A model for trips generated by households, *Journal of Transport Economics and Policy*, **1** (2) 137–153.
- Wooldridge, M. and N. R. Jennings (1995) Intelligent agents: Theory and practice, *Knowledge Engineering Review*, **10** (2) 115–152.
- Wright, F. L. (1935) Broadacre city: A new community plan, *Architectural Record*, 243–254.
- Wright, C. C. and H. C. Orram (1976) The Westminster route choice survey: A new technique for traffic studies, *Traffic Engineering and Control*, **17** (8/9) 348–351, 354.
- Wu, J., C. Jiang, D. Houston, D. Baker and R. Delfino (2011) Automated time activity classification based on global positioning system (GPS) tracking data, *Environmental Health*, **10**, 101.
- Wu, X., D. Levinson and H. Liu (2009) Perception of waiting time at signalized intersections, *Transportation Research Record*, **2135**, 52–59.
- Xenides, D., D. S. Vlachos and T. E. Simos (2008) Synchronization in complex systems following a decision based queuing process: Rhythmic applause as a test case, *Journal of Statistical Mechanics: Theory and Experiment*, **P07017** (07) 1–10.
- Xia, H., K. Nagaraj, K. Nagaraj, J. Chen and M. V. Marathe (2015) Synthesis of a high resolution social contact network for delhi with application to pandemic planning, *Artificial Intelligence in Medicine*, **65** (2) 113–130.
- Xie, F. and D. Levinson (2007) Measuring the structure of road networks, *Geographical Analysis*, **39** (3) 336–356.
- Xie, F. and D. Levinson (2009) Topological evolution of surface transportation networks, *Com-*

*puters, Environment and Urban Systems*, **33** (3) 211–223.

Xie, F. and D. Levinson (2009) Modeling the growth of transport networks: A comprehensive review, *Networks and Spatial Economics*, **9** (3) 291–307.

Yai, T., S. Iwakura and S. Morichi (1997) Multinomial probit with structured covariance for route choice behaviour, *Transportation Research Part B: Methodological*, **31** (3) 195–208.

Yalamanchili, L., R. M. Pendyala, N. Prabakaran and P. Chakravarty (1999) Analysis of Global Positioning System-based data collection methods for capturing multistop trip-chaining behavior, *Transportation Research Record*, **1660**, 58–65.

Yamamoto, T., R. Kitamura and R. M. Pendyala (2004) Comparative analysis of time-space prism vertices for out-of-home activity engagement on working and non-working days, *Environment and Planning B*, **31**, 235–250.

Yamagata, Y. and H. Seya (2013) Simulating a future smart city: An integrated land use-energy model, *Applied Energy*, **112**, 1466–1474.

Yamagata, Y., H. Seya and K. Nakamichi (2013) Creation of future urban environmental scenarios using a geographically explicit land-use model: a case study of Tokyo, *Annals of GIS*, **19** (3) 153–168.

Yamagata, Y., H. Seya and S. Kuroda (2014) Energy resilient smart community: Sharing green electricity using V2C technology, *Energy Procedia*, **61**, 84–87.

Yamagata, Y. and H. Seya (2015) Proposal for a local electricity-sharing system: A case study of Yokohama city, Japan, *Intelligent Transport Systems, IET*, **9** (1) 38–49.

Yamins, D., S. Rasmussen and D. B. Fogel (2003) Growing urban roads, *Networks and Spatial Economics*, **3** (1) 69–85.

Yang, H. and M. G. H. Bell (1998) Models and algorithms for road network design: A review and some new developments, *Transport Reviews*, **18** (3) 257–278.

Yang, Z., B. Yu and C. Cheng (2007) A parallel ant colony algorithm for bus network optimization, *Computer-Aided Civil and Infrastructure Engineering*, **22** (1) 44–55.

Yang, H. and H.-J. Huang (1998) Principle of marginal-cost pricing: how does it work in a general road network?, *Transport Reviews*, **32** (1) 45–54.

Yang, H. and S. Yagar (1995) Traffic assignment and signal control in saturated road networks, *Transportation Research Part A: Policy and Practice*, **29** (2) 125–139.

Ye, X., R. M. Pendyala and G. Gottardi (2007) An exploration of the relationship between mode choice and complexity of trip chaining patterns, *Transportation Research Part B: Methodological*, **41** (1) 96–113.

- Yerra, B. M. and D. Levinson (2005) The emergence of hierarchy in transportation networks, *Annals of Regional Science*, **39** (3) 541–553.
- Peeta, S. and J. W. Yu (2005) A hybrid model for driver route choice incorporating en-route attributes and real-time information effects, *Networks and Spatial Economics*, **5** (1) 21–40.
- Young, W. (1986) PARKSIM/1: a simulation model of driver behaviour in parking lots, *Traffic Engineering and Control*, **27** (12) 606–613.
- Young, W. and R. G. Thompson (1987) PARKSIM/1: a computer graphics approach for parking lot layouts, *Traffic Engineering and Control*, **28** (3) 120–123.
- Young, W., R. G. Thompson and M. A. P. Taylor (1991) A review of urban car parking models, *Transport Reviews*, **11** (1) 63–84.
- Yuan, F., L. D. Han, S.-M. Chin and H. Hwang (2006) Proposed framework for simultaneous optimization of evacuation traffic destination and route assignment, *Transportation Research Record*, **1964**, 50–58.
- Yuan, F. and L. D. Han (2009) Improving evacuation planning with sensible measure of effectiveness choices, *Transportation Research Record*, **2137**, 54–62.
- Yusuf, A. A. and B. P. Resosudarmo (2009) Does clean air matter in developing countries' megacities? a hedonic price analysis of the Jakarta housing market, Indonesia, *Ecological Economics*, 1398–1407.
- Zabalza, A. (1983) The CES utility function, non-linear budget constraints and labour supply. results on female participation and hours, *Economic Journal*, **93** (370) 312–330.
- Zadeh, L. A. (1965) Fuzzy sets, *Information and Control*, **8** (3) 338–353.
- Zajicek, J. (2001) Online-Simulation: Eine Chance für den innerstädtischen Verkehr, *It's T.I.M.E. Technology. Innovation. Management. Engineering. - Ein fachübergreifendes Journal für die angewandte Wissenschaft*, **1**, 33–36.
- Zanlungo, F., T. Ikeda and T. Kanda (2011) Social force model with explicit collision prediction, *EPL (Europhysics Letters)*, **93** (6).
- Zeigler, D. J., S. D. Brunn and J. H. Johnson (1981) Evacuation from a nuclear technological disaster, *The Geographical Review*, **71** (1) 1–16.
- Zeigler, D. J. and J. H. Johnson (1984) Evacuation behavior in response to nuclear power plant accidents, *The Professional Geographer*, **36** (2) 207–215.
- Zeng, W., C.-W. Fu, S. Müller Arisona, A. L. Erath and H. Qu (2015) Visualizing Waypoints-Constrained Origin-Destination Patterns for Massive Transportation Data, *COMPUTER GRAPHICS forum*.

- Zeng, W., C.-W. Fu, S. Müller Arisona, A. L. Erath and H. Qu (2014) Visualizing mobility of public transportation system, *IEEE Transactions on Visualization and Computer Graphics*, **20** (12) 1833–1842.
- Zhang, L.-C. (2000) Post-stratification and calibration – a synthesis, *The American Statistician*, **54** (3) 178–184.
- Zhang, L., D. Levinson and S. Zhu (2008) Agent-based model of price competition, capacity choice, and product differentiation on congested networks, *Transportation Research Part B: Methodological*, **42** (3) 435–461.
- Zhang, W., S. Guhathakurta, J. Fang and G. Zhang (2015) Exploring the impact of shared autonomous vehicles on urban parking demand: An agent-based simulation approach, *Sustainable Cities and Society*, **19**, 34–45.
- Zhang, J. and A. Fujiwara (2006) Representing household time allocation behavior by endogenously incorporating diverse intra-household interactions: A case study in the context of elderly couples, *Transportation Research Part B: Methodological*, **40** (1) 54–74.
- Zhang, J., H. J. P. Timmermans and A. W. J. Borgers (2005) A model of household task allocation and time use, *Transportation Research Part B: Methodological*, **39** (1) 81–95.
- Zhang, J. and A. Nagurney (2001) On the equivalence between stationary link flow patterns and traffic network equilibria, *Transportation Research Part B: Methodological*, **35** (8) 731–748.
- Zhang, J., H. J. P. Timmermans and A. W. J. Borgers (2007) Utility-maximizing model of household time use for independent, shared, and allocated activities incorporating group decision mechanisms, *Transportation Research Record*, **1807**, 1–8.
- Zhang, K. (2008) Probit-based time-dependent stochastic user equilibrium traffic assignment model, *Transportation Research Record*, **2085**, 86–94.
- Zhang, L., W. Yang, J. Wang and Q. Rao (2014) Large-scale agent-based transport simulation in Shanghai, China, *Transportation Research Record*, **2399**, 34–43.
- Zhang, J., B. Yu and M. Chikaraishi (2014) Interdependences between household residential and car ownership behavior: a life history analysis, *Journal of Transport Geography*, **34**, 165–174.
- Zhang, D., T. He, Y. Liu, S. Lin and J. A. Stankovic (2014) A carpooling recommendation system for taxicab services, *IEEE Transactions on Emerging Topics in Computing*, **2** (3) 254–266.
- Zhang, K. (2004) Attack vulnerability of scale-free networks due to cascading breakdown, *Physical Review E*, **70**, 035101.
- Zhao, F. and X. Zeng (2008) Optimization of transit route network, vehicle headways and

timetables for large-scale transit networks, *European Journal of Operational Research*, **186** (2) 841–855.

Zheng, Y., R. A. Waraich, N. Geroliminis and K. W. Axhausen (2012) A dynamic cordon pricing scheme combining a macroscopic and an agent-based traffic model, *Transportation Research A*, **46** (8) 1291–1303.

Zhu, T., V. Singh and A. Dukes (2011) Local competition, entry, and agglomeration, *Quantitative Marketing and Economics*, **9** (2) 129–154.

Ziegelmeyer, A., F. Koessler, K. Boun My and L. Denant-Boèmont (2008) Road traffic congestion and public information: An experimental investigation, *Journal of Transport Economics and Policy*, **42** (1) 43–82.

Ziemke, D., K. Nagel and C. R. Bhat (2015) Integrating CEMDAP and MATSim to increase the transferability of transport demand models, *Transportation Research Record*, **2493**, 117–125.

Ziliaskopoulos, A. K. and S. T. Waller (2000) An Internet-based geographic information system that integrates data, models and users for transportation applications, *Transportation Research Part C: Emerging Technologies*, **8** (1) 427–444.

Zöllig, C. and K. W. Axhausen (2011) Integrierte Flächennutzungs- und Transportmodelle verbessern die Beurteilung von Verkehrsinfrastrukturprojekten, *Forum Raumentwicklung*, **11** (3) 17–19.

Zolfaghari, A., A. Sivakumar and J. W. Polak (2012) Choice Set Pruning in Residential Location Choice Modelling: A Comparison of Sampling and Choice Set Generation Approaches in Greater London, *Transportation Planning and Technology*, **35** (1) 87–106.

Zondag, B. and M. Pieters (2005) Influence of accessibility on residential location choice, *Transportation Research Record*, **1902**, 63–70.

Zucker, B. and K. W. Axhausen (2012) Mathe-Magie und Windstille im Management, *NZZ - Neue Zürcher Zeitung*.

Zuckerman, M., E. A. Kolin, L. Price and I. Zoob (1964) Development of a sensation-seeking scale, *Journal of Consulting Psychology*, **28** (6) 77–82.

MANUAL-AUTHOR (0000) *TITLE*, organization, address, edition edn., month 0000, url.

MANUAL-AUTHOR (0001) *A Manual with All Information*, Senatsverwaltung für Stadtentwicklung Berlin, Berlin, 3. edn., October 0001, <http://www.a-url.com/path/to/the/manual>.

MANUAL-AUTHOR (0002) *Minimal Version of a Manual*.

MANUAL-AUTHOR (0003) *A typical Manual*, Swiss Federal Statistical Office

(BFS), Neuchatel, [http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/servicestelle\\_geostat/datenbeschreibung/eidgenoessische\\_betriebszaehlung2.html](http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/servicestelle_geostat/datenbeschreibung/eidgenoessische_betriebszaehlung2.html).

AASHTO (1999) *Guide for the Development of Bicycle Facilities*, American Association of State Highway and Transportation Officials, Washington, D.C.

AASHTO (2004) *A Policy on Geometric Design of Highways and Streets*, American Association of State Highway and Transportation Officials, Washington, D.C.

Barton-Aschman Associates, Inc. and Cambridge Systematics, Inc. (1997) *Model Validation and Reasonableness Checking Manual*, Travel model improvement program (TMIP), Federal Highway Administration, Arlington, Texas, February 1997, <http://tmip.fhwa.dot.gov/resources/clearinghouse/docs/mvrcm/>.

Beowulf.org (2006) *Beowulf: Frequently Asked Questions*, Beowulf.org, <http://www.beowulf.org/overview/faq.html>.

Swiss Federal Statistical Office (BFS) (2006) *Ergebnisse des Mikrozensus 2005 zum Verkehrsverhalten*, Swiss Federal Statistical Office (BFS), Neuchatel.

Swiss Federal Statistical Office (BFS) (2012) *Mobilität in der Schweiz - Ergebnisse des Mikrozensus Mobilität und Verkehr 2010*, Swiss Federal Statistical Office (BFS), Neuchatel.

Swiss Federal Statistical Office (BFS) (2007) *Einkommens- und Verbrauchserhebung 2004 (EVE 2004)*, Swiss Federal Statistical Office (BFS), Neuchatel, <http://www.bfs.admin.ch/bfs/portal/de/index/infothek/publ.Document.89847.pdf>.

Badan Pusat Statistik (2005) *Kecamatan Dalam Angka - Subdistricts in Numbers*, Badan Pusat Statistik, Padang.

Bierlaire, M. (2013) *An introduction to BIOGEME (Version 2.2)*, <http://biogeme.epfl.ch/>.

Bierlaire, M. (2009) *An introduction to BIOGEME (Version 1.8)*, <http://transp-or2.epfl.ch/biogeme/doc/tutorialv18.pdf>.

Bierlaire, M. (2008) *An introduction to BIOGEME (Version 1.7)*, <http://transp-or2.epfl.ch/biogeme/doc/tutorial.pdf>.

Bierlaire, M. (2005) *An introduction to BIOGEME (Version 1.3)*, <http://biogeme.epfl.ch/doc/tutorialv13.pdf>.

Cambridge Systematics, Inc. (2008) *Travel Model Validation Practices Peer Exchange White Paper*, Travel model improvement program (TMIP), Federal Highway Administration, Arlington, Texas, December 2008.

PTV (2005) *COM-Dokumentation für VISUM 9.3*, PTV, Karlsruhe.

CNU (2012) *Sustainable Street network Principles*, Congress for the New Urbanism, Chicago, January 2012.

Dowling, R., J. H. Holland and A. Huang (2002) *California Department of Transportation: Guidelines for Applying Traffic Microsimulation Modeling Software*, Downling Associates, Inc., September 2002.

ESRI (1998) *ESRI Shapefile Technical Description*, Environmental Systems Research Institute (ESRI) Inc., <http://www.esri.com/library/whitepapers/pdfs/shapefile.pdf>.

Forschungsgesellschaft für Straßen- und Verkehrswesen (2008) *Richtlinien für Integrierte Netzgestaltung (RIN)*, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

Homes and Communities Agency (2010) *Employment densities guide*, Homes and Communities Agency, London, 2. edn., <http://www.homesandcommunities.co.uk/download-doc/6155/10397>.

FGSV (2009) *Handbuch für die Bemessung von Strassenverkehrsanlagen: HBS*, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

Homburger, W. S. and J. H. Kell (1981) *Fundamentals of Traffic Engineering, 10th Edition*, University of California, Berkeley, Berkeley.

IHT (1997) *Transport in the Urban Environment*, Institution of Highways and Transportation, London, June 1997.

ITE (2008) *Urban Street Geometry Design Handbook*, Institute of Transportation Engineers, Washington, D.C.

Institute of Transportation Engineers (2009) *Traffic Engineering Handbook, 6th Edition*, Institute of Transportation Engineers, Washington, D.C.

Meffert, K. et al. (2007) JGAP - Java Genetic Algorithms and Genetic Programming Package, <http://jgap.sf.net>.

Axmark, D., A. Larsson and M. Widenius (2006) *MySQL 3.23, 4.0, 4.1 Reference Manual*, MySQL AB, December 2006, <http://dev.mysql.com/doc/refman/4.1/en/index.html>.

Johnson, B. (1996) *Perl Tutorial*, University of Illinois, Urbana-Champaign, <http://www.ncsa.uiuc.edu/General/Training/PerlIntro/>.

MATSim Development Core Team (2014) *MATSim User Guide*, Technical University Berlin and ETH Zurich and senozon, Zurich and Berlin, <http://ci.matsim.org:8080/view/All/job/UserGuide/ws/trunk/docs/user-guide/user-guide.pdf>.

MATSim Development Core Team (2015) *MATSim User Guide*, Technical University Berlin and ETH Zurich and senozon, Zurich and Berlin, <http://ci.matsim.org:8080/view/All/job/UserGuide/ws/trunk/docs/user-guide/user-guide.pdf>.

R Development Core Team (2007) *R: A Language and Environment for Statistical Computing*, R Foundation for Statistical Computing, Vienna, <http://www.r-project.org>.

R Development Core Team (2009) *R: A Language and Environment for Statistical Computing*, R Foundation for Statistical Computing, Vienna, <http://www.r-project.org>.

R Development Core Team (2017) *R: A Language and Environment for Statistical Computing*, R Foundation for Statistical Computing, Vienna, <http://www.r-project.org>.

RBS (2001) *Regionales Bezugssystem (RBS)*, Senatsverwaltung für Stadtentwicklung Berlin, Berlin, <http://www.statistik-berlin.de/statistiken/rbs/start1.htm>.

Steenbergen, M. R. (2003) *Maximum Likelihood Programming in Stata*, Department of Political Science, University of North Carolina, Chapel Hill, [www.unc.edu/~monogan/computing/r/MLE\\_in\\_Stata.pdf](http://www.unc.edu/~monogan/computing/r/MLE_in_Stata.pdf).

Swiss Federal Statistical Office (BFS) (2001) *Eidgenössische Betriebszählung 2001 - Sektoren 2 und 3, GEOSTAT Datenbeschreibung*, Swiss Federal Statistical Office (BFS), GEOSTAT, Neuchatel, <http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/betriebszaehlung05.Document.111424.pdf>.

Swiss Federal Statistical Office (BFS) (2008) *Eidgenössische Betriebszählung 2008 - Sektoren 2 und 3, GEOSTAT Datenbeschreibung*, Swiss Federal Statistical Office (BFS), GEOSTAT, Neuchatel.

Swiss Federal Statistical Office (BFS) (2001) *Eidgenössische Betriebszählung 2001 - Sektoren 2 und 3, Liste der Merkmale*, Swiss Federal Statistical Office (BFS), GEOSTAT, Neuchatel, <http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/betriebszaehlung05.Document.111423.pdf>.

Swisstopo (2006) *Swiss map projections*, <http://www.swisstopo.ch/en/basics/geo/system/projectionCH>.

U.S. Bureau of Public Roads (1964) *Traffic Assignment Manual*, U.S. Department of Commerce, Washington, D.C.

Federal Highway Administration (1995) *TRAF User Reference Guide*.

Transportation Research Board (2010) *Highway Capacity Manual*, Transportation Research Board, Washington, D.C., December 2010.



PTV (2011) *VISUM 12 - New features at a glance*, PTV, Karlsruhe.

PTV (2010) *Visum 11.0 User Manual*, PTV, Karlsruhe.

PTV (2007) *Benutzerhandbuch VISUM 10.0*, PTV, Karlsruhe.

PTV (2006) *Benutzerhandbuch VISUM 9.4*, PTV, Karlsruhe.

Schweizerischer Bundesrat (2003) *Verordnung über die Sicherheit der Stauanlagen*, [www.admin.ch/ch/d/sr/7/721.102.de.pdf](http://www.admin.ch/ch/d/sr/7/721.102.de.pdf).

Zivilschutz der Stadt Zürich (2012) *Wasseralarm Sihlsee - Auslösung durch allgemeinen Alarm*, [http://www.stadt-zuerich.ch/content/dam/stzh/pd/Deutsch/Schutz%20und%20Rettung/Zivilschutz/Publikationen%20und%20Broschueren/3.4.8\\_Wasseralarm.pdf](http://www.stadt-zuerich.ch/content/dam/stzh/pd/Deutsch/Schutz%20und%20Rettung/Zivilschutz/Publikationen%20und%20Broschueren/3.4.8_Wasseralarm.pdf).

Wüest & Partner AG (2008) *Immo Monitoring 2009*, Wüest & Partner AG, Zurich.

W3C (2006) *eXtensible Markup Language (XML)*, World Wide Web Consortium (W3C), <http://www.w3.org/XML>.

Flynn, P. (2006) *The XML FAQ: Frequently-Asked Questions about the Extensible Markup Language*, Cork, <http://xml.silmaril.ie/>.

Swiss Federal Nuclear Safety Inspectorate ENSI (2008) *Zonenpläne für die Notfallplanung*, Swiss Federal Nuclear Safety Inspectorate ENSI, Brugg, [http://www.ensi.ch/fileadmin/deutsch/files/Zonenplaene\\_vollversion\\_D.pdf](http://www.ensi.ch/fileadmin/deutsch/files/Zonenplaene_vollversion_D.pdf).

MASTERSTHESIS-AUTHOR (0000) TITLE, Master Thesis, SCHOOL, address.

MASTERSTHESIS-AUTHOR (0001) A master thesis with all information, Master Thesis, IVT, ETH Zurich, Zurich.

MASTERSTHESIS-AUTHOR (0002) The minimal version of a master thesis, Master Thesis, IVT, ETH Zurich.

MASTERSTHESIS-AUTHOR (forthcoming) A master thesis which is in press, Master Thesis, IVT, ETH Zurich.

Balac, M. (2012) Feasibility study of on-focal plane image compressive sampling, Master Thesis, EPF Lausanne, Lausanne.

Balmer, M. (2003) Finding the sink in a unique sink oriented 5-cube, Master Thesis, Institute of Theoretical Computer Science, ETH Zurich, Zurich.

Belart, B. C. (2011) Wohnstandortwahl im Grossraum Zürich, Master Thesis, IVT, ETH Zurich, Zurich.

Bodenbender, A.-K. (2013) A CGE - Model of Parking in Zurich: Implementation and Policy

Tests, Master Thesis, IVT, ETH Zurich, Zurich.

Brawand, S. (2013) Optimale Platzierung von Ladestationen für Elektrische Fahrzeuge, Master Thesis, IVT, ETH Zurich, Zurich.

Caduff, L. (2013) Spatial hedonic regression modelling of commercial and office space prices in Singapore, Master Thesis, IVT, ETH Zurich.

Carrasco, N. (2008) Deciding where to shop: Disaggregate random utility destination choice modeling of grocery shopping in canton Zurich, Master Thesis, IVT, ETH Zurich, Zurich.

Casati, D. (2014) Hierarchical population generation in transportation modelling, Master Thesis, IVT, ETH Zurich, Zurich.

Chakirov, A. (2010) Control and Optimization of Wave-Induced Motion of Ramp-Interconnected Craft for Cargo Transfer, Master Thesis, Cymer Center for Control Systems and Dynamics, University of California San Diego, San Diego.

Dean, B. C. (1999) Continuous-time dynamic shortest path algorithms, Master Thesis, Massachusetts Institute of Technology, Cambridge.

Dubernet, T. (2011) Introducing joint trips in a multi-agent transport simulation: From agents to clique replanning, Master Thesis, Université de Technologie de Compiègne and IVT, ETH Zurich, Compiègne and Zurich.

Eberhard, L. K. (2002) A 24-h household-level activity based travel demand model for the GTA, Master Thesis, University of Toronto, Toronto.

Ehreke, I. (2008) Analyse der Zielwahl im motorisierten Individualverkehr - eine Betrachtung der Auftretungshäufigkeiten routinisierter Fahrten, Master Thesis, Freie Universität Berlin, Berlin.

Erath, A. L. (2005) Zeitkosten im Einkaufsverkehr, Master Thesis, IVT, ETH Zurich, Zurich.

Flettermann, M. (2008) Designing Multimodal Public Transport Networks Using Metaheuristics, Master Thesis, Faculty of Engineering, Built Technology and Information Technology, University of Pretoria, Pretoria.

Frei, A. (2005) Was hätte man 1960 für einen Sharan bezahlt?, Master Thesis, IVT, ETH Zurich, Zurich.

Fourie, P. J. (2009) An initial implementation of a multi-agent transport simulator for South Africa, Master Thesis, Faculty of Engineering, Built Technology and Information Technology, University of Pretoria, Pretoria.

Frejinger, E. (2004) Route choice analysis using GPS data, Master Thesis, EPF Lausanne, Lausanne.

- Fuhrer, R. (2012) A Hedonic Rental Price Model for the Canton Zurich, Master Thesis, IVT, ETH Zurich, Zurich.
- Graf, P. (2003) Simuliertes Lernen menschlicher Tagespläne mittels Methoden der künstlichen Intelligenz, Master Thesis, ICoS, ETH Zurich, Zurich.
- Gaetzi, M. (2004) Raumstruktur und Erreichbarkeit, Master Thesis, IVT, ETH Zurich, Zurich.
- Grossenbacher, T. (2014) Studying Human Mobility Through Geotagged Social Media Content, Master Thesis, Department of Geography, University of Zurich, Zurich.
- Hao, J. Y. (2010) TASHA-MATSim integration and its application in emission modelling, Master Thesis, University of Toronto, Toronto.
- Hoffer, B. (2015) The Potential of Online Respondent Data for Choice Modeling in Transportation Research: Evidence from Stated Preference Experiments using Web-based Samples, Master Thesis, IVT, ETH Zurich, Zurich.
- Hörl, S. (2016) Implementation of an autonomous taxi service in a multi-modal traffic simulation using MATSim, Master Thesis, Chalmers University, Gothenburg.
- Jäggle, B. (2006) Was ist den Schweizern ein veränderter Verkehrswert wert?, Master Thesis, IVT, ETH Zurich, Zurich.
- Kickhöfer, B. (2009) Die Methodik der ökonomischen Bewertung von Verkehrsmaßnahmen in Multiagentensimulationen, Master Thesis, Technical University Berlin, Berlin.
- Kistler, D. (2004) Mental maps for mobility simulations of agents, Master Thesis, ICoS, ETH Zurich, Zurich.
- Klöpper, V. and A. Weber (2007) Generationsübergreifende Mobilitätsbiographien, Master Thesis, Faculty of Spatial Planning, Technische Universität Dortmund, Dortmund.
- Kucirek, P. (2012) Comparison between matsim & emme: Developing a dynamic, activity-based micro-simulation transit assignment model for toronto, Master Thesis, University of Toronto, Toronto.
- Lehner, M. (2011) Modelling housing prices in Singapore applying spatial hedonic regression, Master Thesis, IVT, ETH Zurich.
- Lu, M. (2002) Mode Choice Methodology in TRANSIMS, Master Thesis, Virginia Polytechnic Institute and State University.
- Meister, K. (2004) Erzeugung kompletter Aktivitätenpläne für Haushalte mit genetischen Algorithmen, Master Thesis, IVT, ETH Zurich.
- Menghini, G. (2008) Routenwahl von Fahrradfahrern: Diskrete Entscheidungsmodellierung mittels GPS-Daten, Master Thesis, IVT, ETH Zurich, Zurich.

- Mezdani, Y. (2011) Optimal tolls based on an agent-based model of travel demand, Master Thesis, TRANSP-OR, EPF Lausanne, Lausanne.
- Modrzejewski, J. (2013) Workplace location choice: a cross-disciplinary literature review, Master Thesis, IVT, ETH Zurich, Zurich.
- Müller, K. (2006) Design and Implementation of an Efficient Hierarchical Speed-up Technique for Computation of Exact Shortest Paths in Graphs, Master Thesis, Institute of Theoretical Informatics, University of Karlsruhe, Karlsruhe.
- Neumann, A. (2008) Modellierung und Evaluation von Lichtsignalanlagen in Queue-Simulationen, Master Thesis, Technical University Berlin, Berlin.
- Ortigosa, J. (2006) Design criteria for planning and developing freight villages, Master Thesis, technical university of catalonia, Barcelona, Barcelona.
- Pfeifhofer, Y. (2014) Parameterwahl für die Populationssynthese mittels Regressionsbäumen, BSc thesis, IVT, ETH Zurich, Zurich.
- Pritchard, D. R. (2008) Synthesizing agents and relationships for land use / transportation modelling, Master Thesis, University of Toronto, Toronto.
- Rau, U. (2014) Verkehrsverhalten und soziale netwerke, Master Thesis, IVT, ETH Zurich, Zurich.
- Schieffer, S. V. (2011) Decentralized charging decisions for the smart grid, Master Thesis, IVT, ETH Zurich, Zurich.
- Schil, M. R. (2012) Measuring journey time reliability in london using automated data collection systems, Master Thesis, Massachusetts Institute of Technology, Boston.
- Schüssler, N. (2004) Optimierung der Kapazitätsauslastung im Eisenbahnwesen, Master Thesis, Institut für Wirtschaftspolitik und Wirtschaftsforschung, University of Karlsruhe, Karlsruhe.
- Simoni, M. D. (2013) Congestion pricing schemes controlled by the gmfd: a comprehensive design and appraisal to bridge the engineering and economic perspective, Master Thesis, Institute for Transport Planning, Technical University Delft, Delft.
- Stahel, A. (2012) Agent interactions in the activity infrastructure of transport microsimulations, Master Thesis, IVT, ETH Zurich, Zurich.
- van Eggermond, M. A. B. (2007) Consumer choice behavior and strategies of air transportation service providers, Master Thesis, IVT, ETH Zurich and Institute for Transport Planning, Technical University Delft, Zurich and Delft.
- Vitins, B. J. (2006) Optimierung der Verkehrsinfrastruktur der Region Bern mit der Ant Colony Heuristic, Master Thesis, IVT, ETH Zurich, Zurich.

Weis, C. (2006) Routenwahl im ÖV, Master Thesis, IVT, ETH Zurich, Zurich.

Zöllig, C. (2007) Auswirkungen öffentlicher Bautätigkeiten auf den Veränderungsentscheid privater Gebäudeeigentümer, Master Thesis, ETH Zurich, Zurich.

MISC-AUTHOR (0000) TITLE, howpublished, month 0000, url.

MISC-AUTHOR (0001) A “misc” reference with all information, webpage, December 0001, <http://www.a-url.ch/>.

MISC-AUTHOR (0002) Minimum version of a “misc” reference.

MISC-AUTHOR (0003) A typical “misc” reference, webpage, <http://www.a-url.ch/>.

The Automobile Association (2000) Motoring costs 2000, webpage, <http://www.theaa.com/staticdocs/pdf/allaboutcars/fuel/petrol2000.pdf>.

ADAC (2012) ADAC Autokosten 2012, webpage, <https://www.adac.de/infotestrat/autodatenbank/autokosten/default.aspx>.

AIMSUN (2006) AIMSUN, webpage, November 2006, <http://www.aimsun.com>.

AIMSUN (2013) AIMSUN, webpage, <http://www.aimsun.com>.

Amt für Verkehr, Volkswirtschaftsdirektion Kanton Zürich (2011) Gesamtverkehrsmodell, webpage, March 2011, <http://www.afv.zh.ch/internet/volkswirtschaftsdirektion/afv/de/home.html>.

Amt für Verkehr, Volkswirtschaftsdirektion Kanton Zürich (2012) Gesamtverkehrsmodell, webpage, May 2012, <http://www.afv.zh.ch/internet/volkswirtschaftsdirektion/afv/de/home.html>.

Amt für Verkehr, Volkswirtschaftsdirektion Kanton Zürich (2013) Gesamtverkehrsmodell, webpage, July 2013, <http://www.afv.zh.ch/internet/volkswirtschaftsdirektion/afv/en/home.html>.

Apache Commons (2013) Commons Math 3.2, webpage, <http://commons.apache.org/proper/commons-math/>. Accessed 2013/11/22.

ApplauSim (2012) Simulation of Synchronized Applause, webpage, <http://sourceforge.net/projects/applausim/>.

ESRI (2011) ArcGIS Desktop: Release 9.3, software, <http://www.esri.com/software/arcgis/arcinfo/index.html>.

ARC (2009) Activity-based travel model specifications: Coordinated travel - regional activity-based modeling platform (CT-RAMP) for the Atlanta region, webpage, March 2009, <http://www.atlantaregional.com/File%20Library/Transportation/>

Travel%20Demand%20Model/tp\_abmodelspecifications\_102309.pdf.

ARE (2016) Le Suivi des Indicateurs Mobiles - les chiffres au 31 décembre 2007 (publication le 4 février 2008), webpage, March 2016, <http://www.arcep.fr/index.php?id=9545>.

ARE (2006) Swiss federal office for spatial development (are), webpage, <http://www.are.admin.ch>.

Amt für Raumentwicklung, Baudirektion Kanton Zürich (2012) Geographisches Informationssystem des Kantons Zürich (GIS-ZH), webpage, July 2012, <http://www.gis.zh.ch>.

Austroads (2012) Small travel time savings: Treatment in project evaluations, webpage, February 2012, <https://www.onlinepublications.austroads.com.au/items/AP-R392-11>.

Wikipedia (2014) Automatic parallelization, webpage, April 2014, [http://en.wikipedia.org/w/index.php?title=Parallel\\_computing&oldid=600172964#Automatic\\_parallelization](http://en.wikipedia.org/w/index.php?title=Parallel_computing&oldid=600172964#Automatic_parallelization).

Autoobserver (2008) Seismic shift to smaller segments rocks u.s. market, webpage, May 2008, <http://url.ethz.ch/4>.

Auto Schweiz, Association of Swiss car importers (2009) Statistiken: Personenwagen nach Segmenten, webpage, June 2009, [http://www.auto-schweiz.ch/cms/Personenwagen\\_nach\\_Segmenten.html](http://www.auto-schweiz.ch/cms/Personenwagen_nach_Segmenten.html).

ASTRA (2006) Swiss federal roads authority, webpage, <http://www.astra.admin.ch/>.

Axhausen, K. W. (2015) Gefangen im Netz?, webpage, <https://www.ethz.ch/de/news-und-veranstaltungen/zukunftsblog/archiv/2015/02/gefangen-im-netz.html>.

Axhausen, K. W. (2015) Die Fahrzeit ist entscheidend – Wissenschaftliche Aspekte des Verkehrs, webpage, <https://www.espazium.ch/tec21/article/die-fahrzeit-ist-entscheidend>.

Axhausen, K. W. (2015) Elements of Access: Our Travel is Constrained, webpage, <http://transportationist.org/2015/04/20/elements-of-access-our-travel-is-constrained>.

Federal Office for the Environment (FOEN) (2009) Gefahrenkartierung - ShowMe, webpage, [www.bafu.admin.ch/showme](http://www.bafu.admin.ch/showme).

Federal Office for the Environment (FOEN) (2010) Gefahrenkarten: Bis 2011 noch grosse Anstrengungen der Kantone notwendig, press release, April 2010, <http://www.bafu.admin.ch/dokumentation/medieninformation/>

00962/index.html?lang=de&msg-id=32703.

Federal Office for the Environment (FOEN) (2010) Emissionen nach CO<sub>2</sub>-Gesetz und Kyotot Protokoll, webpage, Available:<http://www.news.admin.ch/NSBSubscriber/message/attachments/19852.pdf>.

Bar-Gera, H. (2013) Transportation network test problems, webpage, <http://www.bgu.ac.il/~bargera/tntp/>. Webpage under construction accessed on 22/08/2013.

Bender, K. and F. Schiller (2009) Vorlesungsskript Modellbildung und Simulation - Teil 1: Grundlagen, January 2009, [http://www.itm.tum.de/downloads/27\\_MouSi\\_Skript\\_Kapitel1\\_080429\\_komplett.pdf](http://www.itm.tum.de/downloads/27_MouSi_Skript_Kapitel1_080429_komplett.pdf).

Institute of Transportation Studies (ITS) (2010) Using ITS research, Barcelona relaeses new BRT network, press release, Available:<http://its.berkeley.edu/btl/2010/spring/Barcelona-BRT>.

Swiss Federal Office of Energy (SFOE) (2009) Energietikette: Fahrzeugliste, webpage, <http://www.bfe.admin.ch/energieetikette/00962/00964/index.html?lang=de>.

BfS (2006) Swiss federal statistical office (bfs), webpage, <http://www.bfs.admin.ch>.

BfS (2011) Swiss federal statistical office (bfs), webpage, <http://www.bfs.admin.ch>.

BfS (2014) Swiss federal statistical office (bfs), webpage, <http://www.bfs.admin.ch>.

BfS (2009) Lohnindex 2008, press release, April 2009, <http://www.news.admin.ch/message/index.html?lang=de&msg-id=26573>.

Swiss Federal Statistical Office (BFS) (2010) Bewohnertypen nach Haushaltsmerkmalen, webpage, [http://www.bfs.admin.ch/bfs/portal/de/index/themen/09/03/blank/key/bewohnertypen/nach\\_haushaltstypen.html](http://www.bfs.admin.ch/bfs/portal/de/index/themen/09/03/blank/key/bewohnertypen/nach_haushaltstypen.html).

Swiss Federal Statistical Office (BFS) (2008) Eidgenössische Betriebszählung, [http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/eidgenoessische\\_betriebszaehlung2.html](http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/eidgenoessische_betriebszaehlung2.html).

Swiss Federal Statistical Office (BFS) (2013) Gemeindetypologie, <http://www.bfs.admin.ch/bfs/portal/de/index/infothek/nomenklaturen/blank/blank/gemtyp/01.html>.

Swiss Federal Statistical Office (BFS) (2008) Haushaltsbudgeterhebung, [http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen\\_quellen/blank/blank/habe/intro.html](http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen_quellen/blank/blank/habe/intro.html).

Swiss Federal Statistical Office (BFS) (2014) Landesindex der Konsumentenpreise, <http://www.bfs.admin.ch/bfs/portal/de/index/themen/05/02.html>.

Swiss Federal Statistical Office (BFS) (2005) Mikrozensus Verkehr 2005, [http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen\\_quellen/blank/blank/mz/01.html](http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen_quellen/blank/blank/mz/01.html).

Swiss Federal Statistical Office (BFS) (2010) Mikrozensus Verkehr 2010, [http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen\\_quellen/blank/blank/mz/01.html](http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen_quellen/blank/blank/mz/01.html).

Swiss Federal Statistical Office (BFS) (2000) Public use samples (PUS): Excerpts for general use from the Swiss federal population censuses 1970-2000, [http://www.portal-stat.admin.ch/pus/files/index\\_e.html](http://www.portal-stat.admin.ch/pus/files/index_e.html).

Swiss Federal Statistical Office (BFS) (2000) Public use samples (PUS): Beschreibung der Variablen, [http://www.portal-stat.admin.ch/pus/files/var\\_d.html](http://www.portal-stat.admin.ch/pus/files/var_d.html).

Swiss Federal Statistical Office (BFS) (2010) Eidgenössische Registererhebung, <http://www.bfs.admin.ch/bfs/portal/de/index/news/02/03/01.html>.

Swiss Federal Statistical Office (BFS) (2017) Die neue Volkszählung, [http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/volks-\\_\\_gebaeude-0.html](http://www.bfs.admin.ch/bfs/portal/de/index/dienstleistungen/geostat/datenbeschreibung/volks-__gebaeude-0.html).

Swiss Federal Statistical Office (BFS) (2010) Eidgenössische Strukturerhebung, <http://www.bfs.admin.ch/bfs/portal/de/index/news/02/03/02.html>.

Swiss Federal Statistical Office (BFS) (2011) STAT-TAB: Die interaktive Statistikdatenbank, webpage, <http://www.pxweb.bfs.admin.ch/dialog/statfile.asp>.

Swiss Federal Statistical Office (BFS) (2000) Eidgenössische Volkszählung 2000, [http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen\\_quellen/blank/blank/vz/uebersicht.html](http://www.bfs.admin.ch/bfs/portal/de/index/infothek/erhebungen_quellen/blank/blank/vz/uebersicht.html).

Bhat, C. R. (2011) Chandra bhat's web-page, webpage, February 2011, [http://www.ce.utexas.edu/prof/bhat/FULL\\_PAPERS.htm](http://www.ce.utexas.edu/prof/bhat/FULL_PAPERS.htm).

Bivand, R. (2011) R package spdep: version 0.5-35, software, <http://cran.r-project.org/web/packages/spdep/index.html>.

Bivand, R. (2011) R package spgwr: version 0.6-10, software, <http://cran.r-project.org/web/packages/spgwr/index.html>.

Boost (2011) Boost C++ libraries, webpage, <http://www.boost.org>.

Breiman, L. and A. Cutler (2013) Random forests, webpage, [http://stat-www.berkeley.edu/users/breiman/RandomForests/cc\\_home.htm](http://stat-www.berkeley.edu/users/breiman/RandomForests/cc_home.htm). Accessed on 29/07/2013.

Brutus (2013) A high-performance computing cluster at ETHZ, webpage, <http://en.>



[wikipedia.org/wiki/Brutus\\_cluster](http://wikipedia.org/wiki/Brutus_cluster).

Bureau of Transportation Statistics (2012) 1995 American travel survey, webpage, [http://www.bts.gov/publications/1995\\_american\\_travel\\_survey](http://www.bts.gov/publications/1995_american_travel_survey).

für Berufsbildung, B. (2012) Datenreport zum berufsbildungsbericht 2012.

Byrd, A. (2012) Visualizing urban accessibility with OpenTripPlanner Analyst, webpage, <http://blog.openplans.org/2012/06/visualizing-urban-accessibility-with-opentripplanner-analyst/>.

Chakirov, A. and A. L. Erath (2013) Putting a price on travel, online article, <http://www.todayonline.com/commentary/putting-price-travel>.

CityGML (2012) Citygml - virtual 3d models, software, <http://www.citygml.org>.

Climate-KIC (2013) Climate Knowledge and Innovation Communities, April 2013, <http://http://www.climate-kic.org/>.

Comparis (2011) Remis zwischen Coop und Migros (komplette Vergleichsliste), February 2011, [http://www.comparis.ch/~media/files/mediencorner/konsumentenstimme/ausgabe\%202011\\\_06/preisvergleich\\\_detailhandel.pdf](http://www.comparis.ch/~media/files/mediencorner/konsumentenstimme/ausgabe\%202011\_06/preisvergleich\_detailhandel.pdf).

DDS Digital Data Services GmbH (2012) TRIP TRACER – Exakte Erfassung von Wegstrecken im Telefoninterview, software, <http://www.ddsgeo.de/produkte/trip-tracer.html>.

Department for Transport (2009) NATA refresh: Appraisal for a sustainable transport system, <http://webarchive.nationalarchives.gov.uk/+/http://www.dft.gov.uk/consultations/archive/2008/consulnatarefresh/natarefresh2009.pdf>.

Department for Transport (2011) Transport user benefit calculation TAG unit 3.5.3, <http://www.dft.gov.uk/webtag/documents/expert/pdf/unit3.5.3.pdf>.

U.S. Department of Transportation (1997) The value of saving travel time: Departmental guidance for conducting economic evaluations, <http://ostpxweb.dot.gov/policy/Data/VOT97guid.pdf>.

Department for Transport (2009) Travel demand management, webpage, March 2009, <http://ops.fhwa.dot.gov/tdm/index.htm>.

Department for Transport (2011) Transport analysis guidance - WebTAG, webpage, April 2011, <http://www.dft.gov.uk/webtag/index.php>.

MIT (2014) Density Atlas, webpage, February 2014, <http://densityatlas.org>.

Data Management Group (2011) DMG - cordon count related reports, webpage, November 2011, <http://www.dmg.utoronto.ca/reports/cordoncountreports.html>.

Data Management Group (2011) DMG - transportation tomorrow survey, webpage, November 2011, <http://www.dmg.utoronto.ca/transportationtomorrowsurvey/index.html>.

Federal Office of Topography swisstopo (2012) Dhm25, webpage, February 2012, <http://www.swisstopo.admin.ch/internet/swisstopo/de/home/products/height/dhm25.html>.

Office for Spatial Development of the Canton of Zurich (2015) Dtm gis zh, webpage, February 2015, <http://maps.zh.ch/?topic=LidarZH&offlayers=dom2014hillshade&over=UpBackgroundZH>.

DynaMIT (2006) Intelligent transportation system program, webpage, <http://mit.edu/its/dynamit.html>.

DYNASMART (2003) DYNASMART, webpage, <http://www.dynasmart.com>.

DYNASMART (2006) DYNASMART, webpage, <http://www.dynasmart.com>.

DYNASMART (2013) DYNASMART, webpage, [http://www.its.uci.edu/~paramics/sim\\_models/dynasmart.html](http://www.its.uci.edu/~paramics/sim_models/dynasmart.html).

European Environment Agency (2010) Ghg trends and projections in switzerland, webpage, <http://www.eea.europa.eu/themes/climate/ghg-country-profiles/tp-report-country-profiles/switzerl>.

educa.ch (2015) Schulen in der Schweiz, webpage, [http://bildungssystem.educa.ch/de/schools\\_in\\_ch](http://bildungssystem.educa.ch/de/schools_in_ch).

van Eggermond, M. A. B. (2013) Why accessibility matters, online article, <http://www.todayonline.com/commentary/why-accessibility-matters>.

SRG SSR idée suisse (2008) Einstein: Verkehrssimulation für Planungsfragen, television broadcast, May 2008, <http://www.sf.tv/sf1/einstein/sendung.php?docid=20080529>.

Erath, A. L. (2011) Visualisation of traffic simulation including public buses on shared roads with matsim, <http://vimeo.com/43729804>.

Erath, A. L. (2011) Visualisation of traffic simulation including public buses on dedicated lanes with matsim, <http://vimeo.com/43729803>.

European Space Agency (2016) Globcover land cover maps, [http://due.esrin.esa.int/page\\_globcover.php](http://due.esrin.esa.int/page_globcover.php).

ESRI (2011) Arcgis desktop: Release 9.3, software, <http://www.esri.com/software/arcgis/arcinfo/index.html>.

ESRI (2013) Arcgis, software, <http://www.esri.com/software/arcgis>.

ESRI (2012) CityEngine, webpage, April 2012, <http://www.esri.com/software/cityengine/>.

ETH Life (2013) Vertraute fremde, webpage, [http://www.ethlife.ethz.ch/archive\\_articles/130806\\_vertraute-fremde\\_aj](http://www.ethlife.ethz.ch/archive_articles/130806_vertraute-fremde_aj).

ETH (2013) ETH Sustainability Summer School “Future Cities – Networks and Grammars”, webpage, <https://www.ethz.ch/de/die-eth-zuerich/nachhaltigkeit/aus-und-weiterbildung/sommer-und-winterschulen/eth-sustainability-summer-school/2013-stadt-der-zukunft.html>.

IVT and ETH Zurich (2013) ETH Travel Data Archive, webpage, <http://tda.ethz.ch>.

IVT and ETH Zurich (2010) ETH Travel Data Archive, webpage, <http://tda.ethz.ch>.

Energy Information Administration (EIA) (2011) Annual energy outlook 2011, <http://www.eia.gov/forecasts/aeo/pdf/0383/%282011%29.pdf>.

INRO (2008) EMME, webpage, <http://www.inro.ca/en/products/emme/index.php>.

INRO (2011) EMME, webpage, <http://www.inro.ca/en/products/emme/index.php>.

INRO (2015) EMME, webpage, <http://www.inro.ca/en/products/emme/index.php>.

Environmental Protection Agency (2011) Greenhouse gas emissions, <http://www.epa.gov/climatechange/emissions/index.html>.

Erath, A. L. (2013) How to solve the problem of bus bunching, online article, <http://www.straitstimes.com/the-big-story/case-you-missed-it/story/how-solve-the-problem-bus-bunching-20130324>.

Federal Tax Administration (2006) Kartographische Darstellung der Einkommensverteilung 2006, [http://www.estv2.admin.ch/d/dokumentation/zahlen\\_fakten/karten/2006/grafiken\\_2006.htm](http://www.estv2.admin.ch/d/dokumentation/zahlen_fakten/karten/2006/grafiken_2006.htm).

EUNOIA Project (2015) EUNOIA project webpage, webpage, <http://www.eunoia-project.eu/>. Accessed on 20/03/2015.

Eurostat (2015) Income of household by NUTS level, webpage, [http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=nama\\_r\\_ehh2inc&lang=](http://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=nama_r_ehh2inc&lang=)

en. Accessed on 31/03/2015.

Eurostat (2016) Tourism statistics - top destinations, webpage, [http://ec.europa.eu/eurostat/statistics-explained/index.php/Tourism\\_statistics\\_-\\_top\\_destinations](http://ec.europa.eu/eurostat/statistics-explained/index.php/Tourism_statistics_-_top_destinations). Accessed on 26/04/2016.

Florida Department of Transportation (2014) Office of Policy Planning: Transportation Costs, <http://www.dot.state.fl.us/planning/policy/costs/>.

Federal Highway Administration (2013) Highway statistics series, webpage, <http://www.fhwa.dot.gov>.

filialsuche.ch (2013) filialsuche.ch, <http://www.filialsuche.ch/>.

Future Cities (2011) ETH Future Cities Laboratory, <http://www.futurecities.ethz.ch/>.

Ordóñez Medina, S. A. (2011) Updating link capacities after network to network matching, <http://vimeo.com/37719479>.

Ordóñez Medina, S. A. (2011) Interactive capacity and free speed fixing tool, <http://vimeo.com/37719997>.

Ordóñez Medina, S. A. (2011) Adding bus lanes using matsim network editing tool, <http://vimeo.com/37719740>.

Ordóñez Medina, S. A. (2011) Demonstration of semi-automatic tool for bus route map matching, <http://vimeo.com/27137889>.

Flügel, S., N. G. Voll and F. Bockemühl (2014) Prøves for vegnettverket i Trondheim: Ny og bedre metode for å beregne trafikkavvikling, press release, June 2014, <http://samferdsel.toi.no/nr-06/ny-og-bedre-metode-for-a-beregne-trafikkavvikling-article32606-1462.html>.

Fussell, E. (2006) Leaving New Orleans: Social stratification, networks, and hurricane evacuation, webpage, June 2006, <http://understandingkatrina.ssrc.org/Fussell/>.

Gapminder (2014) Gapminder, webpage, <http://www.gapminder.org/>.

Giant (2011) Giant hypermarket, webpage, <http://www.gianthypermarket.com.sg>.

GitHub (2017) Web-based git repository hosting service, webpage, <https://github.com>.

GKS (2010) National population census, volume 1: The size and distribution of the population,

section 5, webpage, [http://www.gks.ru/free\\_doc/new\\_site/perepis2010/croc/perepis\\_itogi1612.htm](http://www.gks.ru/free_doc/new_site/perepis2010/croc/perepis_itogi1612.htm).

GNU Project (2011) Gnu screen, webpage, May 2011, <http://www.gnu.org/software/screen/>.

Golob, T. F. (2009) Golob publications, webpage, May 2009, <http://www.its.uci.edu/its/personnel/golob.html>.

Google Earth (2006) Google earth - explore, search and discover, software, <http://earth.google.com>.

Google (2010) Google Maps, webpage, <http://maps.google.com/>.

Google (2012) Google Maps, webpage, <http://maps.google.com/>.

Google (2010) Google Maps API Family, webpage, <http://code.google.com/apis/maps/index.html>.

Google (2010) Street View: Explore the world at street level, webpage, [http://www.google.com/intl/en\\_us/help/maps/streetview/](http://www.google.com/intl/en_us/help/maps/streetview/).

Google (2015) Google Places API, webpage, <https://developers.google.com/places/>.

GPL (2007) GNU Public License, webpage, <http://www.gnu.org/licenses/gpl.html>.

Gradoteka (2015) Exciting statistics Samara city in infographics, webpage, <http://gradoteka.ru/city/samara/detail/transport-c/avtomobilizaciya>.

geOps (2015) Public Transporation Feed for Switzerland, webpage, <http://gtfs.geops.ch/>.

Haklay (2012) 'nobody wants to do council estates' - digital divide, spatial justice and outliers, webpage, <http://povesham.wordpress.com/2012/03/05/nobody-wants-to-do-council-estates-digital-divide-spatial-justice-and-outliers/>.

Beyer (2004) Hawth's analysis tools for arcgis, software, <http://www.spataleecology.com/htools>.

University of Stuttgart (2014) Developing harmonised european approaches for transport costing and project assessment (HEATCO), webpage, <http://heatco.ier.uni-stuttgart.de/>.

Swiss Homeowners Association (2008) Heizkostenabrechnungen - Grössere Nachforderungen zu erwarten, press release, August 2008, [http://old.hev-schweiz.ch/aktuell/news/presse/presse\\_heizkosten.html](http://old.hev-schweiz.ch/aktuell/news/presse/presse_heizkosten.html).

HDB (2011) HDB InfoWeb, <http://services2.hdb.gov.sg/webapp/BB33RTIS/BB33PreslTrans.jsp>. Accessed on 29/03/2011.

HDB (2011) HDB Upgrading Programmes, <http://www.hdb.gov.sg/file0/file10328p.nsf/w/UpgradeWhatsLUP?OpenDocument>. Accessed on 25/04/2011.

HDB (2011) HDB website, <http://www.hdb.gov.sg/>. Accessed on 29/03/2011.

HDB (2011) HDB Annual Report 2009/2010, webpage, <http://www88.hdb.gov.sg/eBook/AnnualReport/Statistics2010.html>. Accessed on 29/03/2011.

IBM (2012) Challenges of resilience in the transport sector, webpage.

INSEE (2016) Institut national de la statistique et des etudes economiques, webpage, March 2016, <http://www.insee.fr/>.

Intelligent Transportation Systems Society (2009) Intelligent transportation systems, webpage, March 2009, <http://www.ewh.ieee.org/tc/its/>.

Istanbul Chamber of Industry (2012) Istanbul Chamber of Industry, webpage, <http://www.iso.org.tr/>.

IVT and ETH Zurich (2010) IVT, webpage, February 2010, <http://www.ivt.ethz.ch>.

IVT and ETH Zurich (2012) IVT, webpage, January 2012, <http://www.ivt.ethz.ch>.

IVT and ETH Zurich (2010) IVT VPL Projects, webpage, February 2010, <http://www.ivt.ethz.ch/vpl/research>.

Institut für Arbeitsmarkt- und Berufsforschung (2013) Daten zur Entwicklung der Arbeitszeit und ihrer Komponenten, [http://doku.iab.de/arbeitsmarktdaten/AZ\\_Komponenten.xlsx](http://doku.iab.de/arbeitsmarktdaten/AZ_Komponenten.xlsx).

Hoopoe (2011) jCUDA – Java for CUDA, webpage, <http://www.hoopoe-cloud.com/Solutions/jCUDA>.

KI (2008) KI Zeitschrift, webpage, <http://www.kuenstliche-intelligenz.de>.

Kaisersrot (2011) Kaisersrot - Solutions you cannot draw, webpage, November 2011, <http://www.kaisersrot.com>.

KML (2008) Keyhole markup language - google code, webpage, December 2008, <http://code.google.com/apis/kml>.

Xie, Y. (2017) knitr – elegant, flexible and fast dynamic report generation with R, webpage, <http://yihui.name/knitr>.

LaHowara & Commander Spock (2012) An Agent-Based Cellular Automaton Cruising-For-Parking Simulation published on github.com, software, <https://github.com/>

andreas77/LaHowara.

LaHowara & Commander Spock (2013) An Agent-Based Cellular Automaton Cruising-For-Parking Simulation published on sourceforge.net, software, <https://sourceforge.net/projects/lahowara/>.

Lee, H. L. (2008) New Year Message 2008, press release, February 2008, [http://app.mfa.gov.sg/pr/read\\_content.asp?View,9165,.](http://app.mfa.gov.sg/pr/read_content.asp?View,9165,.)

Land Transportation Authority (2013) Household Interview Travel Survey 2012, webpage, <http://www.lta.gov.sg/>.

Mapnificent (2012) Mapnificent, webpage, <http://www.mapnificent.net/>.

Mappuls AG (2009) mappuls geo solutions, webpage, <http://www.mappuls.ch/>.

MathWorks (2012) MATLAB R2012b (Version 8.0), software, <http://www.mathworks.com/products/matlab/>.

MATSim-T (2004) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>.

MATSim-T (2006) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>.

MATSim-T (2008) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>.

MATSim-T (2010) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>.

MATSim-T (2011) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>.

MATSim (2012) Multi Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2013) Multi-Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2014) Multi-Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2015) Multi-Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2016) Multi-Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2017) Multi-Agent Transportation Simulation, webpage, <http://www.matsim.org>.

MATSim (2013) Multi Agent Transportation Simulation: Publications, webpage, <http://www.matsim.org/publications>.

MATSim (2014) Multi Agent Transportation Simulation: Publications, webpage, <http://www.matsim.org/publications>.

MATSim (2015) Multi Agent Transportation Simulation: Publications, webpage, <http://www.matsim.org/publications>.

MATSim (2014) Multi Agent Transportation Simulation: Documentation, webpage, <http://www.matsim.org/docs>.

MATSim (2015) Multi Agent Transportation Simulation: Documentation, webpage, <http://www.matsim.org/docs>.

MATSim (2014) Multi Agent Transportation Simulation: Javadoc, webpage, [http://ci.matsim.org:8080/job/MATSim\\_M2/javadoc/](http://ci.matsim.org:8080/job/MATSim_M2/javadoc/)?

MATSim (2015) Multi Agent Transportation Simulation: Javadoc, webpage, [http://ci.matsim.org:8080/job/MATSim\\_M2/javadoc/](http://ci.matsim.org:8080/job/MATSim_M2/javadoc/)?

MATSim (2014) Multi Agent Transportation Simulation: Mailing lists, webpage, <http://www.matsim.org/maillinglists>.

MATSim (2015) Multi Agent Transportation Simulation: Mailing lists, webpage, <http://www.matsim.org/maillinglists>.

MATSim (2014) Multi Agent Transportation Simulation: Becoming a matsim contributor, webpage, <http://www.matsim.org/docs/devguide/becomeAContributor>.

MATSim (2015) Multi Agent Transportation Simulation: Becoming a matsim contributor, webpage, <http://www.matsim.org/docs/devguide/becomeAContributor>.

MATSim (2014) Multi Agent Transportation Simulation: Coding guide, webpage, <http://www.matsim.org/docs/contributing>.

MATSim (2015) Multi Agent Transportation Simulation: Coding guide, webpage, <http://www.matsim.org/docs/contributing>.

MATSim-T (2010) Multi Agent Transportation Simulation Toolkit, webpage, <http://www.matsim.org>. Accessed on 29/07/2010.

MATSim-T (2008) Examples MATSim, webpage, <http://www.matsim.org/examples>.



MATSim-T (2015) Examples MATSim, webpage, <http://www.matsim.org/examples>.

MATSim (2013) MATSim scenarios, webpage, <http://www.matsim.org/scenarios>.

MATSim (2014) MATSim scenarios, webpage, <http://www.matsim.org/scenarios>.

MATSim (2015) MATSim scenarios, webpage, <http://www.matsim.org/scenarios>.

Horni, A. (2014) MATSim destination choice documentation, webpage, <http://www.matsim.org/node/218>.

Andreas Horni (2015) MATSim destination choice documentation, webpage, <http://www.matsim.org/node/218>.

Chakirov, A., A. L. Erath, P.J. Fourie (Producer), S. A. Ordóñez Medina and M. A. B. van Eggermond (2014) MATSim singapore in operation, webpage, <https://vimeo.com/74432255>.

Chakirov, A., A. Erath (Producer), P.J. Fourie (Producer) and S. A. Ordóñez Medina (2014) Big data transport simulation with MATSim, webpage, <https://vimeo.com/117976373>.

Medical Daily (2013) Social Networks Between 'Familiar Strangers' Could Predict How Diseases Spread In Urban Areas, webpage, <http://www.medicaldaily.com/social-networks-between-familiar-strangers-could-predict-how-diseases-spread>.

Merriam-Webster (2013) Dictionary, webpage, <http://www.merriam-webster.com>.

MIT Technology Review (2013) The Science of Familiar Strangers: Society's Hidden Social Network, webpage, <http://www.technologyreview.com/view/516846/the-science-of-familiar-strangers-societys-hidden-social-network/>.

MITSIM (2006) MITSIMLab, webpage, <http://www.web.mit.edu/its/mitsimlab.html>.

Mobility (2008) Car Sharing Service der Schweiz, webpage, July 2008, <http://www.mobility.ch>.

MGE DATA (2012) MobiTest GSL, webpage, May 2012, <http://www.mgedata.com/de/hw-und-sw-produkte/custom-produkte/mobitest>.

mobiTopp (2013) mobiTopp Simulation Program Homepage, webpage, <http://www.mobitopp.net/>.

Ministry of Education (2011) School Information Service, webpage, <http://www.moe.gov.sg>. Accessed on 05/04/2011.

Ministry of Education (2015) School Information Service, webpage, <http://www.moe.gov.sg>.

Morphocode (2014) Morphocode, webpage, <http://www.morphocode.com>. Accessed on 20/11/2014.

MPI-Forum (2008) Message Passing Interface Forum, webpage, <http://www.mpi-forum.org>.

Tele Atlas MultiNet (2010) MultiNet: The most powerful map database ever built, webpage, January 2010, <http://www.teleatlas.com/OurProducts/MapData/Multinet/index.htm>.

TomTom MultiNet (2011) MultiNet: The most powerful map database ever built, webpage, <http://licensing.tomtom.com/OurProducts/MapData/Multinet/index.htm>. Accessed 25/05/2011.

LTA (2015) MyTransport.SG: DataMall, webpage, <http://www.mytransport.sg/content/mytransport/home/dataMall.html>.

Nagel (2004) Multi-agent transportation simulation, book in progress, <https://svn.vsp.tu-berlin.de/repos/public-svn/publications/vspwp/2004/04-01>.

NAVTEQ (2011) NAVTEQ Maps and Traffic, webpage, <http://www.navteq.com>.

The Nielsen Company (2009) ACNielsen Corporate Site, webpage, <http://ch.de.acnielsen.com/site/index.shtml>.

nodeGame (2015) nodeGame website, webpage, <http://www.nodegame.org/>. Accessed on 20/03/2015.

Baudirektion Kanton Zurich (2008) Bauprojekt Nordumfahrung Zürich, webpage, <http://www.nordumfahrung.ch/>.

NTUC (2011) Accessed on 10/04/2011, webpage, <http://www.fairprice.com.sg/>. Accessed on 10/04/2011.

Novatlantis (2010) Nachhaltigkeit im ETH Bereich, webpage, <http://www.novatlantis.ch/>.

Department for Transport (2016) National travel survey: 2014, webpage, <http://www.gov.uk/government/statistics/national-travel-survey-2014>. Accessed on 17/02/2016.

IFSTTAR (2016) French national travel survey: 2008, webpage, <http://http://>

[//www.statistiques.developpement-durable.gouv.fr/transports/s/transport-voyageurs-deplacements.html](http://www.statistiques.developpement-durable.gouv.fr/transports/s/transport-voyageurs-deplacements.html). Accessed on 17/02/2016.

Bureau of Transportation Statistics (2016) National transportation statistics, webpage, [http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/publications/national\\_transportation\\_statistics/index.html](http://www.rita.dot.gov/bts/sites/rita.dot.gov.bts/files/publications/national_transportation_statistics/index.html). Accessed on 20/04/2016.

NVIDIA (2011) Compute Unified Device Architecture, webpage, <http://www.nvidia.com/cuda>.

Neue Zürcher Zeitung (2008) NZZ Swiss made: Die Zürcher Westtangente - das Ende aller Staus?, television broadcast, November 2008, <http://www.nzzformat.ch/108+M5dba0b64859.html>.

OECD (2012) OECD Tourism Trends and Policies 2012, webpage, [http://www.oecd-ilibrary.org/industry-and-services/oecd-tourism-trends-and-policies-2012\\_tour-2012-en](http://www.oecd-ilibrary.org/industry-and-services/oecd-tourism-trends-and-policies-2012_tour-2012-en). Accessed on 26/04/2016.

BMVI (2012) Oesterreich Unterwegs, webpage, <http://www.oesterreich-unterwegs.at>. Accessed on 26/04/2016.

Omnitrans International (2011) OmniTRANS, webpage, <http://www.omnitrans-international.com/en/products/omnitrans/modelling-packs/dynamic-traffic-assignment>.

OpenAMOS (2011) OpenAMOS modeling framework, webpage, <http://simtravel.wikispaces.asu.edu/OpenAMOS+Modeling+Framework>.

OpenStreetMap (2010) A free editable map of the whole world, webpage, <http://www.openstreetmap.org>.

OpenStreetMap (2011) The Free Wiki World Map, webpage, <http://www.openstreetmap.org>. Accessed 25/05/2011.

OpenStreetMap (2015) The Free Wiki World Map, webpage, <http://www.openstreetmap.org>.

ORACLE (2009) Java SE 6 Update 14 Release Notes, webpage, <http://www.oracle.com/technetwork/java/javase/6u14-137039.html>. Accessed 10/02/2011.

ORACLE (2014) Java Software, webpage, <http://www.oracle.com/us/technologies/java/overview/index.html>. Accessed 21/06/2014.

Oxford English Dictionary (2014) Gridlock, webpage, <http://www.oed.com/>. Accessed 10/01/2014.

PCATS (2011) Activity-travel simulator PCATS, webpage, [http://trans.kuciv.kyoto-u.ac.jp/tba/kikuchi/PCATS\\_DEBNetS/pcats.html](http://trans.kuciv.kyoto-u.ac.jp/tba/kikuchi/PCATS_DEBNetS/pcats.html).

PCATS (2013) Activity-travel simulator PCATS, webpage, [http://trans.kuciv.kyoto-u.ac.jp/tba/kikuchi/PCATS\\_DEBNetS/pcats.html](http://trans.kuciv.kyoto-u.ac.jp/tba/kikuchi/PCATS_DEBNetS/pcats.html).

Pebesma, E. (2011) R package sp: version 0.9-82, software, <http://cran.r-project.org/web/packages/sp/index.html>.

Charan, K. (2010) PopGen source code, webpage, May 2010, <http://code.google.com/p/populationsynthesis/source/checkout>. Accessed on 29/07/2010.

PopGen website (2010) webpage, May 2010, <http://urbanmodel.asu.edu/popgen.html>. Accessed on 29/07/2010.

PopGen wiki (2010) webpage, May 2010, <http://simtravel.wikispaces.asu.edu/Population+Synthesis>. Accessed on 29/07/2010.

POSDAP (2012) Position Data Processing, webpage, <http://sourceforge.net/projects/posdap/>.

Refractions Research (2013) PostGIS, software, April 2013, <http://postgis.net/>.

PostgreSQL Global Development Group (2013) PostgreSQL: Release 9.2, software, April 2013, <http://www.postgresql.org/>.

Wikipedia (2014) Power5 microprocessor, webpage, April 2014, <http://en.wikipedia.org/w/index.php?title=POWER5&oldid=600650542>.

PROCEDURAL (2011) PROCEDURAL, webpage, July 2011, <http://www.procedural.com>.

AllProperty (2011) Property Guru, webpage, <http://www.propertyguru.com.sg>. Accessed from February to March 2011.

ProtoGeo Oy (2015) moves app, webpage, <http://www.moves-app.com/>. Accessed on 10/08/2015.

PTV America (2010) PTV America, webpage, <http://www.ptvamerica.com>.

PTV (2006) Ptv, webpage, <http://www.ptv.de>.

PTV (2009) Ptv, webpage, <http://www.ptvag.com>.

Nokia (2011) Qt – a cross-platform application and UI framework, webpage, <http://qt.nokia.com/products>.

QGIS Development Team (2013) Quantum gis, software, <http://qgis.org/>.

Rieser, M. (2009) How to speed up MATSim runs, webpage, <http://www.matsim.org/node/344>. Accessed on 11/02/2011.

R Development Core Team (2012) A language and environment for statistical computing, software, <http://www.r-project.org>.

Rohrmann, B. (2010) Risk attitude scales: Concepts and questionnaires, webpage, February 2010, <http://www.rohrmannresearch.net/pdfs/rohrmann-racreport.pdf>.

Ronald, N. (2014) iMoD: Intelligent Mobility on Demand, webpage, <http://imod-au.info/>. Last accessed 6 Nov 2014.

Resource Systems Group (RSG) (2015) rmove, <http://rmove.rsginc.com/index.html>. Accessed on 10/08/2015.

Ryser, F. (2013) Mathematische Modelle und Simulation – Ein Erreichbarkeitsmodell des Verkehr in der Stadt Zürich, Maturitätsarbeit, KFR, Zurich.

Saldo (2002) Detailhandel - Beim Wocheneinkauf fast 50 Franken gespart, May 2002, [http://www.saldo.ch/themen/beitrag/1014712/Detailhandel\\\_\\\\_Beim\\\\_Wocheneinkauf\\\\_fast\\\\_50\\\\_Franken\\\\_gespart](http://www.saldo.ch/themen/beitrag/1014712/Detailhandel\_\\_Beim\\_Wocheneinkauf\\_fast\\_50\\_Franken\\_gespart).

Samuels, T. (2006) Rethinking traffic congestion - traffic expands to fill available road space, webpage, <http://www.culturechange.org/issue8/traffic%20expands.htm>.

SATURN (2014) Simulation and Assignment of Traffic to Urban Road Networks, webpage, <http://www.saturnsoftware.co.uk/>. Accessed on 07/05/2014.

SAX (2006) Simple API for XML, webpage, <http://www.saxproject.org>.

Science World Report (2013) Secret network of familiar strangers uncovered, webpage, <http://www.scienceworldreport.com/articles/8650/20130806/secret-network-familiar-strangers-uncovered.htm>.

Scientific American (2013) Singapore Bus Study Reveals Hidden Social Networks, webpage, <http://www.scientificamerican.com/article.cfm?id=singapore-bus-study-reveals-hidden-social-networks>.

SourceForge (2011) Open source library of algorithms and mathematical tools for the python programming language, software.

senozon AG (2012) senozon, webpage, <http://www.senozon.com/>.

senozon AG (2012) via – visualization and analysis tool, webpage, <http://www.senozon.com/matsim/analysistool>.

senozon AG (2013) via – visualization and analysis tool, webpage, <http://www.senozon.com/matsim/analysistool>.

senozon AG (2014) via – visualization and analysis tool, webpage, <http://senozon.com/de/produkte/via>.

senozon AG (2015) via – visualization and analysis tool, webpage, <http://senozon.com/products/via>.

senozon AG (2011) Graphical analysis tool, webpage, <http://www.senozon.com/matsim/analysistool>.

SfSB (2006) Senatsverwaltung für stadtentwicklung berlin, webpage, <http://www.stadtentwicklung.berlin.de>.

Department of Statistics (2010) Census of population 2010 - administrative report, webpage, [http://www.singstat.gov.sg/publications/publications-and-papers/population/census10\\_admin](http://www.singstat.gov.sg/publications/publications-and-papers/population/census10_admin).

SLAB (2006) Statistisches landesamt berlin, webpage, <http://www.statistik-berlin.de>.

SourceForge (2006) Open source software development web site, webpage, <http://sourceforge.net>.

SourceForge (2011) Open source software development web site, webpage, <http://sourceforge.net>.

SourceForge (2013) Open source software development web site, webpage, <http://sourceforge.net>.

SourceForge (2014) Open source software development web site, webpage, <http://sourceforge.net>.

SourceForge (2015) Open source software development web site, webpage, <http://sourceforge.net>.

National Aeronautics and Space Administration (2012) Shuttle Radar Topography Mission (SRTM), webpage, February 2012, <http://www2.jpl.nasa.gov/srtm/>.

SAZH (2006) Statistical office of the canton zurich, webpage, <http://www.statistik.zh.ch>.

SAZH (2009) Statistical office of the canton zurich, webpage, <http://www.statistik.zh.ch>.

STRC (2008) Swiss transport research conference, webpage, <http://www.strc.ch/>.

Streetdirectory (2011) Streetdirectory Singapore, webpage, <http://www.streetdirectory.com>. Accessed on 10/04/2011.

Streetdirectory (2011) Streetdirectory Singapore, webpage, <http://www.streetdirectory.com>. Accessed on 1/04/2012.

Studio Mobilita (2015) Studio mobilita, webpage, <http://www.studio-mobilita.ch>. Accessed on 10/08/2015.

Smart Urban Adapt (2013) The Smart Urban Adapt project, webpage, April 2013, <http://www.sua.ethz.ch>.

Lumley, T. (2017) Survey analysis in R, webpage, <http://faculty.washington.edu/tlumley/survey>. Accessed on 29/05/2012.

SustainCity (2011) The SustainCity project, webpage, <http://www.sustaincity.org>.

Swissinfo.ch (2013) Commuters generate close-knit social network, webpage, [http://www.swissinfo.ch/eng/science\\_technology/Commuters\\_generate\\_close-knit\\_social\\_network.html?cid=36615882](http://www.swissinfo.ch/eng/science_technology/Commuters_generate_close-knit_social_network.html?cid=36615882).

SwissRe (2012) Challenges of resilience in the transport sector: Interview with Kay Axhausen, Federal Institute of Technology (ETH) Zurich, and Markus Reckling, Deutsche Post DHL, webpage, [http://media.cgd.swissre.com/documents/Challenges\\_of\\_resilience\\_Risk\\_Dialogue\\_Series\\_Resilience.pdf](http://media.cgd.swissre.com/documents/Challenges_of_resilience_Risk_Dialogue_Series_Resilience.pdf).

Swiss Federal Archives (2013) Swiss open government data, webpage, <http://opendata.admin.ch>.

Syntheticity (2013) Syntheticity, webpage, November 2013, <http://www.syntheticity.com/>.

Tableau Software (2013) Tableau desktop, software, <http://www.tableausoftware.com/products/desktop>.

Tagesanzeiger, Pia Wertheimer (2013) Weshalb es zum grössten Stau in Zürich kam, April 2013, <http://www.tagesanzeiger.ch/zuerich/stadt/Weshalb-es-zum-groessten-Stau-in-Zuerich-kam/story/15871972>.

Touring Club Schweiz (2012) Jeder kann einen Stau verursachen, webpage, March 2012.

Touring Club Schweiz (2009) Kilometerkosten 2009, software.

TfL (2006) Transport for London - Congestion charging, webpage, <http://www.cclondon.com>.

The Atlantic Cities (2013) Now We Can Actually Count and Track the 'Familiar Strangers' in Our Lives, webpage,

<http://www.theatlanticcities.com/commute/2013/07/now-we-can-actually-count-and-track-familiar-strangers-our-lives/6334/>.

The Atlantic Wire (2013) The 'Familiar Stranger' Is Your Friend, webpage, <http://www.theatlanticwire.com/national/2013/07/man-bus-your-familiar-stranger-heres-why-you-should-be-thankful-him/67503/>.

THELMA (2013) Technology-centered Electric Mobility Assessment, webpage, <http://www.thelma-emobility.net/>.

The Straits Times (2013) Nothing random about 'familiar strangers': Study, webpage, <http://www.straitstimes.com/breaking-news/singapore/story/nothing-random-about-familiar-strangers-study-20130722>.

PAEXCO (2011) Directory of top schools in Singapore, webpage, <http://singapore-top-schools.blogspot.com>. Accessed on 12/05/2011.

TOP500 (2014) Development over time, webpage, April 2014, <http://www.top500.org/statistics/overtime>.

ToSamara (2015) The transport operator of Samara, webpage, <http://www.tosamara.ru/>.

TRANSIMS (2006) TRAnsportation ANalysis and SIMulation System, webpage, December 2006, <http://transims.tsasa.lanl.gov>.

TRANSIMS (2007) TRANSIMS Open Source Project Site, webpage, <http://www.transims-opensource.net/>. Accessed on 11/02/2011.

TRANSIMS (2009) TRAnsportation ANalysis and SIMulation System, webpage, May 2009, <http://transims-opensource.org/>.

SimTRAVEL (2013) TRANSIMS Application and Deployment, webpage, <http://simtravel.wikispaces.asu.edu/TRANSIMS+Application+and+Deployment>.

FHWA (2013) TRANSIMS Background, webpage, <http://www.fhwa.dot.gov/planning/tmip/resources/transims/>.

TRANSIMS Open Source (2013) Getting Started with TRANSIMS, webpage, <http://code.google.com/p/transims/wiki/GettingStarted>.

TRANSIMS Open Source (2017) Getting Started with TRANSIMS, webpage, <http://code.google.com/p/transims/wiki/GettingStarted>.

Caliper (2013) Transmodeler, webpage, <http://www.caliper.com/>



transmodeler/.

University of Florida (2014) Traffic Network Study Tool (TRANSYT), webpage, [http://mctrans.ce.ufl.edu/mct/?page\\_id=43](http://mctrans.ce.ufl.edu/mct/?page_id=43).

National Academy of Sciences (2008) Transportation research board of the national academies, webpage, <http://www.trb.org/>.

TRL Software (2014) TRL Software, webpage, <https://www.trlsoftware.co.uk/>.

McTrans (2013) Traffic Software Integrated System - Corridor Simulation, webpage, <http://mctrans.ce.ufl.edu/featured/tsis/>.

Turkish Statistical Institute (2011) Turkish Statistical Institute, webpage, <http://www.turkstat.gov.tr/>.

Twitter (2014) About Twitter, webpage, <https://about.twitter.com/company>.

Twitter (2014) Twitter Reports First Quarter 2014 Results, webpage, <https://investor.twitterinc.com/releasedetail.cfm?ReleaseID=843245>.

Fairfax County (2014) Transforming Tysons, webpage, <http://www.fairfaxcounty.gov/tysons>. Accessed on 02/05/2014.

Uber Technologies Inc. (2017) Share your ride and save with uberPOOL, <http://www.uber.com/ride/uberpool/>.

uk.gov (2007) Calculation of excess waiting time(ewt): Example of typical scenario, <http://clip.local.gov.uk/lgv/aio/36711>.

United Nations (2007) Climate change and tourism: Responding to global challenges, [http://esa.un.org/marrakechprocess/pdf/davos\\_rep\\_advan\\_summ\\_26\\_09.pdf](http://esa.un.org/marrakechprocess/pdf/davos_rep_advan_summ_26_09.pdf).

University of California (2009) Institute of Transportation Studies, webpage, May 2009, <http://www.its.uci.edu/its/publications/casa.html>.

URA (2011) Real estate informations system REALIS, webpage, <http://www.ura.gov.sg/realis/>. Accessed on 29/03/2011.

Urban Redevelopment Authority (2015) Master Plan 2008, webpage, <https://www.ura.gov.sg/maps/>.

UrbanSim (2006) A software-based simulation model for integrated planning and analysis of urban development, software, <http://www.urbansim.org>.

UrbanSim (2010) Open Platform for Urban Simulation, webpage, <http://www.urbansim.org>. Accessed on 29/07/2010.

UrbanSim (2011) Open Platform for Urban Simulation, webpage, <http://www.urbansim.org>.

UrbanVision (2012) Urbanvision home, software, <http://www.cs.purdue.edu/cgvlab/urban/urbanvision-system.html>.

U.S. Department of Transportation (2008) National Transportation Statistics 2008, online article.

U.S. Department of Transportation (2012) National Transportation Statistics 2012, online article.

Vägverket (2006) Trial implementation of a congestion tax in Stockholm, webpage, [http://www.vv.se/templates/page3\\_\\_\\_\\_\\_17154.aspx](http://www.vv.se/templates/page3_____17154.aspx).

Schweizerischer Verband der Lebensmittel-Detaillisten (2013) [veledes.ch](http://www.veledes.ch), [http://www.veledes.ch/documents/Februar\\_2012\\_deutsch.pdf](http://www.veledes.ch/documents/Februar_2012_deutsch.pdf).

VISSIM (2006) VISSIM, webpage, November 2006, [http://www.ptv.de/cgi-bin/traffic/graf\\_vissim.pl](http://www.ptv.de/cgi-bin/traffic/graf_vissim.pl).

PTV (2011) VISUM, webpage, <http://www.ptvag.com/software/transportation-planning-traffic-engineering/software-system-solutions/visum/>.

PTV (2013) VISUM, webpage, <http://vision-traffic.ptvgroup.com/en-us/products/ptv-visum/>.

Verwaltungs-Verlag (2006) webpage, <http://www.stadtplan.net>.

Walk Score (2012) Walk Score, webpage, <http://www.walkscore.com/>.

Walk Score (2014) Walk Score, webpage, <http://www.walkscore.com/>.

Baudirektion Kanton Zurich (2008) Bauprojekt Westumfahrung Zürich, webpage, <http://www.westumfahrung.ch/>.

Wheeler, B. (2012) AlgDesign: Algorithmic experimental design. R package version 1.1-2, webpage, <http://CRAN.R-project.org/package=AlgDesign>.

World Health Organisation (2010) Climate change and health, webpage, <http://www.who.int/mediacentre/factsheets/fs266/en/index.html>.

Eclipse (2014) WindowBuilder, webpage, <http://www.eclipse.org/windowbuilder/>.

Wired.co.uk (2013) Study examines the role of 'familiar strangers' on public transport, webpage, <http://www.wired.co.uk/news/archive/2013-07/11/>

familiar-strangers-study.

Statistical Office of the Canton Zurich (2011) Wohnungen nach bauperiode, webpage, [http://www.statistik.zh.ch/themenportal/themen/daten\\_detail.php?id=609&tb=3&mt=2](http://www.statistik.zh.ch/themenportal/themen/daten_detail.php?id=609&tb=3&mt=2).

Statistical Office of the Canton Zurich (2010) Wohnungen nach Eigentumsverhältnissen, webpage, [http://www.statistik.zh.ch/themenportal/themen/daten\\_detail.php?id=610&tb=3&mt=2](http://www.statistik.zh.ch/themenportal/themen/daten_detail.php?id=610&tb=3&mt=2).

Statistical Office of the Canton Zurich (2011) Wohnungsbestand nach energieträger, webpage, [http://www.statistik.zh.ch/themenportal/themen/daten\\_detail.php?id=579&tb=3&mt=2](http://www.statistik.zh.ch/themenportal/themen/daten_detail.php?id=579&tb=3&mt=2).

WolframAlpha (2012) Wolframalpha: Computational knowledge engine, webpage, [www.wolframalpha.com](http://www.wolframalpha.com).

World Bank (2013) World bank data, webpage, <http://data.worldbank.org>.

Yandex Company (2013) Traffic jams in Russian cities, webpage, [https://company.yandex.ru/researches/reports/2013/city\\_jams/city\\_jams\\_2013.xml](https://company.yandex.ru/researches/reports/2013/city_jams/city_jams_2013.xml).

Statistisches Bundesamt (2014) Zensus 2011, webpage, December 2014, [https://www.zensus2011.de/DE/Home/home\\_node.html](https://www.zensus2011.de/DE/Home/home_node.html).

Stadt Zürich Präsidialdepartement, Statistik Stadt Zürich (2011) Quartierspiegel Gesamtreihe aller 34 Stadtquartiere.

ZKB (2004) Preise, Mieten und Renditen, webpage, [https://www.zkb.ch/etc/ml/repository/prospekte\\_und\\_broschueren/corporate/studien/studie\\_immomarkt\\_transparent\\_pdf.File.pdf](https://www.zkb.ch/etc/ml/repository/prospekte_und_broschueren/corporate/studien/studie_immomarkt_transparent_pdf.File.pdf).

PHDTHESIS-AUTHOR (0000) TITLE, Ph.D. Thesis, SCHOOL, address, month 0000.

PHDTHESIS-AUTHOR (0001) A PhD thesis with all information, Ph.D. Thesis, ETH Zurich, Zurich, March 0001.

PHDTHESIS-AUTHOR (0002) The minimal version of a PhD thesis, Ph.D. Thesis, ETH Zurich.

PHDTHESIS-AUTHOR (forthcoming) A PhD thesis with is in press, Ph.D. Thesis, ETH Zurich, Zurich.

Ackermann, T. (1998) Die Bewertung der Pünktlichkeit als Qualitätsparameter im Schienenpersonenverkehr auf Basis der direkten Nutzenmessung, Ph.D. Thesis, University of Stuttgart, Stuttgart.

- Axhausen, K. W. (1988) Eine ereignisorientierte Simulation von Aktivitätenketten zur Parkstandswahl, Ph.D. Thesis, University of Karlsruhe, Karlsruhe.
- Balmer, M. (2007) Travel demand modeling for multi-agent traffic simulations: Algorithms and systems, Ph.D. Thesis, ETH Zurich, Zurich, May 2007.
- Balmer, M. (forthcoming) Travel demand modeling for multi-agent traffic simulations: Algorithms and systems, Ph.D. Thesis, ETH Zurich, Zurich.
- Beige, S. (2008) Long-term and mid-term mobility decisions during the life course, Ph.D. Thesis, ETH Zurich, Zurich.
- Beirão, J. N. (2012) CItymaker – designing grammars for urban design, architecture and the built environment, Ph.D. Thesis, Delft University of Technology, Delft.
- Ben-Akiva, M. E. (1973) Structure of passenger travel demand models, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.
- Bernard, M. (2008) Entwicklung eines Bemessungskonzepts für Autobahnabschnitte unter Berücksichtigung der Zufallsgrößen Verkehrsnachfrage und Kapazität in der Risikoanalyse, Ph.D. Thesis, ETH Zurich, Zurich.
- Birdsall, J. (2008) The responsive approach: An integrated socially-sustainable technically-optimal decision model, Ph.D. Thesis, EPF Lausanne, Lausanne.
- Boccara, B. (1989) Modelling choice set formation in discrete choice models, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.
- Bodenmann, B. R. (2011) Location choice of firms with special emphasis on spatial accessibility, Ph.D. Thesis, ETH Zurich, Zurich.
- Bowman, J. L. (1998) The day activity schedule approach to travel demand analysis, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.
- Bottom, J. A. (2000) Consistent anticipatory route guidance, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.
- Carrasco, J. A. (2006) Social activity-travel behaviour: A personal networks approach, Ph.D. Thesis, University of Toronto, Toronto.
- Castro, M. (2012) On generalizing the multiple discrete-continuous extreme value (MDCEV) model, Ph.D. Thesis, University of Texas Austin, Austin.
- Cetin, N. (2005) Large-scale parallel graph-based simulations, Ph.D. Thesis, ETH Zurich, Zurich.
- Charypar, D. (2008) Efficient algorithms for the microsimulation of travel behavior in very large scenarios, Ph.D. Thesis, ETH Zurich, Zurich.

- Ciari, F. (2012) Sharing as a key to rethink urban mobility: Investigating and modelling innovative transport systems, Ph.D. Thesis, ETH Zurich, Zurich.
- De Jong, K. A. (1975) An analysis of the behavior of a class of genetic adaptive systems, Ph.D. Thesis, University of Michigan.
- Delafontaine, M. (2011) Modelling and analysing moving objects and travelling subjects - bridging theory and practice, Ph.D. Thesis, Ghent University.
- Demetrescu, C. (2001) Fully dynamic algorithms for path problems on directed graphs, Ph.D. Thesis, University of Rome La Sapienza, Rome.
- Dobler, C. (2013) Travel behaviour modelling for scenarios with exceptional events - methods and implementations, Ph.D. Thesis, ETH Zurich, Zurich.
- Dubernet, T. (forthcoming) Explicitly correlating agent's daily plans in a multiagent transport simulation: Towards the consideration of social relationships, Ph.D. Thesis, ETH Zurich, Zurich.
- Dubernet, T. (2017) Explicitly correlating agent's daily plans in a multiagent transport simulation: Towards the consideration of social relationships, Ph.D. Thesis, ETH Zurich, Zurich.
- Dugge, B. (2006) Ein simultanes Erzeugungs-, Verteilungs-, Aufteilungs- und Routenwahlmodell, Ph.D. Thesis, Technical University Dresden, Dresden.
- dos Santos Eleutério, V. L. (2009) Finding Approximate Solutions for Large Scale Linear Programs, Ph.D. Thesis, ETH Zurich, Zurich.
- Erath, A. L. (2011) Vulnerability assessment of road transport infrastructure, Ph.D. Thesis, ETH Zurich, Zurich.
- Erath, A. L. (forthcoming) Vulnerability assessment of road transport infrastructure, Ph.D. Thesis, ETH Zurich, Zurich.
- Feil, M. (forthcoming) Choosing the daily schedule: Expanding activity-based travel demand modelling, Ph.D. Thesis, ETH Zurich.
- Feil, M. (2010) Choosing the daily schedule: Expanding activity-based travel demand modelling, Ph.D. Thesis, ETH Zurich, Zurich.
- Ficici, S. G. (2004) Solution concepts in coevolutionary algorithms, Ph.D. Thesis, Brandeis University, Waltham.
- Fiorenzo-Catalano, S. (2007) Choice set generation in multi-modal transportation networks, Ph.D. Thesis, Technical University Delft, Delft.
- Frank, P. (2013) Methodik zur Effizienzbeurteilung der Kapazitätsnutzung und -entwicklung von Bahnnetzen, Ph.D. Thesis, ETH Zurich, Zurich.

- Franklin, J. P. (2006) The distributional effects of transportation policies: the case of a bridge toll for seattle, Ph.D. Thesis, University of Washington, Washington, D.C.
- Frei, A. (2012) Networks, geography and travel: Travel between infrastructure and social structure, Ph.D. Thesis, ETH Zurich, Zurich.
- Frejinger, E. (2008) Route choice analysis: Data, models, algorithms and applications, Ph.D. Thesis, EPF Lausanne, Lausanne, April 2008.
- Fröhlich, P. (2008) Änderungen der Intensitäten im Arbeitspendlerverkehr von 1970 bis 2000, Ph.D. Thesis, ETH Zurich, Zurich.
- Geurs, K. T. (2006) Accessibility, land use and transport, Ph.D. Thesis, University of Utrecht, Utrecht, May 2006.
- Gloor, C. D. (2005) Distributed intelligence in real world mobility simulations, Ph.D. Thesis, ETH Zurich, Zurich.
- Grether, D. (2014) Extension of a multi-agent transport simulation for traffic signal control and air transport systems, Ph.D. Thesis, Technical University Berlin, Berlin.
- Guevara, C. A. (2005) Endogeneity and sampling of alternatives in spatial choice models, Ph.D. Thesis, Massachusetts Institute of Technology, Boston.
- Guo, J. Y. (2004) Addressing spatial complexities in residential location choice models, Ph.D. Thesis, University of Texas, Texas, December 2004.
- Hackney, J. K. (2009) Integration of social networks in a large-scale travel behavior microsimulation, Ph.D. Thesis, ETH Zurich, Zurich.
- Herrigel, S. (2015) Algorithmic decision support for the construction of periodic railway timetables, Ph.D. Thesis, ETH Zurich, Zurich.
- Hess, S. (2005) Advanced discrete choice models with application to transport demand, Ph.D. Thesis, Imperial College London, London.
- He, X. (2010) Modeling the traffic flow evolution process after a network disruption, Ph.D. Thesis, University of Minnesota, Minnesota.
- Hoogendoorn-Lanser, S. (2005) Modelling travel behaviour in multi-modal networks, Ph.D. Thesis, Technical University Delft, Delft.
- Horni, A. (forthcoming) Destination choice modeling of discretionary activities in transport microsimulations, Ph.D. Thesis, ETH Zurich, Zurich.
- Horni, A. (2013) Destination choice modeling of discretionary activities in transport microsimulations, Ph.D. Thesis, ETH Zurich, Zurich.

Illenberger, J. (2012) Social networks and cooperative travel behaviour, Ph.D. Thesis, Technical University Berlin, Berlin.

Jäggi, B. (2015) Decision modelling on household level for energy, fleet choice and expenditure, Ph.D. Thesis, ETH Zurich, Zurich.

Jakob, M. (2007) Essays in economics of energy efficiency in residential buildings - an empirical analysis, Ph.D. Thesis, ETH Zurich, Zurich.

Joh, C.-H. (2004) Measuring and predicting adaptation in multidimensional activity-travel patterns, Ph.D. Thesis, Technical University Eindhoven, Eindhoven.

Jenelius, E. (2010) Large-scale road network vulnerability analysis, Ph.D. Thesis, Royal Institute of Technology, Stockholm.

Kemper, C. (2006) Dynamische Simulation des Verkehrsablaufs unter Verwendung statistischer Verflechtungsmatrizen, Ph.D. Thesis, Leibnitz University Hannover, Hannover.

Kickhöfer, B. (2014) Economic policy appraisal and heterogeneous users, Ph.D. Thesis, Technical University Berlin, Berlin.

Kickner, S. (1991) Kognition, Einstellung und Verhalten - Eine Untersuchung des individuellen Verkehrsverhaltens in Karlsruhe, Ph.D. Thesis, University of Karlsruhe, Institut für Geographie und Geoökologie.

Killer, V. (2014) Räumliche Modellierung der Pendlerverflechtungen, Ph.D. Thesis, ETH Zurich, Zurich.

Klügl, F. (2000) Aktivitätsbasierte Verhaltensmodellierung und ihre Unterstützung bei Multiagentsimulationen, Ph.D. Thesis, Würzburg.

Kockelman, K. (1998) A Utility-Theory-Consistent System-of-Demand-Equations Approach, Ph.D. Thesis, University of California, Berkeley.

König, A. (2004) Messung und modellierung der zuverlässigkeit des verkehrsangebots – experimente mit schweizer befragten, Ph.D. Thesis, ETH Zurich, Zurich.

Kopp, J. (2015) GPS-gestützte Evaluation des Mobilitätsverhaltens von free-floating CarSharing-Nutzern, Ph.D. Thesis, IVT, ETH Zurich, Zurich.

Kowald, M. (2013) Focusing on leisure travel: the link between spatial mobility, leisure acquaintances and social interactions, Ph.D. Thesis, IVT, ETH Zurich.

Lämmel, G. (2011) Escaping the tsunami: Evacuation strategies for large urban areas. concepts and implementation of a multi-agent based approach, Ph.D. Thesis, Technical University Berlin, Berlin.

LeBlanc, L. J. (1973) Mathematical programming algorithms for large-scale network equili-

brium and network design problems, Ph.D. Thesis, Department of Industrial Engineering and Management Sciences, Northwestern University, Evanston.

Lenntorp, B. (1976) Paths in space-time environments, Ph.D. Thesis, The Royal University of Lund, Department of Geography.

Le Vine, S. (2012) Strategies for personal mobility: A study of consumer acceptance of subscription drive-it-yourself car services, Ph.D. Thesis, Imperial College London, London.

Löchl, M. (2010) Application of spatial analysis methods for understanding geographic variation of prices, Ph.D. Thesis, ETH Zurich.

Lu, M. (2013) RP and SP Data-Based Travel Time Reliability Analysis, Ph.D. Thesis, ETH Zurich, Zurich.

Lu, M. (2013) RP and SP Data-Based Travel Time Reliability Analysis, Ph.D. Thesis, ETH Zurich, Zurich.

Ma, J. (1997) An activity-based and micro-simulated travel forecasting system: A pragmatic synthetic scheduling approach, Ph.D. Thesis, Department of Civil and Environmental Engineering, Pennsylvania State University, University Park.

Märki, F. (2014) An Agent-Based Model for Continuous Activity Planning of Multi-Week Scenarios, Ph.D. Thesis, ETH Zurich, Zurich.

Mahut, M. (2000) A discrete flow model for dynamic network loading, Ph.D. Thesis, Département d'Informatique et de Recherche Opérationnelle, Université de Montréal, Montreal.

Marchal, F. (2001) Contribution to dynamic transportation models, Ph.D. Thesis, University of Cergy-Pontoise, Cergy-Pontoise.

Meister, K. (forthcoming) Contribution to agent-based demand optimization in a multi-agent transport simulation, Ph.D. Thesis, ETH Zurich, Zurich.

Meister, K. (2011) Contribution to agent-based demand optimization in a multi-agent transport simulation, Ph.D. Thesis, ETH Zurich, Zurich.

Menéndez, M. (2006) An Analysis of HOV Lanes: Their Impact on Traffic, Ph.D. Thesis, University of California, Berkeley.

Moll, S. (2012) Kooperative Transportplanung im Schienengüterverkehr: Ansätze, Herausforderungen und Potentiale, Ph.D. Thesis, ETH Zurich, Zurich.

Nagel, K. (1995) High-speed microsimulations of traffic flow, Ph.D. Thesis, University of Cologne, Cologne.

Neumann, A. (2014) A paratransit-inspired evolutionary process for public transit network design, Ph.D. Thesis, Technical University Berlin, Berlin.



- Neumann, A. (2003) Korrekturverfahren für Stichproben von Verkehrsverhaltenserhebungen des Personenfernreiseverkehrs, Ph.D. Thesis, University of Natural Resources and Life Sciences, Vienna, Vienna.
- Nur Arifin, Z. (2012) Route choice modelling based on GPS tracking data: The case of Jakarta, Ph.D. Thesis, ETH Zurich, Zurich.
- Osorio, C. (2010) Mitigating network congestion : analytical models, optimization methods and their applications, Ph.D. Thesis, EPF Lausanne, Lausanne.
- Ordóñez Medina, S. A. (forthcoming) Activity-based multi-agent simulation of urban transport for a week time horizon, Ph.D. Thesis, ETH Zurich, Singapore.
- Ordóñez Medina, S. A. (2017) Activity-based multi-agent simulation of urban transport for a week time horizon, Ph.D. Thesis, ETH Zurich, Singapore.
- Paulußen, U. (1992) Möglichkeiten und Grenzen der monetären Bewertung von projektbedingten Reisezeitersparnissen im nicht-gewerblichen Personenverkehr und deren Berücksichtigung bei der Planung von Verkehrswegen, Ph.D. Thesis, University of Cologne, Cologne.
- Perrone, M. P. (1993) Improving regression estimation: Averaging methods for variance reduction with extensions to general convex measure optimization, Ph.D. Thesis, Brown University, Providence, Rhode Islands.
- Peters, A. (2009) How do people buy fuelefficient cars?, Ph.D. Thesis, University of Zurich, Zurich.
- Pinkofsky, L. (2006) Typisierung von Ganglinien der Verkehrsstärke und ihre Eignung zur Modellierung der Verkehrsnachfrage, Ph.D. Thesis, Technical University Braunschweig, Braunschweig.
- Pohlmann, T. (2010) New approaches for online control of urban traffic signal systems, Ph.D. Thesis, Technical University Braunschweig.
- Raffel, W.-U. (2005) Agentenbasierte Simulation als Verfeinerung der Diskreten-Ereignis-Simulation unter besonderer Berücksichtigung des Beispiels fahrerloser Transportsysteme, Ph.D. Thesis, Free University of Berlin, Berlin.
- Ramming, M. S. (2002) Network knowledge and route choice, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.
- Raney, B. (2005) Learning framework for large-scale multi-agent simulations, Ph.D. Thesis, ETH Zurich, Zurich.
- Rechenberg, I. (1970) Evolutionsstrategie. Optimierung technischer Systeme nach Prinzipien der biologischen Evolution, Ph.D. Thesis, Technical University Berlin, Berlin.
- Rickert, M. (1998) Traffic simulation on distributed memory computers, Ph.D. Thesis, Uni-

versity of Cologne, Cologne.

Rieser, M. (2010) Adding transit to an agent-based transportation simulation, Ph.D. Thesis, Technical University Berlin, Berlin.

de Romph, E. (1994) A dynamic traffic assignment model - theory and application, Ph.D. Thesis, Technical University Delft, Delft.

Schiffmann, F. (2014) Entscheidungsmodell zur Ermittlung einer optimalen Baustelle an Autobahnen aus gesamtwirtschaftlicher Sicht, Ph.D. Thesis, ETH Zurich, Zurich.

Schiller, C. (2004) Integration des ruhenden Verkehrs in die Verkehrsangebots- und Verkehrsnachfragemodellierung, Ph.D. Thesis, Technical University Dresden, Dresden.

Schirmer, P. M. (2015) Classification of the urban morphology for use in residential location choice models, Ph.D. Thesis, ETH Zurich, Zurich.

Schlich, R. (2004) Verhaltenshomogene Gruppen in Längsschnitterhebungen, Ph.D. Thesis, ETH Zurich, Zurich, April 2004.

Schmiedel, R. (1984) Bestimmung verhaltensähnlicher Personenkreise für die Verkehrsplanung, Ph.D. Thesis, University of Karlsruhe, Karlsruhe.

Schönfelder, S. (2006) Urban rhythms: Modelling the rhythms of individual travel behaviour, Ph.D. Thesis, ETH Zurich, Zurich.

Schüssler, N. (forthcoming) Accounting for similarities between alternatives in discrete choice models based on high-resolution observations of transport behaviour, Ph.D. Thesis, ETH Zurich, Zurich.

Schüssler, N. (2010) Accounting for similarities between alternatives in discrete choice models based on high-resolution observations of transport behaviour, Ph.D. Thesis, ETH Zurich, Zurich.

Sen, S. (2006) A joint multiple discrete continuous extreme value (MDCEV) model and multinomial logit model (MNL) for examining vehicle type/vintage, make/model and usage decisions of the household, Ph.D. Thesis, University of Texas, Austin, August 2006.

Sivakumar, A. (2005) Toward a comprehensive, unified, framework for analyzing spatial location choice, Ph.D. Thesis, University of Texas, Austin.

Srinivasan, S. (2004) Modeling household interactions in daily activity generation, Ph.D. Thesis, University of Texas, Austin.

Strippgen, D. (2009) Investigating the technical possibilities of real-time interaction with simulations of mobile intelligent particles, Ph.D. Thesis, Technical University Berlin, Berlin.

van Nes, R. (2003) Design of Multimodal Transport Networks, Ph.D. Thesis, Technical Uni-

versity Delft, Delft.

Vitins, B. J. (2014) Shape grammars for urban network design, Ph.D. Thesis, ETH Zurich, Zurich.

Vrtic, M. (2003) Simultanes Routen- und Verkehrsmittelwahlmodell, Ph.D. Thesis, Technical University Dresden, Dresden.

Walker, J. L. (2001) Extended discrete choice models: Integrated framework, flexible error structures, and latent variables, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.

Waraich, R. A. (2013) Agent-based simulation of electric vehicles: Design and implementation of a framework, Ph.D. Thesis, ETH Zurich, Zurich.

Waraich, R. A. (2013) Agent-based simulation of electric vehicles: Design and implementation of a framework, Ph.D. Thesis, ETH Zurich, Zurich.

Weinmann, S. (2013) Simulation of spatial learning mechanisms, Ph.D. Thesis, ETH Zurich, Zurich.

Weis, C. (2012) Activity oriented modelling of short- and long-term dynamics of travel behaviour, Ph.D. Thesis, ETH Zurich, Zurich.

Wiedemann, R. (1974) Simulation des Verkehrsflusses, Ph.D. Thesis, University of Karlsruhe, Karlsruhe.

Wolf, J. (2000) Using GPS data loggers to replace travel diaries in the collection of travel data, Ph.D. Thesis, Georgia Institute of Technology, Atlanta.

Yang, Q. (1997) A simulation laboratory for evaluation of dynamic traffic management systems, Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge.

Zhuge, C. (2014) Dynamic evolution mechanism of urban transport-land use based on self-organizing theory, Ph.D. Thesis, Beijing Jiaotong University, Beijing.

Zöllig Renner, C. (2014) The role of real estate developers in the context of land use development and transport, Ph.D. Thesis, ETH Zurich, Zurich.

Zumkeller, D. (1989) Ein sozialökologisches Verkehrsmodell zur Simulation von Maßnahmewirkungen, Ph.D. Thesis, Technical University Braunschweig, Institute of Transportation and Urban Engineering (IVS), Braunschweig.

Zurlinden, H. (2003) Ganzjahresanalyse des Verkehrsflusses auf Straßen, Ph.D. Thesis, Ruhr University Bochum, Bochum.

TECHREPORT-AUTHOR (0000) TITLE, *TYPE*, **number**, INSTITUTION, address, month 0000.

TECHREPORT-AUTHOR (0001) A tech-report with all information, *Working Paper*, **561**, Swiss Federal Office for Spatial Development (ARE) and Swiss Federal Statistical Office (BFS), Zurich, January 0001.

TECHREPORT-AUTHOR (0001) Minimal version of a tech-report, *Technical Report*, Swiss Federal Office for Spatial Development (ARE) and Swiss Federal Statistical Office (BFS).

TECHREPORT-AUTHOR (forthcoming) A forthcoming tech-report, *Working Paper*, Swiss Federal Office for Spatial Development (ARE) and Swiss Federal Statistical Office (BFS), Zurich.

Abedin, Z. U. and R. A. Waraich (2013) Modelling Inductive Charging of Battery Electric Vehicles using an Agent-Based Approach, *Arbeitsberichte Verkehrs- und Raumplanung*, **899**, IVT, ETH Zurich, Zurich.

Achtnicht, M. (2009) German car buyers' willingness to pay to reduce CO<sub>2</sub> emissions, *Working Paper*, **09-058**, Center for European Economic Research, Mannheim.

Achtnicht, M. (2010) Do environmental benefits matter? a choice experiment among house owners in germany, *Working Paper*, **10-094**, Center for European Economic Research, Mannheim.

Akcelik, R. (1998) Roundabouts: Capacity and performance analysis, *Research Report*, **321**, Australian Road Research Board.

Akcelik, R. (1981) Traffic signals capacity and timing analysis, *Research Report*, **123**, Australian Road Research Board.

Alam, S. and A. McNabola (2012) Peacock – door to door emissions models, *Deliverable*, **D3.1**, PEACOX project, Trinity College Dublin, Dublin.

Ammoser, H. and M. Hoppe (2006) Glossar Verkehrswesen und Verkehrswissenschaften, *Schriftenreihe: Diskussionsbeiträge aus dem Institut für Wirtschaft und Verkehr*, **2**, Institut für Wirtschaft und Verkehr, Dresden.

Anas, A. and T. Hiramatsu (2011) The Economics of Cordon Tolling: General Equilibrium and Welfare Analysis, *Working Paper*, State University of New York at Buffalo, Amherst.

Anda, C., P. J. Fourie and A. L. Erath (2016) Transport modelling in the age of big data, *Working Paper*, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

Aptus, E. (2010) Beschleunigung der Gleichgewichtssuche in agentenbasierten Systemen, *Semester Project*, IVT, ETH Zurich, Zurich.

ARE and BfS (2001) Mobilität in der Schweiz, Ergebnisse des Mikrozensus 2000 zum Verkehrsverhalten, *Research Report*, **6/91**, Swiss Federal Office for Spatial Development (ARE) and Swiss Federal Statistical Office (BFS), Berne.

Bundesamt für Raumentwicklung ARE (2011) ÖV-Güteklassen - Berechnungsmethodik ARE Grundlagenberichten, *Technical Report*, Swiss Federal Office for Spatial Development (ARE), Berne.

Arentze, T. A., M. Kowald and K. W. Axhausen (2011) A method to model population-wide social networks for large scale activity-travel micro-simulation, *Working Paper*, **698**, IVT, ETH Zurich, Zurich.

Armoogum, J., J.-P. Hubert, D. Francois, B. Roumier, M. Robin and S. Roux (2008) Enquête nationale transport et déplacements 2007-2008, *Technical Report*, IFSTTAR, Paris.

Arnott, R. and E. Inci (2005) An Integrated Model of Downtown Parking and Traffic Congestion, *Working Paper*, **11118**, National Bureau of Economic Research, Cambridge, February 2005.

Artukovic, M., B. Abunaim, L. Montini, E. Bothos, T. Tvrzsky and A. McNabola (2013) Peacock – server and client implementation, *Deliverable*, **D6.2**, PEACOX project, Fluidtime Data Services GmbH, Vienna.

Axhausen, K. W. (2000) Activity-based modelling: Research directions and possibilities, *Working Paper*, **48**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (2015) Kommentar SN 640003 Verkehrserhebungen: Methoden der Verkehrsbefragungen – Schlussbericht VSS 2009/103, *Arbeitsberichte Verkehrs- und Raumplanung*, **1064**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (2016) Style guide for student dissertations, *Arbeitsberichte Verkehrs- und Raumplanung*, **1140**, IVT, ETH Zurich, Zurich.

Axhausen, K. W., B. Schmid and C. Weis (2015) Predicting response rates updated, *Arbeitsberichte Verkehrs- und Raumplanung*, **1063**, IVT, ETH Zurich, Zurich.

Axhausen, K. W., M. Chikaraishi and H. Seya (2015) Parking – Learning from Japan, *Arbeitsberichte Verkehrs- und Raumplanung*, **1095**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (1990) Judging the day: A synthesis of the literature on measuring the utility of activity patterns, *Working Paper*, **561**, Transport Studies Unit, University of Oxford, Oxford.

Axhausen, K. W. and M. Youssefzadeh (1999) MEST - Methods for European Surveys of Travel Behaviour, *Final Report*, University of Innsbruck, Innsbruck.

Axhausen, K. W. (2013) SwissMetro, *Travel Survey Metadata Series*, **42**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (2013) Univox 1999 – Fahrerlaubnisse, PW's und Abos: Die Dynamik von Erwerb und Nutzung, *Travel Survey Metadata Series*, **33**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (2013) Univox 2001 – Der Verkehrsmarkt im Gleichgewicht?, *Travel Survey*

*Metadata Series*, **34**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. and N. Schüssler (2007) Similarity, visibility and similar concepts: A note, *Working Paper*, **458**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. and C. Weis (2009) Predicting response rate: A natural experiment, *Working Paper*, **549**, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (1989) Eine ereignisorientierte Simulation von Aktivitätenketten zur Parkstandswahl (A Simultaneous Simulation of Activity Chains), *Schriftenreihe*, **40**, Institut für Verkehrswesen, University of Karlsruhe, Karlsruhe.

Axhausen, K. W. (2016) Style guide for student dissertations, *Working Paper*, **1140**, IVT, ETH Zurich, Zurich.

Baass, K. (1985) Ermittlung eines optimalen Grünbandes auf Hauptverkehrsstrassen, *Schriftenreihe*, **31**, Institut für Verkehrswesen, University of Karlsruhe, Karlsruhe.

Balac, M. and K. W. Axhausen (2016) Activity rescheduling within a multi-agent transport simulation framework (MATSim), *Arbeitsberichte Verkehrs- und Raumplanung*, **1180**, IVT, ETH Zurich, Zurich.

Balac, M., F. Ciari, C. Genre-Grandpierre, F. Voituret, S. Gueye and P. Michelon (2013) Decoupling accessibility and automobile mobility in urban areas, *Arbeitsberichte Verkehrs- und Raumplanung*, **938**, IVT, ETH Zurich, Zurich.

Balac, M., F. Ciari and K. W. Axhausen (2014) Carsharing demand estimation: Case study of Zurich area, *Arbeitsberichte Verkehrs- und Raumplanung*, **1020**, IVT, ETH Zurich, Zurich.

Balac, M., F. Ciari and K. W. Axhausen (2015) Evaluating the influence of parking space on the quality of service and the demand for one-way carsharing: a Zurich area case study, *Arbeitsberichte Verkehrs- und Raumplanung*, **1091**, IVT, ETH Zurich, Zurich.

Balmer, M. (2002) Morphing topologies using roadside oriented driver simulation: Microsimulation of “Central” traffic junction of Zurich, *Semester Project*, ICoS, ETH Zurich, Zurich.

Balmer, M. (2002) Einführung in die Komplexität bei probabilistischen k-SAT Algorithmen, *Semester Project*, Institute for Behavioral Sciences and Institute of Theoretical Computer Science, ETH Zurich, Zurich.

Balmer, M. (2007) IVT BibTeX-LaTeX workshop, *Working Paper*, IVT, ETH Zurich, Zurich.

Balmer, M. and M. Rieser (2004) Generating daily activity chains from origin-destination matrices, *Working Paper*, **243**, IVT, ETH Zurich, Zurich.

Balmer, M., K. Meister, M. Rieser, K. Nagel and K. W. Axhausen (2008) Agent-based simulation of travel demand: Structure and computational performance of MATSim-T, *Working Paper*, **504**, IVT, ETH Zurich, Zurich, June 2008.

Barthélemy, J. and P. L. Toint (2010) Synthetic population generation in presence of data inconsistencies, *Technical Report*, **NAXYS-12-2010**, Groupe de Recherche sur les Transports, Centre Namurois des Systèmes Complexes (NAXYS), Facultés Universitaires Notre-Dame de la Paix, Namur.

Bates, J. J., C. Davies, P. B. Goodwin, F. Kenny, A. Parkes and J. Richardson (1990) Uncertainty and driver stress, report to the department of transport, *Working Paper*, Transport Studies Unit, University of Oxford.

Bates, J. and G. Whelan (2001) Size and sign of time savings, *Working Paper*, University of Leeds, Institute for Transport Studies, Leeds.

Batsell, R. R. (1981) A multiattribute extension of the luce model which simultaneously scales utility and substitutability, *Working Paper*, Jesse H. Jones Graduate School of Management, Rice University, Houston, Douglas.

Statistics Zurich City (2010) Bau- und Wohnungswesen (Jahrbuch 2010 Kapitel 9) , *Technical Report*, Statistics Zurich City, Zurich.

Federal Institute for Research on Building, Urban Affairs and Spatial Development (BBSR) (2012) Raumordnungsbericht 2011, *Technical Report*, Federal Institute for Research on Building, Urban Affairs and Spatial Development (BBSR), Bonn.

Becker, F. and K. W. Axhausen (2016) Literature review on behavioral experiments for autonomous vehicles, *Arbeitsberichte Verkehrs- und Raumplanung*, **1179**, IVT, ETH Zurich, Zurich.

Beck, M. J., M. Ojeda Cabral, I. Ehreke and S. Hess (2015) Valuing Travel Time Savings: A Case of Short-term or Long-term Choices?, *Arbeitsberichte Verkehrs- und Raumplanung*, **1096**, IVT, ETH Zurich, Zurich.

Becker, U., R. Gerike and A. Völlings (1999) Gesellschaftliche Ziele von und für Verkehr, *Schriftenreihe*, **1**, Dresdner Instituts für Verkehr und Umwelt e.V (DIVU), Dresden.

Becker, H., F. Ciari and K. W. Axhausen (2015) Comparing Car-Sharing Schemes in Switzerland: User Groups and Usage Patterns, *Arbeitsberichte Verkehrs- und Raumplanung*, **1092**, IVT, ETH Zurich, Zurich.

Beckmann, K. J., U. Brüggemann, J. Gräffe, F. Huber, H. Meiners, P. Mieth, R. Moeckel, H. Mühlhans, G. Rindsfüser, H. Schaub, R. Schrader, C. Schürmann, B. Schwarze, K. Spiekermann, D. Strauch, M. Spahn, P. Wagner and M. Wegener (2007) Ilumass: Integrated land use modelling and transportation system simulation, *Final Report*, Technical University Dortmund, Institute of Spatial Planning and Spiekermann & Wegener Stadt und Regionalforschung and University of Cologne, Centre for Applied Sciences and RWTH Aachen, Institut für Stadtbauwesen und Strassenverkehr (ISB) and University of Bamberg, Insitute for Theoretical Psychology and German Aerospace Center (DLR), German Aerospace Centre, Institute of Transport Research and University of Wuppertal, LUIS – Lehr- und Forschungsgebiet Umweltverträgliche Infrastrukturplanung, Berlin.

Beige, S. and K. W. Axhausen (2005) Feldbericht der Befragung zur langfristigen räumlichen Mobilität, *Working Paper*, **315**, IVT, ETH Zurich, Zurich.

Beige, S. (2013) Long-term and mid-term mobility during the life course, *Travel Survey Metadata Series*, **28**, IVT, ETH Zurich, Zurich.

Beige, S. and K. W. Axhausen (2013) Univox 2003 – Besitz von Mobilitätsressourcen und deren Nutzung sowie Änderungen des Wohnortes, *Travel Survey Metadata Series*, **35**, IVT, ETH Zurich, Zurich.

Beige, S. and K. W. Axhausen (2013) Univox 2003 – Vertiefte Auswertungen zur langfristigen räumlichen Mobilität, *Travel Survey Metadata Series*, **36**, IVT, ETH Zurich, Zurich.

Beige, S. and K. W. Axhausen (2013) Univox 2005 – Besitz und Nutzung von Mobilitätsressourcen sowie Einstellungen zum Road Pricing in der Schweiz, *Travel Survey Metadata Series*, **37**, IVT, ETH Zurich, Zurich.

Ben-Akiva, M. E. (1974) Note on the specification of a logit model with utility functions that include attributes of competing alternatives, *Working Paper*, Department of Civil and Environmental Engineering, Massachusetts Institute of Technology, Cambridge.

Ben-Akiva, M. E. and D. Bolduc (1996) Multinomial probit with a logit kernel and a general parametric specification of the covariance structure, *Working Paper*, Department of Civil and Environmental Engineering, Massachusetts Institute of Technology, Cambridge.

Dienst für Gesamtverkehrsfragen (GS EVED) and Swiss Federal Statistical Office (BFS) (1996) Verkehrsverhalten in der Schweiz 1994: Mikrozensus Verkehr 1994, *Research Report*, Dienst für Gesamtverkehrsfragen (GS EVED) and Swiss Federal Statistical Office (BFS), Berne.

Swiss Federal Statistical Office (BFS) (2009) Statistik des jährlichen Bevölkerungsstandes (ESPOP) und der natürlichen Bevölkerungsbewegung (BEVNAT) 2008, *Technical Report*, Swiss Federal Statistical Office (BFS), Neuchatel.

Swiss Federal Statistical Office (BFS) (2010) Szenarien zur Bevölkerungsentwicklung der Schweiz, *Technical Report*, Swiss Federal Statistical Office (BFS), Neuchatel.

Bhat, C. R. and N. Eluru (2008) Procedure to generate uniform random variates from each copula, *Working Paper*, Department of Civil, Architectural and Environmental Engineering, University of Texas Austin, Austin, June 2008.

Bhat, C. R., S. L. Handy, K. Kockelman, H. S. Mahmassani, A. Gopal, I. M. Srour and L. Weston (2002) Development of an Urban Accessibility Index: Formulations, Aggregation, and Application, *Working Paper*, **Report 7-4938-4**, University of Texas Austin, Austin, October 2002.

BMVI (2016) Bundesverkehrswegeplan 2030 - Gesamtplan August 2016, *Final Report*, Fe-



deral Ministry of Transport and Digital Infrastructure (BMVI), Berlin, August 2016.

PTV, PTV Transport Consult, TCI Röhling and Hans-Ulrich Mann (2016) Methodenhandbuch zum Bundesverkehrswegeplan 2030 - Entwurfsfassung für das Bundesministerium für Verkehr und digitale Infrastruktur, *Preliminary Paper*, Federal Ministry of Transport and Digital Infrastructure (BMVI), Berlin, March 2016.

BMVI (2016) Bundesverkehrswegeplan 2030 - Entwurf März 2016, *Preliminary Paper*, Federal Ministry of Transport and Digital Infrastructure (BMVI), Berlin, March 2016.

BMVBS (2003) Bundesverkehrswegeplan 2003, *Final Report*, Federal Minister for Transport, Building and Urban Development (BMVBS), Berlin, July 2003.

Börjesson, M. and J. Eliasson (2012) Experiences from the swedish value of time study, *Working Paper*, **2012:8**, Royal Institute of Technology, Centre for Transport Studies, Stockholm.

Carrion-Madera, C. and D. Levinson (2010) Value of travel time reliability: A review of current evidence, *Working Paper*, **85**, University of Minnesota and Networks, Economics, and Urban Systems (NEXUS) research group, Minneapolis.

Fowkes, A. S., P. Marks and C. A. Nash (1986) The value of business travel time savings, *Working Paper*, **214**, University of Leeds, Institute for Transport Studies, Leeds.

Grossmann, M. (1991) Aktualisiertes Berechnungsverfahren für Knotenpunkte ohne Lichtsignalanlagen, *Schriftenreihe*, **Heft 596**, Federal Minister for Transport, Bonn.

Biding, T. and G. Lind (2002) Intelligent Stöd för Anpassning av hastighet (ISA), Resultat av storskalig försöksverksamhet i Borlänge, Lidköping, lund och Umea under perioden 1999–2002, *Research Report*, Vägverket, Borlaenge.

Bieger, T. and C. Lässer (2008) Travel market Switzerland 2007, *Research Report*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Bierlaire, M. and E. Frejinger (2007) Technical note: A stochastic choice set generation algorithm, *Working Paper*, **070213**, TRANSP-OR, EPF Lausanne, Lausanne.

Bleisch, A. and P. Fröhlich (2003) Die Erreichbarkeit von Regionen, *Research Report*, IBC Modul Erreichbarkeit Phase 1, BAK Basel Economics, Basel.

Blinde, J. and R. Schlich (2000) Freizeitmobilität und Wohnsituation - Eine empirische Untersuchung zum Einfluss von Wohnsituation und Wohnzufriedenheit auf die Freizeitmobilität junger Menschen, *Working Paper*, **54**, IVT, ETH Zurich, Zurich.

Federal Minister for Transport, Building and Urban Development (BMVBS) (2011) Verkehr in Zahlen 2011/2012.

Bockemühl, F. (2014) MORBAMS - setting up a regional MATSim model, *Technical Report*, Hasselt University, Hasselt.

Bodenmann, B. R. (2005) Modelle zur Standortwahl von Unternehmen, *Working Paper*, **336**, IVT, ETH Zurich, Zurich.

Bodenmann, B. R. (2013) Location choice of firms with special emphasis on spatial accessibility: Enterprise Database SG/AR/AI, *Travel Survey Metadata Series*, **49**, IVT, ETH Zurich, Zurich.

Bodenmann, B. R. and K. W. Axhausen (2010) Synthesis report on the state of the art on firmographics, *Working Paper*, **2.3**, SustainCity project, IVT, ETH Zurich, Zurich.

Bodenmann, B. R., J. W. Bode, B. Sanchez, A. Zeiler, P. Furtak, M. Kuljovský, M. P. Vecchi and K. W. Axhausen (2015) An Integrated Land Use Model for Switzerland - Detailed Description of the FaLC Template 2015, *FaLC Working Paper*, **03**, regioConcept and IVT, Herisau and Zurich.

Böhme, S. and L. Eigenhüller (2006) Pendlerbericht Bayern, *Technical Report*, IAB: Institut für Arbeitsmarkt- und Berufsforschung der Bundesagentur für Arbeit, Nürnberg.

Bösch, P. M., F. Ciari and A. Perrels (2014) Overview of system responsiveness to climate change impacts in energy, transport and tourist sectors, *ToPDAd Deliverable*, **2.3**, ToPDAd Consortium Partners, S.I.

Bösch, P. M., F. Ciari and K. W. Axhausen (2015) Required autonomous vehicle fleet sizes to serve different levels of demand, *Arbeitsberichte Verkehrs- und Raumplanung*, **1089**, IVT, ETH Zurich, Zurich.

Bowman, J. L., D. Gopinath and M. E. Ben-Akiva (2002) Estimating the probability distribution of a travel demand forecast, *Working Paper*, Transportation Systems and Decision Sciences Bowman Research and Consulting, Brookline, MA.

Breitenstein, C., D. Joye, M. Graf, C. Joye and R. Kaufmann (2000) Public Use Samples (PUS): Public-Use-Stichproben der schweizerischen Volkszählungen 1970, 1980, 1990 und 2000, *Technical Report*, Swiss Federal Statistical Office (BFS), Berne. [http://www.portal-stat.admin.ch/pus/docs/PUS\\_2\\_d.pdf](http://www.portal-stat.admin.ch/pus/docs/PUS_2_d.pdf), accessed on 29/03/2011.

Brilon, W. and J. Geistefeldt (2007) Modellierung von Dauerlinien und Ganglinien der Verkehrsnachfrage im Autobahnnetz, Schlussbericht, *Technical Report*, Deutsche Forschungsgemeinschaft, Bochum.

Bürge, M. and M. Löchl (2013) ZUK – residential location choice, *Travel Survey Metadata Series*, **30**, IVT, ETH Zurich, Zurich.

Bürge, M. (2007) Synthese von Haushaltsdaten für den Kanton Zürich, *Working Paper*, **9**, IVT, NSL-Network City and Landscape, Polyprojekt Zukunft urbane Kulturlandschaften, Zurich.

Construction Transport and Energy Department Canton Bern (2008) ZMB Bern Gesamtsyn-

these, *Working Paper*, Construction Transport and Energy Department Canton Bern, Berne.

BVU and TNS Infratest (2014) FE96.1002/2012: Entwicklung eines Modells zur Berechnung von modalen Verlagerungen im Güterverkehr für die Ableitung konsistenter Bewertungsansätze für die Bundesverkehrswegeplanung, *Preliminary Paper*, Federal Ministry of Transport and Digital Infrastructure (BMVI), Berlin.

Cambridge Systematics Inc. (2013) Processing of California Household Travel Survey Data for Model Calibration and Validation, *Technical Report*, California High Speed Rail Authority, Los Angeles.

Cao, J., M. Menéndez and V. Nikias (2014) The Effects of On-street Parking on the Service Rate of Nearby Intersections, *SVT Working Paper*, **62**, IVT, ETH Zurich, Zurich.

Cao, J. and M. Menéndez (2014) Generalized effects of on-street parking maneuvers on the performance of nearby signalized intersections, *SVT Working Paper*, **73**, IVT, ETH Zurich, Zurich.

Cao, J. and M. Menéndez (2014) A parking-state-based transition matrix of traffic on urban networks, *SVT Working Paper*, **74**, IVT, ETH Zurich, Zurich.

Cao, J. and M. Menéndez (2015) Cruising for parking: causes, effects, and control strategies, *SVT Working Paper*, **103**, IVT, ETH Zurich, Zurich.

Casati, D., K. Müller, P. J. Fourie, A. L. Erath and K. W. Axhausen (2014) Synthetic population generation by combining a hierarchical, simulation-based approach with reweighting by generalized raking, *Arbeitsberichte Verkehrs- und Raumplanung*, **1016**, IVT, ETH Zurich, Zurich.

Cascetta, E., F. Pagliara and K. W. Axhausen (2007) Dominance attributes for alternatives' perception in choice set formation, *Working Paper*, **371**, IVT, ETH Zurich, Zurich.

TRB (2007) Metropolitan travel forecasting: Current practice and future direction, *Special Report*, Committee for Determination of the State of Practice in Metropolitan Area Travel Forecasting, Transportation Research Board, Washington, D.C.

CFT (2006) The fuel tax and alternatives for transportation funding, *Technical Report*, Committee for the Study of Long-Term Viability of Fuel Taxes for Transportation Finance, Transportation Research Board, Washington, D.C.

Chakirov, A. and A. L. Erath (2011) Use of public transport smart card fare payment data for travel behaviour analysis in Singapore, *Working Paper*, **3**, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

Chakirov, A. and P. J. Fourie (2014) Enriched Sioux Falls Scenario with Dynamic and Disaggregate Demand, *Working Paper*, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

- Chalasani, V. S. and K. W. Axhausen (2004) Mobidrive: a six weeks travel diary, *Travel Survey Metadata Series*, **2**, IVT, ETH Zurich, Zurich.
- Charypar, D. (2014) PISim: A Parallelization Framework for Interaction Simulations, *Arbeitsberichte Verkehrs- und Raumplanung*, **985**, IVT, ETH Zurich, Zurich.
- Charypar, D., A. Horni and K. W. Axhausen (2010) Pushing the limits: A concept of a parallel microsimulation framework, *Working Paper*, **640**, IVT, ETH Zurich, Zurich.
- Chaumet, R., K. W. Axhausen, M. Bernard, F. Bruns, P. Locher and D. Imhoff (2006) Verfahren zur Berücksichtigung der Zuverlässigkeit in Evaluationen, *Research Report*, **2002/002**, Swiss Association of Transportation Engineers and Experts (SVI), Zurich.
- Chikaraishi, M., J. Zhang, A. Fujiwara and K. W. Axhausen (2009) Exploring variation properties of time use behavior based on a Multilevel Multiple Discrete-Continuous Extreme Value model, *Working Paper*, **571**, IVT, ETH Zurich, Zurich.
- Chiu, Y.-C., J. Bottom, M. Mahut, A. Paz, R. Balakrishna, S. T. Waller and J. Hicks (2010) A primer for Dynamic Traffic Assignment, *Technical Report*, ADB30 Transportation Network Modeling Committee, Transportation Research Board, Washington, D.C.
- Ciari, F. (2013) Frequency distribution of daily travel distances: a study based on Swiss and German data, *Arbeitsberichte Verkehrs- und Raumplanung*, **854**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2012) Carpooling in Switzerland: Public attitudes and growth strategies, *Arbeitsberichte Verkehrs- und Raumplanung*, **803**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2012) Carsharing membership: A model for Switzerland, *Arbeitsberichte Verkehrs- und Raumplanung*, **742**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2011) Choosing carpooling or car sharing as a mode: Swiss stated choice experiments, *Working Paper*, **694**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2011) Modeling location decisions of retailers with an agent-based approach, *Arbeitsberichte Verkehrs- und Raumplanung*, **671**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2013) Carpooling Stated Preference (SP), *Travel Survey Metadata Series*, **46**, IVT, ETH Zurich, Zurich.
- Ciari, F. and K. W. Axhausen (2013) Carsharing Stated Preference (SP), *Travel Survey Metadata Series*, **47**, IVT, ETH Zurich, Zurich.
- Ciari, F., B. Bock and M. Balmer (2013) Modeling station-based and free-floating carsharing demand: a test case study for Berlin, Germany, *Arbeitsberichte Verkehrs- und Raumplanung*, **935**, IVT, ETH Zurich, Zurich.
- Ciari, F., M. Balac and M. Balmer (2014) Modeling the effect of different pricing schemes on free-floating carsharing travel demand: test case study for Zurich, Switzerland, *Arbeitsberichte*

*Verkehrs- und Raumplanung*, **979**, IVT, ETH Zurich, Zurich.

Ciari, F., M. Balac and K. W. Axhausen (2015) Modeling carsharing with the agent-based simulation MATSim: state of the art, applications and future developments, *Arbeitsberichte Verkehrs- und Raumplanung*, **1090**, IVT, ETH Zurich, Zurich.

Ciari, F. and C. Weis (2013) Carsharing membership in Switzerland: modeling the influence of socio-demographics and accessibility, *Arbeitsberichte Verkehrs- und Raumplanung*, **886**, IVT, ETH Zurich, Zurich.

Colome, R. and D. Serra (2000) Supermarket key attributes and location decisions: A comparative study between British and Spanish consumers, *Economic and Business Working Paper*, **469**, Pompeu Fabra University, Barcelona.

Contardo, C., C. Morency and L.-M. Rousseau (2012) Balancing a dynamic public bike-sharing system, *Working Paper*, Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT), Montreal, March 2012.

Conti, J. and G. E. Sweetnam (2008) Emissions of greenhouse gases in the United States 2007, *Technical Report*, Energy Information Administration (EIA), U.S. Department of Energy, Washington, D.C., December 2008.

Datta, S. and K. Sudhir (2011) Sleeping with the : The agglomeration-differentiation tradeoff in spatial location choice, *Working Paper*, Yale School of Management, Yale University, New Haven.

Datye, S. S. (2012) Variability analysis of transport microsimulations with MATSim, *Term Report*, IVT, ETH Zurich.

Davidson, R. (1997) An urban earthquake disaster risk index, *Working Paper*, **121**, The John A. Blume Earthquake Engineering Center, Stanford University, Stanford.

Del Rosario, B. T. (2011) Effects of tropical depression (shanshan), *Technical Report*, **Update Sitrep No. 13 re**, NDRRMC, Quezon City.

de Jong, R. and W. Mensonides (2003) Wearable GPS device as a data collection method for travel research, *Working Paper*, **ITS-WP-03-02**, Institute of Transport Studies, University of Sydney, Sydney.

Department for Transport (2015) Understanding and valuing impacts of transport investment: Values of travel time savings., *Technical Report*, Department for Transport, London.

Dessementet, P. (2013) Changes in employment localization and accessibility: The case of Switzerland between 1939 and 2008 - Harmonization of Data, *Travel Survey Metadata Series*, **53**, IVT, ETH Zurich, Zurich.

Dessementet, P. (2013) Changes in employment localization and accessibility: The case of Switzerland between 1939 and 2008 - Original Data, *Travel Survey Metadata Series*, **51**, IVT,

ETH Zurich, Zurich.

Dessemond, P. (2013) Changes in employment localization and accessibility: The case of Switzerland between 1939 and 2008 - Recomposed Data, *Travel Survey Metadata Series*, **52**, IVT, ETH Zurich, Zurich.

Diekmann, A. (2002) Diagnose von Fehlerquellen und methodische Qualität in der sozialwissenschaftlichen Umfrageforschung, *Working Paper*, **ITA-02-04**, Austrian Academy of Sciences, Vienna.

Dobler, C. (2009) Implementations of within day replanning in MATSim-T, *Working Paper*, **598**, IVT, ETH Zurich, Zurich.

Dobler, C. and K. W. Axhausen (2011) Evakuierung Schweizer Städte: Agenten-basierte Analyse - Zwischenbericht, *Working Paper*, **659**, IVT, ETH Zurich, Zurich.

Dobler, C. and K. W. Axhausen (2011) Design and implementation of a parallel queue-based traffic flow simulation, *Working Paper*, **732**, IVT, ETH Zurich, Zurich.

Dobler, C. and K. W. Axhausen (forthcoming) Design and implementation of a parallel queue-based traffic flow simulation, *Working Paper*, IVT, ETH Zurich, Zurich.

Dobler, C., A. Horni and K. W. Axhausen (2014) Integration of activity-based and agent-based models: Recent developments for Tel Aviv, Israel, *Arbeitsberichte Verkehrs- und Raumplanung*, **1027**, IVT, ETH Zurich, Zurich.

Dobler, C. and A. Horni (2014) Update and Extension of the MATSim Model of Tel Aviv, *Arbeitsberichte Verkehrs- und Raumplanung*, **1003**, IVT, ETH Zurich, Zurich.

Dubernet, T. and K. W. Axhausen (2014) A multiagent simulation framework for evaluating bike redistribution systems in bike sharing schemes, *Arbeitsberichte Verkehrs- und Raumplanung*, **1010**, IVT, ETH Zurich, Zurich.

Dubernet, T., N. Rieser-Schüssler and K. W. Axhausen (2012) Using a multi-agent simulation tool to estimate the car-pooling potential, *Arbeitsberichte Verkehrs- und Raumplanung*, **799**, IVT, ETH Zurich, Zurich.

Ecola, L. and T. Light (2009) Equity and Congestion Pricing: A Review of the Evidence, *Technical Report*, **TR680**, RAND Corporation, Santa Monica.

Ecoplan and Metron (2005) Kosten-Nutzen-Analysen im Straßenverkehr, Kommentar zur VSS- Grundnorm, *Schriftenreihe*, Swiss Association of Road and Transport Professionals (VSS), Berne.

Edelhoff, T., H. Schilling, M. Balmer and R. H. Möhring (2007) Optimal route assignment in large scale micro-simulations, *Working Paper*, **409**, IVT, ETH Zurich, Zurich.

Eggenberger, M. (2001) Mobilitätsverhalten: Einkaufs- und Freizeitverkehr - Glattal, *Techni-*

*cal Report*, **80**, RZU - Regionalplanung Zürich und Umgebung, Zurich.

Ehreke, I., B. Jäggi and K. W. Axhausen (2014) Greening Household Behaviour and Transport, *OECD Environment Working Paper*, **77**, OECD, Paris.

Ehreke, I., S. Hess, C. Weis and K. W. Axhausen (2014) Reliability in the German value of time study, *Arbeitsberichte Verkehrs- und Raumplanung*, **1015**, IVT, ETH Zurich, Zurich.

Ehreke, I., R. Crastes dit Sourd, M. J. Beck, S. Hess, K. W. Axhausen, C. Holz-Rau and J. Scheiner (2015) A dynamic approach to long term mobility decisions in the life course, *Arbeitsberichte Verkehrs- und Raumplanung*, **1088**, IVT, ETH Zurich, Zurich.

Ehreke, I. (2016) Zum Umgang mit kleinen Zeitgewinnen im nichtgewerblichen Personenverkehr, *Arbeitsberichte Verkehrs- und Raumplanung*, **1145**, IVT, ETH Zurich, Zurich.

Erath, A. L., J. Birdsall, K. W. Axhausen and R. Hajdin (2008) Vulnerability assessment of the swiss road network, *Research Report*, IVT, ETH Zurich, IVT, ETH Zurich, Zurich.

Erath, A. L. and K. W. Axhausen (2009) A new approach to evaluate long term user reactions to changes in transport costs, *Working Paper*, **572**, IVT, ETH Zurich, Zurich, July 2009.

Erath, A. L. and K. W. Axhausen (forthcoming) Elasticities of mobility tool ownership, *Working Paper*, IVT, ETH Zurich, Zurich.

Erath, A. L. and K. W. Axhausen (2013) Long term fuel price elasticity: Effect of price changes on mobility tool ownership, *Travel Survey Metadata Series*, **50**, IVT, ETH Zurich, Zurich.

Erath, A. L., A. Chakirov, P. J. Fourie, S. A. Ordóñez Medina, M. Shah, M. A. B. van Eggermond and K. W. Axhausen (2012) A large-scale agent-based transport travel demand model for Singapore: The implementation of MATSim, *Working Paper*, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

ETH Zurich and EiABC (2014) ETH–EiABC Student Workshop, *Final Report*, ETH Zurich, Ethiopian Institute of Architecture, Building Construction and City Development, Zurich, Addis Ababa.

ETH Zurich and Singapore–ETH Centre (2013) Future cities – network and grammars, *Final Report*, ETH Zurich, Singapore-ETH Centre (SEC), Zurich.

Weckström-Eno, K. (1999) Long distance passenger travel, *Final Report*, European Commission and Eurostat, Luxembourg.

Feil, M., M. Balmer and K. W. Axhausen (2009) New approaches to generating comprehensive all-day activity-travel schedules, *Research Report*, **575**, IVT, ETH Zurich, Zurich.

Fellendorf, M., T. Haupt, U. Heidl and W. Scherr (2000) VISEM - an activity chain based traffic demand model, *Technical Report*, PTV, Karlsruhe.

Feng, Y., D. Fullerton and L. P. Gan (2005) Vehicle choices, miles driven and pollution policies, *Working Paper*, **11553**, National Bureau of Economic Research, Washington, D.C.

FGSV (2012) Empfehlungen für Verkehrserhebungen: Kapitel 7, *Norm*, Forschungsgesellschaft für Straßen- und Verkehrswesen, Berlin.

FGSV (2008) Richtlinien für die Anlage von Autobahnen, *Norm*, **202**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

FGSV (2001) Richtlinien für die Anlage von Strassen - Knotenpunkte, *Norm*, **297**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

FGSV (1996) Richtlinien für die Anlage von Strasse - Querschnitt, *Norm*, **295**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

FGSV (2007) Richtlinien für die Anlage von Stadtstrassen, *Norm*, **200**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

FGSV (2008) Richtlinien für integrierte Netzgestaltung, *Norm*, **121**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

FGSV (2010) Richtlinien für Lichtsignalanlagen, *Norm*, **321**, Forschungsgesellschaft für Straßen- und Verkehrswesen, Cologne.

Filliger, P. (2009) Emissionen nach CO<sub>2</sub>-Gesetz und Kyoto-Protokoll, *Technical Report*, Federal Office for the Environment (FOEN), Berne, June 2009.

Flamm, M., C. Jemelin and V. Kaufmann (2008) Travel behaviour adaptation processes during life course transitions, *Technical Report*, **2008-016**, Laboratory for Urban Sociology, EPF Lausanne, Lausanne.

Flötteröd, G., M. Bierlaire and K. Nagel (2008) Bayesian calibration of dynamic traffic simulations, *Technical Report*, **081028**, TRANSP-OR, EPF Lausanne, Lausanne.

Follmer, R., U. Kunert, J. Kloas and H. Kuhfeld (2004) Mobilität in Deutschland – Ergebnisbericht, *Technical Report*, infas/DIW.

Fosgerau, M., K. Hjorth, C. Brems and D. Fukuda (2008) Travel time variability: Definition and valuation, *Technical Report*, Technical University of Denmark, Copenhagen.

Fosgerau, M. and K. van Dender (2010) Road pricing with complications, *Working Paper*, **2010-2**, DTU Transport, Denmark, Centre for Transport Studies, Sweden, OECD/ITF Joint Transport Research Centre.

Fourie, P. J. (2014) Reconstructing bus vehicle trajectories from transit smart-card data, *Working Paper*, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

Fourie, P. J., J. Illenberger and K. Nagel (2012) Using mental simulation to improve the agent



learning rate of large-scale multi-agent transport simulations, *Arbeitsberichte Verkehrs- und Raumplanung*, **793**, IVT, ETH Zurich, Zurich.

Fox, D., A. J. Daly and H. Gunn (2003) Review of RAND europe's transport demand model systems, *Technical Report*, RAND Europe, Santa Monica.

Fox, E. J., S. Postrel and A. McLaughlin (2007) The impact of retail location on retailer revenues: An empirical investigation, *Working Paper*, Cox School of Business, Southern Methodist University, Dallas.

Frei, A. (2013) KITE – A Knowledge Base for Intermodal Passenger Travel in Europe, *Travel Survey Metadata Series*, **31**, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2007) Size and structure of social network geographies, *Working Paper*, **444**, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2009) Modelling the frequency of contacts in a shrunken world, *Working Paper*, **532**, IVT, ETH Zurich, Zurich.

Frei, A., T. Kuhnimhof and K. W. Axhausen (2009) Long distance travel in Europe today: Experiences with a new survey, *Working Paper*, **569**, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2011) Collective location choice model, *Working Paper*, **686**, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2011) Collective location choice model, *Working Paper*, **686**, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2011) Modeling spatial embedded social network, *Working Paper*, **685**, IVT, ETH Zurich, Zurich.

Frejinger, E., M. Bierlaire, J. Stojanovic, M. Vrtic, N. Schüssler and K. W. Axhausen (2006) A route choice model in Switzerland based on RP and SP data, *Working Paper*, **374**, IVT, ETH Zurich, Zurich.

Frick, M. and B. Grimm (2014) Langstreckenmobilität: Aktuelle Trends und Zukunftsperspektiven, *Research Report*, Institut für Mobilitätsforschung, Munich.

Frick, M. and B. Grimm (2014) Long-Distance Mobility: Current Trends and Future Perspectives, *Research Report*, Institut für Mobilitätsforschung, Munich.

Frick, M., B. C. Belart, M. Schmied, B. Grimm and D. Schmücker (2014) Zukunftsperspektiven der Langstreckenmobilität - Grundlagenstudie, *Final Report*, Institut für Mobilitätsforschung, Berne.

Frick, M. and K. Meister (2006) Routenwahlverhalten im Flugverkehr, *Term Report*, IVT, ETH Zurich.

- Friedrich, M. (2002) Analyse und Optimierung von Verkehrsnetzen im IV und ÖV, *Schriftenreihe*, **14**, Institute of Transport and Urban Planning, Technische Universität München, Munich.
- Fries, N. (2013) Carrier or Mode? – The Dilemma of Shippers’ Choice in Freight Modelling, *Travel Survey Metadata Series*, **43**, IVT, ETH Zurich, Zurich.
- Fröhlich, P., C. Weis, A. L. Erath, M. Vrtic and K. W. Axhausen (2013) SP-Befragung 2010 zum Verkehrsverhalten im Personenverkehr, *Travel Survey Metadata Series*, **48**, IVT, ETH Zurich, Zurich.
- Fuhrer, R. and K. W. Axhausen (2014) New historical data: The reconstruction of 1950’s global road network using american army maps, *Arbeitsberichte Verkehrs- und Raumplanung*, **1025**, IVT, ETH Zurich, Zurich.
- Fuhrer, R. and P. Hunziker (2013) Cartographic Transport Infrastructure Data Survey, *Arbeitsberichte Verkehrs- und Raumplanung*, **930**, IVT, ETH Zurich, Zurich.
- Gantner, U., M. Jakob and S. Hirschberg (2001) Perspektiven der zukünftigen Strom- und Wärmeversorgung für die Schweiz - Ökologische und ökonomische Betrachtungen, *Technical Report*, **01-12**, Paul Scherrer Institute, Villigen PSI.
- Gaudry, M., A. Briand, I. Paulmyer and C.-L. Tran (2006) Choix modal transpyrénéen ferroviaire, intermodal et routier: un modèle Logit Universel de forme Box-Cox Généralisée, *Working Paper*, Institut National de Recherche sur les Transports et leur Sécurité (INRETS), Arcueil.
- Swiss Federal Office of Energy (SFOE) (2009) Schweizerische Gesamtenergiestatistik 2008, *Technical Report*, Swiss Federal Office of Energy (SFOE), Berne.
- Gicheva, D., J. Hastings and S. Villas-Boas (2007) Revisiting the income effect: Gasoline prices and grocery purchases, *Working Paper*, National Bureau of Economic Research, Cambridge.
- Golob, T. F., M. A. Bradley and J. W. Polak (1995) Travel and activity participation as influenced by car availability and use, *Working Paper*, **95-3**, University of California, Irvine, August 1995.
- Golob, T. F. and M. G. McNally (1996) A model of activity participation and travel interactions between household heads, *Working Paper*, **96-3**, University of California, Irvine, August 1996.
- Goulias, K. G. (1992) A dynamic microsimulator for travel demand forecasting, *Working Paper*, **95**, University of California, Berkeley, April 1992.
- Greeven, P., S. R. Jara-Diaz, M. A. Munizaga and K. W. Axhausen (2005) Calibration of a joint time assignment and mode choice model system, *Working Paper*, **308**, IVT, ETH Zurich, Zurich.

Grimal, R. (2010) Mobilité à longue distance : plus de voyages s'effectuent en train, mais les seniors restent adeptes de la voiture, *Technical Report*, Setra, Paris, December 2010.

GS EVED and BfS (1992) Verkehrsverhalten in der Schweiz 1989, Mikrozensus 1989, Berichtband, *Research Report*, **6/91**, Dienst für Gesamtverkehrsfragen (GS EVED) and Swiss Federal Statistical Office (BFS), Berne.

Guler, S. I. and M. Menéndez (2013) Analytical Formulation and Empirical Evaluation of Pre-Signals, *SVT Working Paper*, **48**, IVT, ETH Zurich, Zurich.

Guo, J. Y. and C. R. Bhat (2002) Residential location choice modeling: Accommodating socio-demographic, school quality and accessibility effects, *Technical Report*, Department of Civil Engineering, University of Texas, Austin, Texas.

Haefeli, U. and D. Matti (2008) Mobilitätsdurchblick Schweiz: Schlussbericht zuhanden des Dienstleistungszentrums innovative und nachhaltige Mobilität (DZM), *Technical Report*, Interface Politikstudien, Lucerne, August 2008.

Hackney, J. K. and F. Marchal (2008) A model for coupling multi-agent social interactions and traffic simulation, *Working Paper*, **516**, IVT, ETH Zurich, Zurich.

Handcock, M. S. (2013) Assessing degeneracy in statistical models of social networks, *Working Paper*, **39**, Center for Statistics and the Social Sciences, University of Washington, Seattle.

Harding, C., Z. Patterson and K. W. Axhausen (2013) Trip dispersal, efficient chaining and modal propensity: an analysis of the effects of neighborhood type, regional accessibility and activity space geometry on travel behaviour in Switzerland, *Arbeitsberichte Verkehrs- und Raumplanung*, **901**, IVT, ETH Zurich, Zurich.

Harding, C., E. J. Miller, Z. Patterson and K. W. Axhausen (2014) Multiple purpose tours and efficient trip chaining: an analysis of the effects of land use and transit on travel behaviour in Switzerland, *Arbeitsberichte Verkehrs- und Raumplanung*, **1014**, IVT, ETH Zurich, Zurich.

Harding, C., Z. Patterson and K. W. Axhausen (2013) Neighborhood and regional effects on trip dispersal: a case study using data from the 9 largest metropolitan regions in Switzerland, *Arbeitsberichte Verkehrs- und Raumplanung*, **926**, IVT, ETH Zurich, Zurich.

Harding, C., Z. Patterson and K. W. Axhausen (2013) Neighborhood and regional effects on trip dispersal: a case study using data from the 9 largest metropolitan regions in Switzerland, *Working Paper*, **80**, Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT), Montreal.

Hartmann, M. (2005) Gravitationsmodelle als Verfahren der Standortanalyse im Einzelhandel, *Technical Report*, **SR-2005-02**, Martin-Luther Universität Halle-Wittenberg, Halle.

Hawkins, R. and P. R. Stopher (2004) Collecting data with GPS: Those who reject, and those who receive, *Working Paper*, **ITS-WP-04-21**, Institute of Transport Studies, University of

Sydney, Sydney.

Hertkorn, G. (2005) Mikroskopische Modellierung von zeitabhängiger Verkehrsnachfrage und von Verkehrsflußmustern, *Research Report*, **2004-29**, German Aerospace Centre, Institute of Transport Research, Berlin.

Heidemann, C. (1988) Regional planning methodology: The first and only annotated picture primer on regional planning, *Technical Report*, **16**, Institut für Regionalwissenschaft, University of Karlsruhe, Karlsruhe.

Hess, S. and J. M. Rose (2006) Some lessons for working with repeated choice data, *Working Paper*, **424**, IVT, ETH Zurich, Zurich, November 2006.

Hess, S., M. E. Ben-Akiva, D. Gopinath and J. L. Walker (2011) Advantages of latent class over continuous mixture of logit models, *Working Paper*, Institute for Transport Studies, Institute for Transport Studies, Leeds, May 2011.

Hettinger, T. (2008) Konsistenz von Entscheidungsmodellen, *Semester Project*, **221**, IVT, ETH Zurich, Zurich, March 2008.

Heyndrickx, C., J. Purwanto, F. Ciari, P. M. Bösch and A. Perrels (2014) The impact of extreme weather events on urban mobility in Switzerland: combining a traffic micro-simulation with an economic macro-model, *Arbeitsberichte Verkehrs- und Raumplanung*, **1012**, IVT, ETH Zurich, Zurich.

Heyndrickx, C., F. Rodric, P. M. Bösch and F. Ciari (2015) Benefits of informing travellers in case of extreme precipitation events: A model based case study for Zurich using MATSim, *Arbeitsberichte Verkehrs- und Raumplanung*, **1108**, IVT, ETH Zurich, Zurich.

Hilty, L. M., B. Page, R. Meyer, H. Mügge, H. Deecke, C. H. Reick, B. Gehlsen, M. Hupf, O. Becken, M. Bosselmann, M. Neumann, M. Poll, T. Lechler and T. Böttger (1998) Instrumente für die ökologische Bewertung und Gestaltung von Verkehrs- und Logistiksystemen, *Final Report*, Fachbereich Informatik der Universität Hamburg, Hamburg.

Hobeika, A. G. (2005) TRANSIMS overview, *Technical Report*, Virginia Polytechnic University, Virginia, July 2005.

Hobeika, A. G. (2005) TRANSIMS fundamentals, *Technical Report*, Virginia Polytechnic University, Virginia, July 2005.

Hobeika, A. G. (2005) TRANSIMS fundamentals: Chapter 3: Population synthesizer, *Technical Report*, Virginia Polytechnic University, Virginia, July 2005. [http://tmip.fhwa.dot.gov/resources/clearinghouse/docs/transims\\_fundamentals/ch3.pdf](http://tmip.fhwa.dot.gov/resources/clearinghouse/docs/transims_fundamentals/ch3.pdf), accessed on 29/03/2011.

Hoinville, G. (1977) The priority evaluator method, *Working Paper*, **3**, Social & Community Planning Research, London, September 1977.

- Hoogendoorn-Lanser, S. (2005) Modelling travel behaviour in multi-modal networks, *Technical Report*, **T2005/4**, The Netherlands TRAIL Research School, Delft.
- Horowitz, A. J. (2006) Statewide travel forecasting models: A synthesis of highway practice, *Technical Report*, **527**, Transportation Research Board, Washington, D.C.
- Horni, A. and K. W. Axhausen (2012) Distribution of benefits and losses from roadpricing illustrated in a microsimulation scenario, *Arbeitsberichte Verkehrs- und Raumplanung*, **974**, IVT, ETH Zurich, Zurich.
- Horni, A. and K. W. Axhausen (2015) Online grocery shopping survey, *Travel Survey Meta-data Series*, **59**, IVT, ETH Zurich, Zurich.
- Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2008) Location choice modeling for shopping and leisure activities with MATSim: Combining micro-simulation and time geography, *Working Paper*, **527**, IVT, ETH Zurich, Zurich.
- Horni, A., K. Nagel and K. W. Axhausen (2011) High-resolution destination choice in agent-based demand models, *Working Paper*, **682**, IVT, ETH Zurich, Zurich.
- Horni, A., B. J. Vitins and K. W. Axhausen (2011) The Zurich scenario: A technical overview, *Working Paper*, **687**, IVT, ETH Zurich, Zurich.
- Horni, A., D. Charypar and K. W. Axhausen (2011) Variability in transport microsimulations investigated with the multi-agent transport simulation MATSim, *Working Paper*, **692**, IVT, ETH Zurich, Zurich.
- Horni, A., F. Ciari and K. W. Axhausen (2012) Coupling customers' destination choice and retailers' location choice in MATSim, *Arbeitsberichte Verkehrs- und Raumplanung*, **808**, IVT, ETH Zurich, Zurich.
- Horni, A. and K. W. Axhausen (2012) MATSim agent heterogeneity and week scenario, *Arbeitsberichte Verkehrs- und Raumplanung*, **836**, IVT, ETH Zurich, Zurich.
- Horni, A. and L. Montini (2013) ApplauSim: Rhythmischer Applaus als emergentes Phänomen?, *Arbeitsberichte Verkehrs- und Raumplanung*, **853**, IVT, ETH Zurich, Zurich.
- Highway Research Board (1965) Highway Capacity Manual, *Special Report*, **87**, Highway Research Board, Washington, D.C.
- Huang, Z. and P. Williamson (2001) Comparison of synthetic reconstruction and combinatorial, optimisation approaches to the creation of small-area microdata, *Working Paper*, **2001/2**, Department of Geography, University of Liverpool, UK.
- Hunziker, P. and R. Fuhrer (2013) AMS Transport Network Vectorisation, *Arbeitsberichte Verkehrs- und Raumplanung*, **931**, IVT, ETH Zurich, Zurich.
- Illenberger, J., M. Kowald, K. W. Axhausen and K. Nagel (2010) Insights into a spatially em-

bedded social network from a large-scale snowball-sample, *Working Paper*, **10–10**, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin.

Illenberger, J., G. Flötteröd, M. Kowald and K. W. Axhausen (2009) A model for spatially embedded social networks, *Working Paper*, **593**, IVT, ETH Zurich, Zurich.

BVU Beratergruppe Verkehr + Umwelt GmbH und Intraplan Consult GmbH (2007) Prognose der deutschlandweiten Verkehrsverflechtungen 2025, *Technical Report*, ITP and BVU, München und Freiburg.

IVT (2008) Hinweise für die Erstellung von studentischen Berichten, *Arbeitsberichte Verkehrs- und Raumplanung*, IVT, Zurich.

Joubert, J. W. and K. W. Axhausen (2009) Inferring commercial vehicle activities in Gauteng, South Africa, *Working Paper*, **552**, IVT, ETH Zurich, Zurich.

Jack Faucet Associates (1991) The highway economic requirements system technical report; prepared for highway needs and investment branch, *Technical Report*, Federal Highway Administration, Washington, D.C.

Jäggi, B. and K. W. Axhausen (2010) Surveying energy efficiency in housing and transport using a priority evaluator, *Working Paper*, **636**, IVT, ETH Zurich, Zurich.

Jäggi, B., C. Dobler and K. W. Axhausen (2013) Werkzeug zur aktuellen Gangliniennorm, Schlussbericht ASTRA 2010/020, *Schriftenreihe*, **1412**, UVEK, Berne.

Jäggi, B. and K. W. Axhausen (2015) Bemessungsverkehrsstärken: Ein neuer Ansatz, Forschungsbericht ASTRA 2011/103, *Schriftenreihe*, **1517**, UVEK, Berne.

Jäggi, B., M. Castro, L. Schmitt, K. W. Axhausen and C. R. Bhat (2011) Multiple discrete-continuous choice model of household energy reduction across multiple sectors using priority evaluator data, *Working Paper*, **690**, IVT, ETH Zurich, Zurich.

Jäggi, B., S. Hohmann, K. W. Axhausen and J. Geistefeldt (2013) Comparison of estimates of travel time losses on high capacity roads, *Arbeitsberichte Verkehrs- und Raumplanung*, **913**, IVT, ETH Zurich, Zurich.

Jäggi, B., D. Robinson and K. W. Axhausen (2013) 2000W City: Urban Metabolism, *Travel Survey Metadata Series*, **44**, IVT, ETH Zurich, Zurich.

Jakob, M., M. Menéndez and J. Cao (2015) A dynamic macroscopic parking pricing model, *SVT Working Paper*, **105**, IVT, ETH Zurich, Zurich.

Janzen, M. and K. W. Axhausen (2014) Long-Term-C-TAP Simulation: Generating Long Distance Travel Demand for a full Year, *Arbeitsberichte Verkehrs- und Raumplanung*, **1018**, IVT, ETH Zurich, Zurich.

Janzen, M. and M. Vanhoof (2015) Report for the Collaboration between Orange Labs Fran-

ce and IVT, ETH Zurich, *Arbeitsberichte Verkehrs- und Raumplanung*, **1104**, Orange Labs, France and IVT, ETH Zurich, Zurich.

Jin, J. G., L. C. Tang, L. Sun and D.-H. Lee (2013) Improving metro network resilience by incremental bus service adjustment, *Arbeitsberichte Verkehrs- und Raumplanung*, **918**, IVT, ETH Zurich, Zurich.

Kaufman, D. E., K. E. Wunderlich and R. L. Smith (1991) An iterative routing/assignment method for anticipatory real-time route guidance, *Working Paper*, **91-02**, Department of Industrial and Operations Engineering, University of Michigan, Ann Arbor.

Kawasaki, T. and K. W. Axhausen (2009) Choice set generation from GPS data set for grocery shopping location choice modelling in canton Zurich: The comparison to Swiss Microcensus 2005, *Working Paper*, **595**, IVT, ETH Zurich, Zurich.

Karlström, A. (2004) A dynamic programming approach for the activity generation and scheduling problem, *Working Paper*, Transport and Location Analysis, Royal Institute of Technology, Stockholm.

Keller, M., V. Killer, A. L. Erath and K. W. Axhausen (2008) Hinweise für die Erstellung von studentischen Berichten, *Arbeitsberichte Verkehrs- und Raumplanung*, IVT, Zurich.

Killer, V. (2013) German travel time and network distance matrices 1970-1987-1999-2006, *Travel Survey Metadata Series*, **29**, IVT, ETH Zurich, Zurich.

Killer, V. and K. W. Axhausen (2009) Mapping overlapping commuting areas, *Working Paper*, **555**, IVT, ETH Zurich, Zurich.

Killer, V. and K. W. Axhausen (2009) The spatial and temporal change of commuting regions, *Working Paper*, **583**, IVT, ETH Zurich, Zurich.

Killer, V. and K. W. Axhausen (2011) Understanding overlapping functional commuting regions with confidence ellipses and social network methods, *Working Paper*, **714**, IVT, ETH Zurich, Zurich.

Killer, V., M. Kowald and K. W. Axhausen (2013) Similarities in residential choice models, *Arbeitsberichte Verkehrs- und Raumplanung*, **827**, IVT, ETH Zurich, Zurich.

Killer, V., R. Fuhrer, D. Guth, C. Holz-Rau and K. W. Axhausen (2013) Road accessibility of Germany and Switzerland 1970-2007, *Arbeitsberichte Verkehrs- und Raumplanung*, **936**, IVT, ETH Zurich, Zurich.

Kisseleff, B. (2006) Dynamik der Preisstrukturen im Luftverkehr, *Semester Project*, **38**, IVT, ETH Zurich, Zurich, July 2006.

Kitamura, R. and D. Bunch (1989) Heterogeneity and state dependence in household car ownership: A panel analysis using ordered-response probit models with error components, *Working Paper*, **UCD-ITS-RR-89-06**, Institute of Transportation Studies, University of California,

Davis, October 1989.

König, A. and K. W. Axhausen (2004) Zeitkostenansätze im Personenverkehr, final report for SVI 2001/534, *Schriftenreihe*, **1065**, UVEK, Bundesamt für Strassen, Berne.

Koster, P. and H. Koster (2013) Commuters' preferences for fast and reliable travel, *Working Paper*, **13-075/VIII**, Tinbergen Institute Amsterdam, Amsterdam and Rotterdam.

Kowald, M. and K. W. Axhausen (2014) Snowball data, *Travel Survey Metadata Series*, **45**, IVT, ETH Zurich, Zurich.

Kowald, M., J. Koot, C. Dobler and K. W. Axhausen (2012) Soziales Verhalten in grossräumigen Evakuierungsereignissen in der Schweiz, *Arbeitsberichte Verkehrs- und Raumplanung*, **711**, IVT, ETH Zurich, Zurich.

Kowald, M., C. Dobler and K. W. Axhausen (2012) Soziales Verhalten in grossräumigen Evakuierungsereignissen: Ergebnisse einer Expertenbefragung, *Arbeitsberichte Verkehrs- und Raumplanung*, **710**, IVT, ETH Zurich, Zurich.

Kowald, M., C. Dobler and K. W. Axhausen (2011) Der Einfluss sozialer Kontakte in grossräumigen Evakuierungsereignissen, *Working Paper*, **683**, IVT, ETH Zurich, Zurich.

Kowald, M. and K. W. Axhausen (2010) Spatial distribution of connected leisure networks: Selected results from a snowball sample, *Working Paper*, **614**, IVT, ETH Zurich, Zurich.

Kreitz, M., K. W. Axhausen, M. Friedrich and K. J. Beckmann (2001) Mobiplan: An internet-based mobility advisor, *Working Paper*, **34**, IVT, ETH Zurich, Zurich.

Krumme, C., M. Cebrian and A. Pentland (2010) Patterns of individual shopping behavior, *Working Paper*, **arXiv:1008.2556 [cs.CY]**, The Media Laboratory, Massachusetts Institute of Technology, Cambridge.

Lee, C. and R. B. Machemehl (2005) Combined traffic signal control and traffic assignment: Algorithms, implementation and numerical results, *Technical Report*, **472840-00074-1**, University of Texas Austin, Austin.

Lefebvre, N. and M. Balmer (2007) Fast shortest path computation in time-dependent traffic networks, *Working Paper*, **439**, IVT, ETH Zurich, Zurich.

Lindsey, R. and E. T. Verhoef (2000) Traffic Congestion and Congestion Pricing, *Working Paper*, Tinbergen Institute Amsterdam, Amsterdam.

Lima & Associates (2006) Lincoln MPO travel demand model: Draft model documentation, *Technical Report*, Lincoln Metropolitan Planning Organization, Lincoln, Nebraska.

Löchl, M., R. Hauri and K. W. Axhausen (2009) Agents, space and market shares: A spatial analysis of the Swiss insurance market, *Working Paper*, **557**, IVT, ETH Zurich, Zurich.



- Löchl, M. (2008) Standortplanung im Detail-/Einzelhandel: Auswertung von Interviews mit Unternehmen in Deutschland und der Schweiz, *Working Paper*, **492**, IVT, ETH Zurich, Zurich.
- Löchl, M., M. Bürgle and K. W. Axhausen (2006) Implementierung des integrierten Flächennutzungsmodells UrbanSim für den Grossraum Zürich – ein Erfahrungsbericht, *Working Paper*, **414**, IVT, ETH Zurich, Zurich.
- Löchl, M., M. Bürgle and U. Waldner (2007) Handbuch Simulationsmodell Grossraum Zürich, *Working Paper*, **465**, IVT, ETH Zurich, Zurich.
- Löchl, M., U. Waldner and M. Bürgle (2005) Haushaltsbefragung zur Wohnsituation im Grossraum Zürich – Tabellenband, *Working Paper*, **2**, IVT, NSL-Network City and Landscape, Polyprojekt Zukunft urbane Kulturlandschaften, Zurich.
- Löchl, M. (2005) Stability of travel behavior: Thurgau 2003, *Travel Survey Metadata Series*, **16**, IVT, ETH Zurich, Zurich.
- Löhrer, R. and E. Schwizer (2008) TCS-Knowboard Nr. 41 - Treibstoffmarkt und Preise, *Technical Report*, Touring Club Switzerland.
- Lohse, D., G. Bachner, B. Dugge and H. Teichert (1997) Ermittlung von Verkehrsströmen mit n-linearen Gleichungssystemen unter Beachtung von Nebenbedingungen einschliesslich Parameterschätzung, *Research Report*, **5**, Institute for Transportation Planning and Traffic, Technical University Dresden, Dresden, December 1997.
- Lowry, I. S. (1964) A model of metropolis, *Technical Report*, RAND Europe.
- Land Transport Authority (2009) Update of Economic Evaluation Parameters, *Final Report (unpublished)*, Land Transport Authority.
- Ma, T.-Y. and J.-P. Lebacque (2007) A multi-agent approach to dynamic traffic assignment based on activity, *Working Paper*, Institut National de Recherche sur les Transports et leur Sécurité (INRETS), Arcueil.
- Mackie, P., M. Wardman, A. Fowkes, G. Whelan, J. Nellthorp and J. Bates (2003) Values of travel time savings in the uk, *Working Paper*, University of Leeds, Institute for Transport Studies, Leeds.
- McFadden, D. (1975) On Independence, Structure, and Simultaneity in Transportation Demand Analysis, *Working Paper*, **7511**, Institute of Transportation Studies, University of California, Berkeley.
- McNally, M. G. and C. R. Rindt (2008) The activity-based approach, *Working Paper*, **UCI-ITS-AS-WP-07-1**, Institute of Transportation Studies, University of California, Irvine.
- McNally, M. G. (1996) An activity-based microsimulation model for travel demand forecasting, *Working Paper*, **UCI-ITS-AS-WP-96-1**, Institute of Transportation Studies, University of California, Irvine, may 1996.

Meister, K. (2002) Wirkung ultrafeiner Partikel auf die menschliche Gesundheit, *Term Report*, University of Osnabrück.

Meister, K. (2008) Erstellung von MATSim Facilities für das Schweiz-Szenario, *Working Paper*, **541**, IVT, ETH Zurich.

Meister, K., M. Balmer and K. W. Axhausen (2005) An improved replanning module for agent-based micro simulations of travel behavior, *Working Paper*, **303**, IVT, ETH Zurich.

Meister, K. and S. Zeibig (2002) Der Neumarkt im Wandel der Zeit, *Term Report*, University of Osnabrück.

Menghini, G., N. Carrasco, N. Schüssler and K. W. Axhausen (2009) Route choice of cyclists: Discrete choice modelling based on GPS-data, *Working Paper*, **544**, IVT, ETH Zurich, Zurich.

Midgley, P. (2011) Bicycle-sharing schemes: Enhancing sustainable mobility in urban area, *Technical Report*, United Nations Department of Economic and Social Affairs, New York.

Minderhoud, M. M., H. Botma and P. H. L. Bovy (1996) An assessment of roadway capacity estimation methods, *Technical Report*, Technical University Delft, Delft.

Montini, L., N. Schüssler, A. Horni and K. W. Axhausen (2013) Trip Purpose Identification from GPS Tracks, *Arbeitsberichte Verkehrs- und Raumplanung*, **951**, IVT, ETH Zurich, Zurich.

Montini, L. and N. Rieser-Schüssler (2014) Peacock – Implementation and evaluation of learning routines for mode and trip purpose detection, *Deliverable*, **D4.3**, IVT, ETH Zurich, Zurich.

Montini, L. and N. Rieser-Schüssler (2014) Peacock – Implementation and pretest of the trip purpose detection, *Deliverable*, **D4.2**, IVT, ETH Zurich, Zurich.

Müller, K. (2016) Accelerating weighted random sampling without replacement, *Arbeitsberichte Verkehrs- und Raumplanung*, **1141**, IVT, ETH Zurich, Zurich.

Müller, K. and K. W. Axhausen (2013) Using survey calibration and statistical matching to reweight and distribute activity schedules, *Arbeitsberichte Verkehrs- und Raumplanung*, **948**, IVT, ETH Zurich, Zurich.

Murray, T. (2010) Reducing network vulnerability through strategic protection, *Working Paper*, GeoDa Center of Geospatial Analysis and Computation, Arizona State University, Tempe.

Murray, T. (2010) Fortification of network infrastructure to reduce vulnerability, *Working Paper*, GeoDa Center of Geospatial Analysis and Computation, Arizona State University, Tempe.

Mühlethaler, F., K. W. Axhausen, F. Ciari, M. Tschannen-Süess and U. Gertsch-Jossi (2012) Potenzial von Fahrgemeinschaften, *Arbeitsberichte Verkehrs- und Raumplanung*, **838**, IVT, ETH Zurich, Zurich.

MVA Consultancy (2000) Etude de l'impact des phénomènes d'irregularité des autobus – Analyse des resultats, *Technical Report*, MVA Consultancy, Paris.

Nash, C., with contributions from partners and (2003) UNification of accounts and marginal costs for Transport Efficiency. Final Report for Publication, *Final Report*, Institute for Transport Studies, University of Leeds, Leeds.

Nagel, K. and K. W. Axhausen (2001) Workshop report: Microsimulation, *Working Paper*, **49**, IVT, ETH Zurich, Zurich.

Nicolai, T., L. Wang, K. Nagel and P. A. Waddell (2011) Coupling an urban simulation model with a travel model - a first sensitivity test, *Working Paper*, **11-07**, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin.

Ohnmacht, T. (2006) Mapping social networks in time and space, *Working Paper*, **341**, IVT, ETH Zurich, Zurich.

Ordóñez Medina, S. A. (forthcoming) Estimating workplace capacities using public transport smart card data and a household travel survey, *Working Paper*, Future Cities Laboratory, ETH Zurich, Zurich.

Ordóñez Medina, S. A. (2012) Estimating workplace capacities using public transport smart card data and a household travel survey, *Working Paper*, Future Cities Laboratory, ETH Zurich, Zurich.

Ordóñez Medina, S. A. and A. L. Erath (2012) Estimating dynamic workplace capacities using public transport smart card data and a household travel survey, *Arbeitsberichte Verkehrs- und Raumplanung*, **828**, IVT, ETH Zurich, Zurich.

Ordóñez Medina, S. A. and A. L. Erath (2013) New dynamic events-based public transport router for agent-based simulations, *Arbeitsberichte Verkehrs- und Raumplanung*, **921**, IVT, ETH Zurich, Zurich.

Ortigosa, J., V. V. Gayah and M. Menéndez (2014) Analysis of one-way and two-way street configurations on urban grid networks, *SVT Working Paper*, **75**, IVT, ETH Zurich, Zurich.

Osorio, C. and M. Bierlaire (2010) simulation-based optimization framework for urban traffic control, *Research Report*, EPF Lausanne, TRANSP-OR, Lausanne.

Outwater, M., M. A. Bradley, N. Ferdous, S. Trevino and H. Lin (2015) Foundational knowledge to support a long-distance passenger travel demand modeling framework, *Technical Report*, Transport Studies Unit, University of Oxford.

Pagliara, F. and J. Preston (2003) The impact of transport on residential location, *Working Paper*, Transport Studies Unit, University of Oxford, Oxford.

Peer, S., E. T. Verhoef, J. Knockaert, P. Koster and Y.-Y. Tseng (2011) Long-run vs. short-run perspectives on consumer scheduling: Evidence from a revealed-preference experiment

among peak-hour road commuters, *Working Paper*, **11-181/3**, Tinbergen Institute Amsterdam, Amsterdam and Rotterdam.

Pelling, M. (2004) Visions of risk: a review of international indicators of disaster risk and its management, *Research Report*, International Strategy for Disaster Reduction , United Nations, Geneva.

Pendyala, R. M. (2004) Phased implementation of a multimodal activity-based travel demand modeling system in Florida. volume II: FAMOS users guide, *Research Report*, Florida Department of Transportation, Tallahassee.

Peters, A. (2013) Grossbefragung “Mobilität und Autokauf“, *Travel Survey Metadata Series*, **32**, IVT, ETH Zurich, Zurich.

Picard, N. and C. Antoniou (2011) Econometric guidance, *Deliverable*, **5.1**, SustainCity project, University of Cergy-Pontoise, Cergy-Pontoise.

Pinjari, A. R. and C. R. Bhat (2010) An efficient forecasting procedure for Kuhn-Tucker consumer demand model systems: Application to residential energy consumption analysis, *Technical Report*, University of South Florida, July 2010.

Polak, J. W. and K. W. Axhausen (1990) Parking search behaviour: A review of current research and future prospects, *Working Paper*, **540**, Transport Studies Unit, University of Oxford, Oxford.

Polak, J. W. and F. Oladeine (2002) An empirical model of travelers’ day-to-day learning in the presence of uncertain travel times, *Working Paper*, Centre for Transport Studies, Imperial College London, London.

Portnov, B. A., K. W. Axhausen, M. Tschopp and M. Schwartz (2009) Location relativity - spatiotemporal dimension: Some evidence from Swiss Municipalities 1950-2000, *Working Paper*, **521**, IVT, ETH Zurich, Zurich.

Prasad, K. (2013) 3D Pedestrian Network of U-Town, *Summer Project Report*, Future Cities Laboratory, Singapore.

Prost, S., K. Röderer, J. Schrammel, E. Bothos, L. Montini and S. Alam (2013) Peacock – field trials I report, *Deliverable*, **D7.4**, PEACOX project, Center for Usability Research and Engineering, Vienna.

Quarantelli, E. L. (1990) The warning process and evacuation behavior: The research evidence, *Preliminary Paper*, **148**, University of Delaware, Delaware.

Rajagopal, K. R. (2006) Leisure shopping behavior and recreational retailing: A symbiotic analysis of marketplace strategy and consumer response, *Working Paper*, **06/2006**, Graduate School of Administration and Management (EGADE), Monterrey Institute of Technology and Higher Education (ITESM), Mexico City.

- Rai, R. K., M. Balmer, M. Rieser, V. S. Vaze, S. Schönfelder and K. W. Axhausen (2006) Capturing human activity spaces: New geometries, *Working Paper*, **378**, IVT, ETH Zurich, Zurich.
- Ramadurai, G. and S. Ukkusuri (2008) Dynamic user equilibrium model for combined activity-travel choices using activity-travel supernetwork representation, *Working Paper*, Rensselaer Polytechnic Institute, Troy, NY, August 2008.
- Ramjerdi, F., S. Flügel, H. Samstad and M. Killi (2010) Summary: Value of time, safety and environment in passenger transport time, *Technical Report*, **1053B/2010**, Institute for Transport Economics, Norwegian Centre for Transport Research, Oslo.
- Ramjerdi, F., L. Rand, I. Saetermo and K. Saelensminde (1997) The Norwegian Value of Time Study part I, *Technical Report*, **379/1997**, Institute for Transport Economics, Norwegian Centre for Transport Research, Oslo.
- Ramos, B. T. (2011) Effects of tropical storm (washi), *Technical Report*, **Update Sitrep No. 9 re**, NDRRMC, Quezon City.
- Reusser, D. and K. Meister (2004) MARKS - Ein agentenbasiertes Modell des Marx'schen Wertgesetzes, *Semester Project*, University of Osnabrück.
- Rieser, M. (2004) Berechnung von Nachfragematrizen mit VISEM, *Semester Project*, **23**, IVT, ETH Zurich, Zurich.
- Rieser, M. (2004) Generating day plans from origin-destination matrices, *Semester Project*, **29**, IVT, ETH Zurich, Zurich.
- Rieser-Schüssler, N. and K. W. Axhausen (2014) Psychometric scales survey, *Travel Survey Metadata Series*, **57**, IVT, ETH Zurich, Zurich.
- Rieser-Schüssler, N., M. Rieser, L. Montini and K. W. Axhausen (2014) Exploring choice set generation approaches for public transport connection choice, *Arbeitsberichte Verkehrs- und Raumplanung*, **1023**, IVT, ETH Zurich, Zurich.
- Rieser, M., U. Beuck, D. Grether, A. Chen, K. Nagel and K. W. Axhausen (2007) Multi-agent transport simulations and economic evaluation, *Working Paper*, **457**, IVT, ETH Zurich, Zurich.
- Rieser, M., U. Beuck and K. Nagel (2007) Researching the influence of time-dependent tolls with a multi-agent traffic simulation, *Working Paper*, **07-17**, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin.
- Saeednia, M. and M. Menéndez (2015) Practical Implications of Truck Platooning Strategies, *SVT Working Paper*, **95**, IVT, ETH Zurich, Zurich.
- Sammer, G., G. Röschel and C. Gruber (2013) Qualitätssicherung für die Anwendung von Verkehrsnachfragemodellen und Verkehrsprognosen, *Schriftenreihe Straßenforschung*, **604**, Bundesministerium für Verkehr, Innovation und Technologie, Vienna.

Saner, D., R. A. Waraich, B. Jäggi, N. Heeren and S. Hellweg (2012) Stochastic modeling of households' housing and mobility consumption patterns for life cycle assessment, *Arbeitsberichte Verkehrs- und Raumplanung*, **809**, IVT, ETH Zurich, Zurich.

Sarlas, G. and K. W. Axhausen (2014) Localized speed prediction with the use of spatial simultaneous autoregressive models, *Arbeitsberichte Verkehrs- und Raumplanung*, **1017**, IVT, ETH Zurich, Zurich.

Sarlas, G. and K. W. Axhausen (2015) Prediction of AADT on a nationwide network level based on an accessibility weighted centrality measure, *Arbeitsberichte Verkehrs- und Raumplanung*, **1094**, IVT, ETH Zurich, Zurich.

Sarlas, G. and K. W. Axhausen (2014) Facility location choice simulation tool (FaLC): Transport simulation module – speed regression, *Deliverable*, IVT, ETH Zurich, Zurich.

Sasidharan, L. and M. Menéndez (2014) Partial Proportional Odds Model - A Better Choice for Analyzing Pedestrian Crash Injury Severities, *SVT Working Paper*, **63**, IVT, ETH Zurich, Zurich.

Sasidharan, L. and M. Menéndez (2014) Beneficial and Detrimental Factors Influencing Pedestrian Crash Injury Severities in Switzerland Using Partial Proportional Odds Model, *SVT Working Paper*, **71**, IVT, ETH Zurich, Zurich.

Statistical Office of the Canton Zurich (2010) Siedlungsprognosen für Gesamtverkehrsmodell Kanton Zürich, *Technical Report*, Statistical Office of the Canton Zurich, Zurich.

Swiss Railways (2009) Geschäftsbericht 2008, *Technical Report*, Swiss Railways, Berne.

Swiss Railways (2005) Kontinuierliche Erhebung Personenverkehr (KEP), *Final Report*, Swiss Railways, Berne.

Scherer, R. and C. Derungs (2008) Standortwahl von Unternehmen: Ein Entscheidungsprozess zwischen Rationalität und Emotionalität, *Working Paper*, Institut for Public Services and Tourism (IDT), University of St.Gallen (HSG), St. Gallen.

Schirmer, P. M., M. A. B. van Eggermond and K. W. Axhausen (2014) The Role of Location in Residential Location Choice Models – A Review of Literature, *Arbeitsberichte Verkehrs- und Raumplanung*, **981**, IVT, ETH Zurich, Zurich.

Schirmer, P. M., B. C. Belart and K. W. Axhausen (2013) Wohnstandortwahl im Grossraum Zürich - Choice Set Sampling, *Travel Survey Metadata Series*, **55**, IVT, ETH Zurich, Zurich.

Schirmer, P. M., B. C. Belart and K. W. Axhausen (2013) Wohnstandortwahl im Grossraum Zürich - Haushaltsbefragung, *Travel Survey Metadata Series*, **54**, IVT, ETH Zurich, Zurich.

Schlich, R., S. Schönfelder, S. Hanson and K. W. Axhausen (2002) Leisure travel in a historical perspective - changes in the structures of time and space use, *Working Paper*, **107**, IVT, ETH Zurich, Zurich.

Schlich, R., A. Simma and K. W. Axhausen (2003) Determinanten des Freizeitverkehrs - Modellierung und empirische Befunde, *Working Paper*, **190**, IVT, ETH Zurich, Zurich.

Schlich, R., A. Simma and K. W. Axhausen (2003) Zielwahl im Freizeitverkehr, *Working Paper*, **181**, IVT, ETH Zurich, Zurich.

Schlich, R. and K. W. Axhausen (2003) Wohnumfeld und Freizeitverkehr - eine Untersuchung zur Fluchttheorie, *Working Paper*, **155**, IVT, ETH Zurich, Zurich.

Schlich, R. (2004) 12 weeks of leisure travel survey, *Travel Survey Metadata Series*, **10**, IVT, ETH Zurich, Zurich.

Schmid, B. and K. W. Axhausen (2015) Testing Efficient Stated Choice Designs, *Arbeitsberichte Verkehrs- und Raumplanung*, **1032**, IVT, ETH Zurich, Zurich.

Schmid, B., S. Schmutz and K. W. Axhausen (2015) Explaining Mode Choice, Taste Heterogeneity and Cost Sensitivity in a Post-Car World, *Arbeitsberichte Verkehrs- und Raumplanung*, **1087**, IVT, ETH Zurich, Zurich.

Schmutz, S. and K. W. Axhausen (2015) Master thesis: Choice sets, *Travel Survey Metadata Series*, **58**, IVT, ETH Zurich, Zurich.

Schneider, A. (2003) Genetische Algorithmen zur Optimierung von Tagesplänen für Verkehrsteilnehmer, *Semester Project*, ICoS, ETH Zurich, Zurich.

Schneider, J. (2009) Geschäftsreisende 2009: Strukturen, Einstellungen, Verhalten, *Technical Report*, International University of Applied Sciences Bad Honnef-Bonn, infas Institute for Applied Social Sciences, Bonn.

Schneiderbauer, S. and D. Ehrlich (2004) Risk, hazard and people's vulnerability to natural hazards. a review of definitions, concepts and data, *Technical Report*, Joint Research Centre, European Commission, Zurich.

Schönfelder, S. and K. W. Axhausen (2010) Verkehrsverhalten und projekte: Auswertung der univox-befragung 2009, *Working Paper*, **648**, IVT, ETH Zurich, Zurich.

Schönfelder, S. and K. W. Axhausen (2004) Structure and innovation of human activity spaces, *Working Paper*, **258**, IVT, ETH Zurich, Zurich.

Schönfelder, S. and K. W. Axhausen (2013) Univox 2009 – Verkehrsverhalten und Projekte, *Travel Survey Metadata Series*, **38**, IVT, ETH Zurich, Zurich.

Schönfelder, S., R. Schlich, A. König, A. Aschwanden, A. Kaufmann, D. Horisberger and K. W. Axhausen (2002) Mobidrive: Data format guide. Part B: Variables, *Technical Report*, **116b**, IVT, ETH Zurich, Zurich, August 2002.

Schrank, D., T. Lomax and S. Turner (2010) TTI's 2010 Urban Mobility Report, *Research Report*, Texas Transportation Institute, Texas AM University, Texas.

- Schüssler, N. (2011) Capitalising modern data sources for observing and modelling travel behaviour, *Working Paper*, **707**, IVT, ETH Zurich, Zurich.
- Schüssler, N. and K. W. Axhausen (2008) Processing GPS raw data without additional information, *Working Paper*, **515**, IVT, ETH Zurich, Zurich.
- Schüssler, N. and K. W. Axhausen (2009) Map-matching of GPS traces on high-resolution navigation networks using the Multiple Hypothesis Technique (MHT), *Working Paper*, **568**, IVT, ETH Zurich, Zurich.
- Schüssler, N. and K. W. Axhausen (2011) Development of psychometric scales to evaluate the attitude towards risk, environmentalism and variety seeking of public transport users, *Working Paper*, **644**, IVT, ETH Zurich, Zurich.
- Schüssler, N. and K. W. Axhausen (2011) Investigating the influence of environmentalism and variety seeking on mode choice, *Working Paper*, **706**, IVT, ETH Zurich, Zurich.
- Schüssler, N. and K. W. Axhausen (forthcoming) Processing GPS raw data without additional information, *Working Paper*, IVT, ETH Zurich, Zurich.
- Schüssler, N., M. Balmer and K. W. Axhausen (2009) Route choice sets for very high-resolution data, *Working Paper*, **567**, IVT, ETH Zurich, Zurich.
- Schuijbroek, J., R. Hampshire and W.-J. van Hoes (2013) Inventory rebalancing and vehicle routing in bike sharing systems, *Working Paper*, **2-2013**, Tepper School of Business, Carnegie Mellon University, Pittsburgh.
- Scrogin, D., R. Hofler, K. Boyle and J. W. Milon (2004) An efficiency approach to choice set generation, *Working Paper*, Department of Economics, University of Central Florida.
- Shah, M. (2010) Activity-based travel demand modelling including freight and cross-border traffic with transit simulation, *Working Paper*, **654**, IVT, ETH Zurich, Zurich.
- Sharma, S. and K. W. Axhausen (2009) Design diagrams for road infrastructure elements: High capacity roads, *Working Paper*, **560**, IVT, ETH Zurich, Zurich.
- Simma, A. and K. W. Axhausen (2001) Successive days, related travel behaviour?, *Working Paper*, **62**, IVT, ETH Zurich, Zurich.
- Simma, A. and K. W. Axhausen (2001) Commitments and modal usage: An analysis of german and dutch panels, *Working Paper*, **98**, IVT, ETH Zurich, Zurich.
- Simma, A., R. Schlich and K. W. Axhausen (2002) Destination choice modelling for different leisure activities, *Working Paper*, **99**, IVT, ETH Zurich, Zurich.
- Simma, A., P. Cattaneo, M. Baumeler and K. W. Axhausen (2004) Factors influencing the individual shopping behaviour: The case of Switzerland, *Working Paper*, **247**, IVT, ETH Zurich, Zurich.



Simoni, M. D., A. J. Pel, R. A. Waraich and S. P. Hoogendoorn (2014) Congestion pricing based on dynamic features of the macroscopic fundamental diagram, *Arbeitsberichte Verkehrs- und Raumplanung*, **1000**, IVT, ETH Zurich, Zurich.

Simoni, M. D., A. J. Pel, R. A. Waraich and S. P. Hoogendoorn (2015) Marginal cost congestion pricing based on the network fundamental diagram, *Arbeitsberichte Verkehrs- und Raumplanung*, **1056**, IVT, ETH Zurich, Zurich.

Singhi, P. (2001) Analysis of joint trips using C++ in Mobidrive, *Working Paper*, **87**, IVT, ETH Zurich, Zurich.

Sparmann, U. and W. Leutzbach (1980) ORIENT: Ein verhaltensorientiertes Simulationsmodell zur Verkehrsprognose, *Working Paper*, **20**, Institut für Verkehrswesen, University of Karlsruhe.

Speckman, P., D. Sun and K. Vaughn (1998) Synthesizing activity-travel patterns: A resampling approach, *Working Paper*, **1**, National Institute of Statistical Sciences (NISS), Research Triangle Park, NC.

Srinivasan, S., L. Ma and K. Yathindra (2008) Procedure for forecasting household characteristics for input to travel-demand models, *Final Report*, **TRC-FDOT-64011-2008**, Transportation Research Center, University of Florida. [http://www.fsutmsonline.net/images/uploads/reports/FDOT\\_BD545\\_79\\_rpt.pdf](http://www.fsutmsonline.net/images/uploads/reports/FDOT_BD545_79_rpt.pdf), accessed on 29/03/2011.

Srivastava, G. and S. Schönfelder (2003) On the temporal variation of human activity spaces, *Working Paper*, **196**, IVT, ETH Zurich, Zurich.

Stahel, A., F. Ciari and K. W. Axhausen (2013) Modeling impacts of weather conditions in agent-based transport microsimulations, *Arbeitsberichte Verkehrs- und Raumplanung*, **927**, IVT, ETH Zurich, Zurich.

Stauffacher, M., R. Schlich, K. W. Axhausen and R. W. Scholz (2005) The diversity of travel behavior: Motives and social interactions in leisure time activities, *Working Paper*, **328**, IVT, ETH Zurich, Zurich.

Streichert, F. and H. Ulmer (2005) JavaEvA - a Java framework for evolutionary algorithms, *Technical Report*, **WSI-2005-06**, Centre for Bioinformatics Tübingen, University of Tübingen.

Stopher, P. R. and S. Greaves (2010) Missing and inaccurate information from travel surveys: Pilot results, *Working Paper*, **ITS-WP-10-07**, Institute of Transport Studies, University of Sydney, Sydney.

Sun, D., D.-H. Lee, A. L. Erath and X. Huang (2012) Using smart card data to extract passenger's spatial-temporal density and train's trajectory of mrt system, *Working Paper*, Future Cities Laboratory, ETH Zurich, Singapore.

Sun, L., D.-H. Lee, A. L. Erath and J. Gang Jin (2012) Designing a demand responsive time-

table for MRT services, *Arbeitsberichte Verkehrs- und Raumplanung*, **795**, IVT, ETH Zurich, Zurich.

Sun, L., J. G. Jin, K. W. Axhausen, D.-H. Lee and M. Cebrian (2014) Quantifying long-term evolution of intra-urban spatial interactions, *Working Paper*, **1008**, Future Cities Laboratory, Singapore-ETH Centre (SEC), Singapore.

Sun, L., A. Tirachini, K. W. Axhausen, A. L. Erath and D.-H. Lee (2013) Models of Bus Boarding/Alighting Dynamics and Dwell Time Variability, *Arbeitsberichte Verkehrs- und Raumplanung*, **903**, IVT, ETH Zurich, Zurich.

Sun, L., J. G. Jin, D.-H. Lee and K. W. Axhausen (2013) Characterizing network travel time reliability and passenger route choice in metro systems, *Arbeitsberichte Verkehrs- und Raumplanung*, **916**, IVT, ETH Zurich, Zurich.

Sun, L., J. G. Jin, D.-H. Lee, A. L. Erath and K. W. Axhausen (2013) Demand-driven timetable designing for metro services, *Arbeitsberichte Verkehrs- und Raumplanung*, **917**, IVT, ETH Zurich, Zurich.

Sun, L., J. G. Jin, D.-H. Lee and K. W. Axhausen (2014) Characterizing travel time reliability and passenger path choice in a metro network, *Arbeitsberichte Verkehrs- und Raumplanung*, **916**, IVT, ETH Zurich, Zurich.

Sun, L., J. G. Jin, D.-H. Lee and K. W. Axhausen (2014) Characterizing multimodal transfer time using smart card data: the effect of time, passenger age, crowdedness and collective pressure, *Arbeitsberichte Verkehrs- und Raumplanung*, **1013**, IVT, ETH Zurich, Zurich.

Sun, L., K. W. Axhausen, D.-H. Lee and M. Cebrian (2015) Supplementary Information for “Quantifying long-term evolution of intra-urban spatial interactions”, *Arbeitsberichte Verkehrs- und Raumplanung*, **1117**, IVT, ETH Zurich, Zurich.

Erdöl Vereinigung Schweiz (2005) Erdöl - Preisbildung auf dem Ölmarkt, *Technical Report*, Erdöl Vereinigung Schweiz, Zurich.

Tasker, M. P. and K. W. Axhausen (1994) DynaMIT: A travel behaviour simulation using satisficing search methods, *Working Paper*, Imperial College London, London.

Transport for London (2003) Central London congestion charging scheme: Three months on, *Research Report*, Transport for London, London.

Thierstein, A., A. Förster, S. Conventz, K. Erhard and M. Ottmann (2013) Wohnungsnachfrage im Großraum München. Individuelle Präferenzen, verfügbares Angebot und räumliche Maßstabsebenen, *Research Report*, Chair of Urban Development, Technische Universität München, Munich.

Tirachini, A., L. Sun and A. L. Erath (2013) Valuation of sitting and standing in public transport using revealed preferences, *Arbeitsberichte Verkehrs- und Raumplanung*, **919**, IVT, ETH

Zurich, Zurich.

Titze, T. (2007) Entwicklung eines ÖV-Routingmoduls für Multiagentensimulationen, *Term Report*, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin.

Trischler, F. and D. Kistler (2011) Erwerbsverläufe und Alterseinkünfte im Paar- und Haushaltskontext, *SOEPpapers on Multidisciplinary Panel Data Research*, **429**, DIW Berlin, The German Socio-Economic Panel (SOEP), Berlin.

Tu, Y. and P. Li (2011) Neighborhood bonding social capital, risk aversion and residential relocation choice, *Working Paper*, **IRES2011-019**, Institute of Real Estate Studies, National University of Singapore, Singapore.

Theler, B. and K. W. Axhausen (2013) When is a bus full? A study of perception, *Arbeitsberichte Verkehrs- und Raumplanung*, **855**, IVT, ETH Zurich, Zurich.

Transport Canada (1994) Guide to Benefit-Cost Analysis in Transport Canada, *Technical Report*, Economic Evaluation Branch, Transport Canada, Ottawa.

Upadhyay, D., N. Schüssler, K. W. Axhausen, M. Flamm and V. Kaufmann (2008) Optimal parameter values for mode detection in GPS post-processing: An experiment, *Working Paper*, **506**, IVT, ETH Zurich, Zurich.

UN (2013) World population prospects: The 2012 revision; highlights and advance tables, *Technical Report*, **ESA/P/WP.228**, United Nations, New York.

UN (2009) Planning sustainable cities, *Technical Report*, United Nations, London.

UN (2007) State of the world population 2007 - unleashing the potential of urban growth, *Technical Report*, United Nations Populations Funds, New York.

UNFCCC (2008) National greenhouse gas inventory data for the period 1990-2006, *Technical Report*, **FCCC/SBI/2008/12**, United Nations Framework Convention on Climate Change, Poznan.

URA (2008) The planning act masterplan written statement, *Technical Report*, Urban Redevelopment Authority, Singapore.

Willeke, R. and U. Paulußen (1991) Berücksichtigung projektbedingter Ersparnisse an Reisezeit im nicht-gewerblichen Personenverkehr bei der Planung von Verkehrswegen des Bundes, *Working Paper*, University of Cologne, Institut für Verkehrswissenschaft, Cologne.

van Eggermond, M. A. B., N. Schüssler and K. W. Axhausen (2007) Accounting for similarities in air transport route choice, *Working Paper*, **496**, IVT, ETH Zurich, Zurich.

van Eggermond, M. A. B. (2013) Pedestrian and transit accessibility on a micro-level: results and challenges, *Arbeitsberichte Verkehrs- und Raumplanung*, **961**, Future Cities Laboratory,

Singapore-ETH Centre (SEC), Singapore.

van Eggermond, M. A. B., , A. L. Erath and K. W. Axhausen (2015) Vehicle ownership and usage in Switzerland: the role of micro and macro-accessibility, *Arbeitsberichte Verkehrs- und Raumplanung*, **1093**, IVT, ETH Zurich, Zurich.

Vaze, V. S., S. Schönfelder and K. W. Axhausen (2005) Continuous space representations of human activity spaces, *Working Paper*, **295**, IVT, ETH Zurich, Zurich.

Vitins, B. J. and K. W. Axhausen (2012) Road and intersection typology for urban simulations, *Arbeitsberichte Verkehrs- und Raumplanung*, **797**, IVT, ETH Zurich, Zurich.

Vitins, B. J., I. Garcia-Dorado, C. A. Vanegas, D. G. Aliaga and K. W. Axhausen (2012) Evaluation of shape grammar rules for urban transport network design, *Arbeitsberichte Verkehrs- und Raumplanung*, **792**, IVT, ETH Zurich, Zurich.

Vitins, B. J., A. L. Erath and K. W. Axhausen (2015) Integration of a Capacity Constrained Workplace Choice Model: Recent Developments and Applications for an Agent-Based Simulation in Singapore, *Arbeitsberichte Verkehrs- und Raumplanung*, **1106**, IVT, ETH Zurich, Zurich.

Vogt, W. (2001) Zur Numerik nichtlinearer Gleichungssysteme (Teil 1), *Working Paper*, **Pre-print No. M 12/01**, IfMath, TU Ilmenau, Ilmenau.

VSS (1994) Projektierung, Grundlagen - Einführung in die Normen über die Projektierung der Linienführung, *Norm*, **SN 640 039**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1999) Massgebender Verkehr, *Norm*, **SN 640 016A**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2010) Ganglinientypen und durchschnittlicher werktäglicher Verkehr, *Norm*, **SN 640 005B**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2006) Kosten-Nutzen-Analysen im Strassenverkehr; Grundnorm, *Norm*, **SN 641 820**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2014) Generalisierte Kosten aus Fahrzeit und Zuverlässigkeit, *Norm*, **SN 641 825**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentypen, *Norm*, **SN 640 040b**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentyp: Hochleistungsstrassen, *Norm*, **SN 640 041**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentyp: Hauptverkehrsstrassen, *Norm*, **SN 640 042**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentyp: Verbindungsstrassen, *Norm*, **SN 640 043**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentyp: Sammelstrassen, *Norm*, **SN 640 044**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Projektierung, Grundlagen - Strassentyp: Erschliessungsstrassen, *Norm*, **SN 640 045**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1994) Projektierung, Grundlagen, *Norm*, **SN 640 040b**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1994) Geschwindigkeit als Projektierungselement, *Norm*, **SN 640 080**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2006) Diskontsatz in Kosten- Nutzen- Analysen im Verkehr, *Norm*, **SN 641 821**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2008) Kosten-Nutzen-Analysen im Strassenverkehr: Kosten des betrieblichen Unterhalts von Strassen, *Norm*, **SN 641 826**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2009) Kosten-Nutzen-Analysen im Strassenverkehr: Bewertung und Abschätzung der Zuverlässigkeit im Verkehr, *Norm*, **SN 641 826**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2009) Kosten-Nutzen-Analysen im Strassenverkehr; Betriebskosten von Strassenfahrzeugen, *Norm*, **SN 641 827**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2009) Kosten-Nutzen-Analysen (KNA) bei Massnahmen im Strassenverkehr: Zeitkosten im Personenverkehr, *Norm*, **SN 641 822a**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (1992) Geometrisches Normalprofil - Erarbeitung, *Norm*, **SN 640 202**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2006) Kosten-Nutzen-Analysen (KNA) bei Massnahmen im Strassenverkehr, *Norm*, **SN 641 820**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2005) Kosten-Nutzen-Analysen (KNA) bei Massnahmen im Strassenverkehr, *Norm*, **SN 641 822**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (forthcoming) Kosten-Nutzen-Analysen (KNA) bei Massnahmen im Strassenverkehr, *Norm*, **SN 641 822a**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2010) Kosten-Nutzen-Analysen im Strassenverkehr: Unfallraten und Unfallkostensätze, *Norm*, **SN 641 824**, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (forthcoming) Betriebs- und Unterhaltskosten von Strassenfahrzeugen, *Norm*, SN 641 827, Swiss Association of Road and Transport Professionals (VSS), Zurich.

VSS (2006) Kosten-Nutzen-Analysen im Strassenverkehr: Externe Kosten, *Norm*, SN 641 828, Swiss Association of Road and Transport Professionals (VSS), Zurich.

Waraich, R. A., C. Dobler, C. Weis and K. W. Axhausen (2012) Optimizing parking prices using an agent based approach, *Arbeitsberichte Verkehrs- und Raumplanung*, **794**, IVT, ETH Zurich, Zurich.

Waraich, R. A. and K. W. Axhausen (2012) An agent-based parking choice model, *Arbeitsberichte Verkehrs- und Raumplanung*, **696**, IVT, ETH Zurich, Zurich, August 2012.

Waraich, R. A., G. Georges, M. D. Galus and K. W. Axhausen (2013) Adding Electric Vehicle Modeling Capability to an Agent-based Transport Simulation, *Arbeitsberichte Verkehrs- und Raumplanung*, **879**, IVT, ETH Zurich, Zurich.

Waraich, R. A., C. Dobler and K. W. Axhausen (2013) A parking search strategy equilibrium model, *Arbeitsberichte Verkehrs- und Raumplanung*, **914**, IVT, ETH Zurich, Zurich.

Waraich, R. A., D. Charypar, M. Balmer and K. W. Axhausen (2009) Performance improvements for large scale traffic simulation in MATSim, *Working Paper*, **565**, IVT, ETH Zurich, Zurich, August 2009.

Wardman, M. and J. P. Hine (2000) Costs of interchange: A review of the literature, *Working Paper*, **546**, Institute for Transport Studies, University of Leeds.

Wegmann, F. and J. Everett (2008) Minimum travel demand model calibration and validation guidelines for state of Tennessee, *Technical Report*, Center for Transportation Research, University of Tennessee, Knoxville, Tennessee.

Weidmann, U. (1992) Transporttechnik der Fussgänger - Transporttechnische Eigenschaften des Fussgängerverkehrs, Literaturlauswertung, *Schriftenreihe*, **90**, IVT, ETH Zurich, Zurich.

Weidmann, U., S. Buchmüller, M. Rieder, J. Nash, A. L. Erath and A. Carell (2006) Europäische Marktstudie für das System Swissmetro, *Schriftenreihe*, **134**, IVT, ETH Zurich, Zurich.

Weis, C. and K. W. Axhausen (2013) SBB-Studie: Benzinpreis und Bahnnutzung, *Travel Survey Metadata Series*, **39**, IVT, ETH Zurich, Zurich.

Weis, C. and K. W. Axhausen (2013) SVI Neuverkehr – Aktivitätenorientierte Analyse des Neuverkehrs, *Travel Survey Metadata Series*, **40**, IVT, ETH Zurich, Zurich.

Weis, C., K. W. Axhausen, R. Schlich and R. Zbinden (2009) Models of mode choice and mobility tool ownership beyond 2008 fuel prices, *Working Paper*, **566**, IVT, ETH Zurich, Zurich.

Weis, C., C. Dobler and K. W. Axhausen (2010) An interactive stated adaptation survey of activity scheduling decisions, *Working Paper*, **637**, IVT, ETH Zurich, Zurich.

Weis, C., M. Vrtic, J.-P. Widmer and K. W. Axhausen (2011) Influence of parking on location and mode choice: A stated choice survey, *Working Paper*, **684**, IVT, ETH Zurich, Zurich.

Weis, C., M. Vrtic, P. Widmer and K. W. Axhausen (2013) Influence of Parking on Location and Mode Choice: A Stated Choice Survey, *Travel Survey Metadata Series*, **41**, IVT, ETH Zurich, Zurich.

Whitehead, C., A. Peters and K. W. Axhausen (2009) Socio-demographic and attitudinal factors influencing vehicle choice and energy consumption, *Working Paper*, **xxx**, IVT, ETH Zurich, Zurich.

Widmer, J.-P. and K. Meister (2005) Ausgewählte Zeitreihen zur Schweizer Verkehrsentwicklung, *Lecture Notes*, **2**, IVT, ETH Zurich, Zurich.

Widmer, P. and K. W. Axhausen (2001) Aktivitäten-orientierte Personenverkehrsmodelle: Vorstudie, *Technical Report*, Swiss Association of Transportation Engineers and Experts (SVI), Zurich, January 2001.

Widmer, J.-P. (2002) Accessibility by air passenger transport related to switzerland, *Technical Report*, **112**, IVT, Zurich.

Wolff, S. (2004) A local and globalized, constrained and simple bounded nelder-mead method, *Technical Report*, Bauhaus-Universität Weimar.

Yang, W., L. Zhang, F. Ciari and K. W. Axhausen (2014) An adaptive three-stage fuzzy controller for signalized intersections using golden ratio based genetic algorithm: A comprehensive study, *Arbeitsberichte Verkehrs- und Raumplanung*, **1026**, IVT, ETH Zurich, Zurich.

Zheng, N., R. A. Waraich, N. Geroliminis and K. W. Axhausen (2012) A dynamic cordon pricing scheme combining a macroscopic and an agent-based traffic models, *Working Paper*, **693**, IVT, ETH Zurich, Zurich.

Zilske, M., S. Schröder, K. Nagel and G. Liedtke (2012) Adding freight traffic to matsim, *Working Paper*, **12–02**, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin.

Zöllig, C. and K. W. Axhausen (2010) Calculating benefits of infrastructural investment, *Working Paper*, **612**, IVT, ETH Zurich, Zurich.

Zöllig, C. and K. W. Axhausen (2011) How to model the gains from infrastructure investment?, *Working Paper*, **673**, IVT, ETH Zurich, Zurich.

Zöllig Renner, C. and K. W. Axhausen (2012) Comparing estimation results of land use development models using different data bases available in Switzerland, *Arbeitsberichte Verkehrs- und Raumplanung*, **796**, IVT, ETH Zurich, Zurich.

Zöllig, C. and K. W. Axhausen (2013) European Policy brief: Case studies in Paris, Zurich and Brussels, *Deliverable*, **7.3**, IVT, ETH Zurich, Zurich.

Zumkeller, D., W. Manz, J. Last and B. Chlond (2005) Die intermodale Vernetzung von Personenverkehrsmitteln unter Berücksichtigung der Nutzerbedürfnisse (INVERMO), *Final Report*, Institut für Verkehrswesen, University of Karlsruhe, Federal Ministry of Education and Research, Karlsruhe.

Zhu, S., N. Tilahun, D. Levinson and X. He (2010) Planned versus unplanned: Travel impacts and adjustment strategies of the collapse and the reopening of I-35W bridge, *Working Paper*, Networks, Economics, and Urban Systems (NEXUS) research group, University of Minnesota, Minneapolis.

RESEARCHREPORT-AUTHOR (0000) TITLE, *TYPE*, resprogram, **number**, CLIENT, INSTITUTION, address, month 0000.

RESEARCHREPORT-AUTHOR (0001) A research report with all information, *Final Report*, F&E Förderung: Science to Market, **1234**, Datapuls AG, IVT, ETH Zurich, Zurich, January 0001.

RESEARCHREPORT-AUTHOR (0001) Minimal version of a research report, *Research Report*, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich.

RESEARCHREPORT-AUTHOR (forthcoming) A research report in press, *Research Report*, A research program, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich, Zurich.

Abay, G. and K. W. Axhausen (2000) Zeitkostenansätze im Personenverkehr: Vorstudie, *Schriftenreihe*, **2000/42**, Swiss Association of Transportation Engineers and Experts (SVI), Swiss Federal Department for Environment, Transport, Energy and Communication, Berne.

Abay, G. (1999) Nachfrageabschätzung Swissmetro: Eine Stated-Preference Analyse, *Research Report*, Nationales Forschungsprogramm 41: Verkehr und Umwelt, **F1**, Swiss National Science Foundation (SNSF), Planungsbüro Abay & Meier, Berne.

Accent and Hague Consulting Group (1999) The Value of Travel Time on UK roads, *Research Report*, Department for Environment, Transport and the Regions, Accent, Hague Consulting Group, London.

ADM Arbeitskreis Deutscher Markt- und Sozialforschungsinstitute e.V. (2012) Dual-Frame-Ansätze 2011/ 2012 - Forschungsbericht, *Research Report*, ADM Arbeitskreis Deutscher Markt- und Sozialforschungsinstitute e.V., ADM Arbeitskreis Deutscher Markt- und Sozialforschungsinstitute e.V.

Albrecht, B., T. Lütolf and T. Waltert (1998) Verkehrskennwerte von Einkaufszentren: Verkehrsaufkommen, Parkfelder und Verkehrsflächen, *Research Report*, **VSS 7/95**, Schweizerischer Verband der Strassen- und Verkehrsfachleute (VSS), Albrecht & Partner AG, Lucerne.

Algers, S., E. Bernauer, M. Boero, L. Breheret, C. Di Taranto, M. Dougherty, K. Fox and J.-F. Gabard (1998) A review of micro-simulation models, *Research Report*, Smartest: Trans-



port RTD Programme of the 4th Framework Programme, European Commission, Institute for Transport Studies, University of Leeds, Leeds.

Anable, J., B. Lane and T. Kelay (2006) Evidence base review of public attitudes to climate change and travel behaviour, *Research Report*, Department for Transport, Centre for Transport Policy, Robert Gordon University, Ecolane Transport Consultancy and Environmental Psychology Research Group, University of Surrey, Aberdeen, Bristol and Guildford, July 2006.

Blessing, R. and A. Burgener (2008) 13. Berichterstattung im Rahmen der Energieverordnung über die Absenkung des spezifischen Treibstoff-Normverbrauchs von Personenwagen 2008, *Technical Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Auto Schweiz, Association of Swiss car importers, Berne.

Blessing, R. and A. Burgener (2008) 13. Berichterstattung im Rahmen der Energieverordnung über die Absenkung des spezifischen Treibstoff-Normverbrauchs von Personenwagen 2008, *Technical Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Auto Schweiz, Association of Swiss car importers, Berne.

Axhausen, K. W. and A. König (2002) Zuverlässigkeit als entscheidungsvariable (vorstudie), schlussbericht svi 44/00, *Schriftenreihe*, **1039**, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Department for Environment, Transport, Energy and Communication, Berne.

Axhausen, K. W. (1989) Ortskenntnis und Parkplatzwahlverhalten, *Research Report*, Deutsche Forschungsgemeinschaft, Institut für Verkehrswesen, University of Karlsruhe, Karlsruhe.

Axhausen, K. W., S. Beige and M. Bernard (2004) Grundlagenbericht für die Perspektiven des Schweizer Personenverkehrs bis 2030. Prognose über Besitz und Nutzenintensität von Mobilitätswerkzeugen im Personenverkehr, *Research Report*, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich, Berne.

Axhausen, K. W. and A. Loder (2016) Fahrausweisbesitz in verschiedenen befragungskontexten, *Final Report*, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Office for Spatial Development (ARE), Berne.

Axhausen, K. W., I. Ehreke, A. Glemser, S. Hess, C. Joedden, K. Nagel, A. Sauer and C. Weis (2015) Ermittlung von Bewertungsansätzen für Reisezeiten und Zuverlässigkeit auf Basis der Schätzung eines Modells für modale Verlagerungen im nicht-gewerblichen und gewerblichen Personenverkehr für die Bundesverkehrswegeplanung: FE-Projekt 96.996/2011 Zeitkosten Personenverkehr, *Research Report*, Federal Ministry of Transport and Digital Infrastructure (BMVI), IVT, ETH Zurich, Berlin.

Axhausen, K. W., A. Horni and H. J. Herrmann (2015) The Risk for a Gridlock and the Macroscopic Fundamental Diagram, *Final Report*, ETH Zurich, IVT, ETH Zurich, Zurich.

Axhausen, K. W., T. Bischof, R. Fuhrer, R. Neuenschwander, G. Sarlas and P. Walker (2015) Gesamtwirtschaftliche Effekte des öffentlichen Verkehrs mit besonderer Berücksichtigung der

Verdichtungs- und Agglomerationseffekte, *Final Report*, SBB Lab, IVT, ETH Zurich and Eco-plan, Zurich and Berne.

Axhausen, K. W., P. M. Bösch, F. Ciari and B. Schmid (2015) Autonomous Cars – The next revolution in mobility, *Project Proposal*, Swiss National Science Foundation (SNSF), Swiss National Science Foundation (SNSF), Berne.

Axhausen, K. W., B. Jäggi and C. Dobler (2015) Bemessungsverkehrsstärken: Ein neuer Ansatz, *Final Report*, Swiss Association of Road and Transport Professionals (VSS), UVEK, Berne.

BVU, ITP and planco (2009) Aktualisierung von Bewertungsansätzen für Wirtschaftlichkeitsuntersuchungen in der Bundesverkehrswegeplanung, Schlussbericht für das BMVBS, *Final Report*, Federal Minister for Transport, Building and Urban Development (BMVBS), BVU, ITP, planco.

Baier, R., C. Hebel, C. Peter and K. H. Schäfer (2000) Gesamtwirkungsanalyse zur Parkraumbewirtschaftung, *Research Report*, Bundesamt für Strassenwesen (BAST), Büro für Stadt- und Verkehrsplanung Dr.Ing. Reinhold Baier GmbH, Aachen.

Balmer, M., A. Horni, K. Meister, F. Ciari, D. Charypar and K. W. Axhausen (2009) Wirkungen der Westumfahrung Zürich: Eine Analyse mit einer Agenten-basierten Mikrosimulation, *Final Report*, Baudirektion Kanton Zurich, IVT, ETH Zurich, Zurich, February 2009.

Baranzini, A., D. Neto and D. Weber (2009) Elasticité-prix de la demande d'essence en Suisse, *Final Report*, Swiss Federal Office of Energy (SFOE), Centre de Recherche Appliquée en Gestion, Geneva School of Business Administration and Laboratoire d'Economie Appliquée, University of Geneva, Berne.

Bates, J. J. (1996) Time period choice modelling: a preliminary review, *Final Report*, Department for Transport, John Bates Services, Oxford.

Beckmann, K. J., C. Juergens, M. Kreitz, K. W. Axhausen, A. König, R. Schlich, S. Schönfelder, M. Friedrich, T. Haupt, A. Zimmermann, H.-J. Klein, M. Kehle and B. Krebs (2002) Mobiplan, Endbericht, *Final Report*, Federal Ministry of Education and Research, Institut für Stadtbauwesen und Strassenverkehr (ISB) and PTV and IVT and Institut für Soziologie.

Balmer, M., K. Meister, R. A. Waraich, A. Horni, F. Ciari and K. W. Axhausen (2010) Agenten-basierte Simulation für location based services, *Final Report*, F&E Förderung: Science to Market, **KTI 8443.1 ESPP-ES**, Datapuls AG, IVT, ETH Zurich, Zurich, February 2010.

Bernard, M. and K. W. Axhausen (2008) Grundlagen für eine differenzierte Bemessung von Verkehrsanlagen, Endbericht für SVI 2000/339, *Schriftenreihe*, **1283**, Swiss Federal Roads Authority, Swiss Federal Department for Environment, Transport, Energy and Communication, Berne.

Bernard, M. and K. W. Axhausen (2008) Überprüfung der Schweizerischen Ganglinien, *Final Report*, **2006/201**, Swiss Association of Road and Transport Professionals (VSS), IVT, ETH Zurich, Zurich.

Bernard, M. and K. W. Axhausen (2008) Entwicklung eines Entscheidungsverfahrens zur Bemessung von Verkehrsanlagen (Grundlagen für eine grundlegende Neukonzeption der SN 640 016a „Massgebender Verkehr“), *Final Report*, **2000/339**, Swiss Association of Road and Transport Professionals (VSS), IVT, ETH Zurich.

Federal Minister for Transport (1993) Gesamtwirtschaftliche Bewertung von Verkehrswegeinvestitionen: Bewertungsverfahren für den Bundesverkehrswegeplan 1992, Schlussbericht zum FE-Vorhaben 90372/92, *Final Report*, Federal Minister for Transport, Federal Minister for Transport, Bonn.

Bhat, C. R., S. Srinivasan, J. Y. Guo and A. Sivakumar (2003) Activity-based travel-demand modeling for metropolitan areas in Texas: A micro-simulation framework for forecasting, *Final Report*, Texas Department of Transportation, University of Texas, Austin, February 2003.

Bickel, P., R. Friedrich, A. Burgess, P. Fagiani, A. Hunt, G. de Jong and L. Tavasszy (2006) Heatco deliverable 5: Proposal for harmonised guidelines, *Research Report*, Sixth Framework Programme, Institut für Energiewissenschaft und Rationelle Energieanwendung, University of Stuttgart, March 2006.

Birdsall, J., A. L. Erath, R. Hajdin, B. Adey, K. W. Axhausen and M. G. H. Bell (forthcoming) Consideration of vulnerability in the management of swiss transportation infrastructure, *Research Report*, Nationales Forschungsprogramm 54: Sustainable Development of the Built Environment, Swiss National Science Foundation (SNSF), Infrastructure Management Consultants and IVT, ETH Zurich, Berne.

Birdsall, J., A. L. Erath, R. Hajdin, B. Adey, K. W. Axhausen and M. G. H. Bell (2008) Consideration of vulnerability in the management of swiss transportation infrastructure, *Research Report*, Nationales Forschungsprogramm 54: Sustainable Development of the Built Environment, Swiss National Science Foundation (SNSF), Infrastructure Management Consultants and IVT, ETH Zurich, Berne.

Birn, K., H. Bolik and P. Rieken (2005) Die gesamtwirtschaftliche Bewertungsmethodik Bundesverkehrswegeplan 2003, Schlussbericht zum FE-Vorhaben 96.0790/2003, *Final Report*, Federal Minister for Transport, Building and Housing (BMVMW), BVU Beratergruppe Verkehr + Umwelt GmbH, Ingenieurgruppe IVV, Planco, Berlin.

Bodenmann, B. R., N. Holenstein and A. Zeiler (2014) Forschungspaket verkehrssicherheitsgewinne durch datapooling und strukturierte datenanalysen (vespa): Synthesebericht phase 1, *Interim Report*, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, Zurich.

Bösch, P. M., M. Jakob, N. Zheng and G. Rérat (2014) Netcap – intermodal capacity of links,

segments and networks, *Interim Report*, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, Zurich.

Buliung, R. N. and T. Hernández (2009) Places to shop and places to grow, *Research Report*, NEPTIS Studies on the Toronto Metropolitan Region, NEPTIS, University of Toronto and Ryerson University, Toronto.

Bradley, M. A. and J. L. Bowman (2009) SCAG project 09-012: Strategy for activity-based travel demand model development with travel survey - final report, *Research Report*, Southern California Association of Governments - SCAG, Mark Bradley Research & Consulting, Transportation Systems and Decision Sciences, Santa Barbara.

Cayford, R., W.-H. Lin and C. F. Daganzo (1997) The NETCELL simulation package: Technical description, *Research Report*, **UCB-ITS-PRR-97-23**, California Partners for Advanced Transit and Highways (PATH), University of California, Berkeley, Berkeley, May 1997.

Cambridge Systematics Inc. (2008) Tel Aviv activity schedule travel demand model system: A tour-based approach, *Research Report*, Ministry of Transport, Cambridge Systematics Inc., December 2008.

Chaumet, R., P. Locher, F. Bruns, D. Imhof, M. Bernard and K. W. Axhausen (2007) Verfahren zur berücksichtigung der zuverlässigkeit in evaluationen, *Schriftenreihe*, **1176**, Swiss Federal Roads Authority, Swiss Federal Department for Environment, Transport, Energy and Communication, Berne.

Ciari, F. (2013) Agent-based modeling of retailers and their reactions to road pricing, *Final Report*, ETH Research Grants, IVT, ETH Zurich, Zurich.

Cornélis, E., J.-P. Hubert, P. Huynen, K. Lebrun, G. Patriarche, A. de Witte, L. Creemers, K. Declercq, D. Janssens, M. Castaigne, L. Hollaert and F. Walle (2012) Belgian daily mobility—BELDAM: Enquête sur la mobilité quotidienne des Belges, *Research Report*, Politique scientifique fédérale - Programme AGORA, SPF Mobilité & Transports, FUNDP, GRT, VUB, MOSI-T, UHasselt, IMOB, Brussels.

de Jong, R., M. Pieters, A. J. Daly, I. Graafland, E. Kroes and C. Koopmans (2005) Using the logsum as an evaluation measure: Literature and case study, *Final Report*, **WR-275-AVV**, Transport Research Centre of the Dutch Ministry of Transport, RAND Europe, Leiden.

DemoSCOPE und Planungsbüro Jud (2007) Rennweg mit und ohne Parkplätze: Erhebungen und Befragungen, *Final Report*, Stadt Zürich, DemoSCOPE und Planungsbüro Jud, Zurich.

German Aerospace Centre, Institute of Transport Research, Fraunhofer IAO-Institut für Arbeitswirtschaft und Organisation, FTK-Forschungsinstitut für Telekommunikation e.V. and Technical University Berlin (2007) Dienstleistungsverkehr in industriellen Wertschöpfungsprozessen, *Final Report*, Bundesministerium für Wirtschaft und Technologie, DemoSCOPE, Planungsbüro Jud, Berlin.

Dobler, C., M. Kowald, B. Jäggi, J. Koot and K. W. Axhausen (2013) Grossräumige Evakuierung – Agenten-basierte Analyse, *Final Report*, Swiss Federal Office for Civil Protection (FOCP), IVT, ETH Zurich, Zurich.

Dörnenburg, K., G. Kooijman and P. Hitz (2001) Alpen- und grenzquerender Personenverkehr 2001 (A+GQPV 01), *Final Report*, Nationales Forschungsprogramm 41: Verkehr und Umwelt, **F1**, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Roads Authority and Swiss Federal Office of Transport, Sigmaplan, Berne.

Enz, R. (2005) Fakten statt Wunschdenken in der Verkehrspolitik: Zur Wirkung von Parkplatz- und Fahrtenbeschränkungen im Einkaufsverkehr, *Research Report*, Avenir Suisse, Enz & Partner GmbH, Zurich.

Erath, A. L. and K. W. Axhausen (2009) Long term fuel price elasticity: Effects on mobility tool ownership and residential location choice, *Technical Report*, Swiss Federal Office of Energy (SFOE), Federal Office for the Environment (FOEN), IVT, ETH Zurich, Berne.

Erath, A. L. and K. W. Axhausen (2010) Long term fuel price elasticity: Effects on mobility tool ownership and residential location choice, *Technical Report*, Swiss Federal Office of Energy (SFOE), Federal Office for the Environment (FOEN), IVT, ETH Zurich, Berne.

Fan, Y., J. Wolfson, G. Adomavicius, K. V. Das, Y. Khandelwal and J. Kang (2015) SmartTrAC: A smartphone solution for context-aware travel and activity capturing, *Final Report*, U.S. Department of Transportation, U.S. Department of Transportation.

Flamm, M., C. Jemelin and V. Kaufmann (2008) Travel behaviour adaptation processes during life course transitions: A methodological and empirical study using a person based GPS tracking system, *Final Report*, Cost-355: Changing Behaviour Towards a More Sustainable Transport System, Swiss State Secretariat for Education and Research, EPF Lausanne, Laboratory for Urban Sociology, Lausanne, October 2008.

Florian, M. (1981) The convergence of diagonalization algorithms for fixed demand asymmetric network equilibrium problems, *Research Report*, **198**, Université de Montréal, Université de Montréal, Center of Transportation Research, Montreal.

Fosgerau, M., K. Hjorth and S. Lyk-Jensen (2007) The danish value of time study, *Final Report*, Technical University of Denmark, Technical University of Denmark, Danish Transport Research Institute, Copenhagen.

Frei, A. and K. W. Axhausen (2009) Archived data set (according to the current DDI standard), *Research Report*, Sixth Framework Programme, European Union, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2009) Call for tender for pilot survey, *Research Report*, European Union, IVT, ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2009) Report about field work and recommendations for a survey of intermodal long-distance travel in Europe, *Research Report*, European Union, IVT,

ETH Zurich, Zurich.

Frei, A. and K. W. Axhausen (2009) Report about results: User requirements and indications about demand volumes, *Research Report*, European Union, IVT, ETH Zurich, Zurich.

Fried, M., J. Havens and M. Thall (1977) Travel behavior - a synthesized theory, *Final Report*, National Cooperative Highway Research Program, Transportation Research Board, Boston College, Washington, D.C.

Fröhlich, P., K. W. Axhausen, M. Vrtic, C. Weis and A. L. Erath (2012) SP-Befragung 2010 zum Verkehrsverhalten im Personenverkehr, *Research Report*, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich, Berne.

Fröhlich, P. and K. W. Axhausen (2012) Übersicht zu Stated Preference-Studien in der Schweiz und Abschätzung von Gesamlastizitäten, Statusbericht 2012, *Research Report*, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich, Zurich.

Galus, M. D., G. Georges and R. A. Waraich (2012) Abschlussbericht des Projekts ARTEMIS (Abating Road Emissions Through Efficient (electric) Mobility - Interactions with the electric System), *Final Report*, Elektrizitätswerk der Stadt Zürich (EWZ), IVT, ETH Zurich, Zurich.

Gibbons, S., T. Lyytikainen, H. Overman, R. Sanchis-Guarner and J. Laird (2010) Evaluating the productivity impacts of road transport schemes: Report on pilot study findings, *Final Report*, Department for Transport, London School of Economics and Institute for Transport Studies, University of Leeds, London.

Graham, D. J., S. Gibbons and R. Martin (2009) Transport investment and the distance decay of agglomeration benefits, *Research Report*, prepared for the UK Department for Transport, Imperial College London, London, January 2009.

Haefeli, U., D. Matti, C. Schreyer and M. Maibach (2006) Evaluation car-sharing: Schlussbericht, *Research Report*, Swiss Federal Office of Energy (SFOE), Interface Politikstudien and INFRAS, Berne.

Haefeli, U. (2008) Moving towards sustainability? the consequences of residential relocation for mobility and the built environment. an experimental intervention study, *Research Report*, Nationales Forschungsprogramm 54: Sustainable Development of the Built Environment, Swiss National Science Foundation (SNSF), Interface Politikstudien, Berne.

Hague Consulting Group (1996) Further research into the value of travel time variations, *Research Report*, **6060**, Transport Research Centre of the Dutch Ministry of Transport, Hague Consulting Group, The Hague.

Hague Consulting Group (1998) Value of dutch travel time savings in 1997: Final report, *Research Report*, **6068**, Transport Research Centre of the Dutch Ministry of Transport, Hague Consulting Group, The Hague.

Hans, J. M. and T. C. Sell (1974) Evacuation risks: an evaluation, *Final Report*, U.S. Environmental Protection Agency and Office of Radiation Programs, National Environmental Research Center, Las Vegas.

Hess, S., A. L. Erath and K. W. Axhausen (2008) Zeitwerte im Personenverkehr: Wahrnehmungs- und Distanzabhängigkeit, *Research Report*, Forschungsauftrag Nr. 2005/007, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, Zurich.

Follmer, R., D. Gruschwitz, B. Jesske, S. Quandt, B. Lenz, C. Nobis, K. Köhler and M. Mehlin (2010) Mobilität in Deutschland 2008, *Final Report*, Federal Minister for Transport, Building and Urban Development (BMVBS), infas Institute for Applied Social Sciences, German Aerospace Centre, Institute of Transport Research, Bonn.

Iten, R., S. Hammer, M. Keller, N. Schmidt, K. Sammer and R. Wüstenhagen (2005) Massnahmen zur Absenkung des Flottenverbrauchs Abschätzung der Wirkung, *Final Report*, Swiss Federal Office of Energy (SFOE), Institute for Economics and Ecologies and Institut for Economy and the Environment, University of St.Gallen (HSG), Berne.

Jäggi, B., C. Dobler and K. W. Axhausen (2013) Werkzeug zur aktuellen Ganglinien-norm, Schlussbericht ASTRA 2010/020, *Schriftenreihe*, **1412**, Swiss Federal Roads Authority, UVEK, Berne.

Khattak, A. J. (1993) Behavioral impacts of recurring and incident congestion and response to advanced traveler information systems in the bay area: An overview, *Research Report*, California Partners for Advanced Transportation Technology (PATH), **UCB-ITS-PWP-93-12**, California Department of Transportation, University of California, Berkeley, Institute of Transportation Studies (ITS), Berkeley, September 1993.

Khattak, A. J., A. Polydoropoulou and M. E. Ben-Akiva (1996) Commuters' normal and shift decisions in unexpected congestion: Pre-trip response to advanced traveler information systems, *Research Report*, California Partners for Advanced Transportation Technology (PATH), **UCB-ITS-PRR-96-07**, California Department of Transportation, University of California, Berkeley, Institute of Transportation Studies (ITS), Berkeley, March 1996.

Kiefer, J. J., P. Jenkins and S. Laska (2009) City-assisted evacuation plan participant survey report, *Research Report*, New Orleans Office of Emergency Preparedness, University of New Orleans, Center for Hazards Assessment, Response & Technology, New Orleans, April 2009.

Killer, V., B. J. Vitins, N. Braun and M. Gmünder (2010) Agglomerationsdefinition Schweiz - Vertiefte Abklärung der Eignung von Erreichbarkeitsdaten als Substitut für die Pendlerdaten im Rahmen einer Agglomerationsdefinition für die Schweiz, *Final Report*, Swiss Federal Statistical Office (BFS), ETH Zurich and B,S,S. Economic Consultants, Neuchatel.

KONSO Institut für Konsumenten- und Sozialanalysen AG (2005) Wirkung von Parkplatzbeschränkungen im Einkaufsverkehr - Kurzdokumentation zur Primärforschung, *Research Report*, Migros Genossenschaftsbund, KONSO Institut für Konsumenten- und Sozialanalysen

AG, Basel.

König, A., K. W. Axhausen and G. Abay (2004) Zeitkosten im Personenverkehr, *Schriftenreihe*, **2001/534**, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, Planungsbüro Abay & Meier, St. Gallen.

Kritzinger, S., S. Rikus, A. Auf der Maur, H. Schad, M. Lutzenberger and K. W. Axhausen (2013) Messen des Nutzens von Massnahmen mit Auswirkungen auf den Langsamverkehr: Vorstudie, Schlussbericht SVI 2010/004, *Schriftenreihe*, **1442**, Swiss Federal Department for Environment, Transport, Energy and Communication, UVEK, Berne.

Larsen, J., J. Urry and K. W. Axhausen (2006) Social networks and future mobilities, *Research Report*, Department for Transport, University of Lancaster and IVT, Lancaster, K. J. and Zurich.

Le Vine, S. and P. M. Jones (2012) On the move: Making sense of car and train travel trends in Britain, *Final Report*, RAC Foundation, Imperial College London and University College London, London.

Levinson, D., D. W. Gillen and E. Chang (1999) Assessing the benefits and costs of intelligent transportation systems: The value of advanced traveler information systems, *Research Report*, California Partners for Advanced Transportation Technology (PATH), **UCB-ITS-PRR-99-20**, California Department of Transportation, University of California, Berkeley, Institute of Transportation Studies (ITS), Berkeley, March 1999.

Lieb, C., F. Gubler and H. Sommer (2003) NISTRA: Nachhaltigkeitsindikatoren für Strasseninfrastrukturprojekte, *Final Report*, Swiss Federal Roads Authority, Ecoplan, Berne.

Lüdi, G. and I. Werlen (2005) Eidgenössische Volkszählung 2000: Sprachenlandschaft in der Schweiz, *Final Report*, Swiss Federal Statistical Office (BFS), University of Basel, University of Bern, Neuchatel.

Mackie, P. J., M. Wardman, A. S. Fowkes, G. Whelan, J. Nellthorp and J. J. Bates (2003) Values of travel time savings in the UK, *Research Report*, Department for Transport, Institute for Transport Studies, University of Leeds, John Bates Services, Leeds, Abingdon.

Marti, P. and S. Waldvogel (2003) Modal Split-Ziele in der Schweizerischen Verkehrspolitik, *Research Report*, Swiss Federal Office of Transport, metron, Berne.

McFadden, D., A. Talvitie, S. Cosslett, I. Hasan, M. Johnson, F. A. Reid and K. E. Train (1977) Demand model estimation and validation, *Research Report*, Urban Travel Demand Forecasting Project Phase 1, **5**, National Science Foundation (USA), Institute of Transportation Studies, University of California, Berkeley and Irvine.

Menéndez, M., S. I. Guler and E. Puffe (2015) Traffic flow at uncontrolled urban intersections with attention to different modes of traffic; Determination of representative standard values and interrelations, *Technical Report*, **VSS 2011/38**, Swiss Association of Road and Transport



Professionals (VSS), Swiss Association of Road and Transport Professionals (VSS), Zurich.

Morlok, E. K., J. L. Schofer, W. P. Pierskalla, R. Marsten, S. K. Agarwal, J. W. Stoner, J. L. Edwards, L. J. LeBlanc and D. T. Spacek (1973) Development and application of a highway network design model, volumes 1 and 2, *Final Report*, Contract Number DOT-PH-11, Federal Highway Administration, Northwestern University, Evanston.

Müller, K. and K. W. Axhausen (2012) Weighting the OECD household survey on environmental behavior, *Research Report*, OECD, IVT, ETH Zurich, Zurich.

Muheim, P. (1998) Carsharing: The key to combined mobility, *Research Report*, Swiss Federal Office of Energy (SFOE), Peter Muheime & Partner, Lucerne.

Odgaard, T., C. E. Kelly and J. J. Laird (2005) Heatco deliverable 1: Current practice in project appraisal in Europe – analysis of country reports, *Research Report*, Sixth Framework Programme, Institut für Energiewissenschaft und Rationelle Energieanwendung, University of Stuttgart.

Pendyala, R. M. (2004) Phased implementation of a multimodal activity-based travel demand modeling system in florida. vol. ii: FAMOS users guide, *Final Report*, Florida Department of Transportation, Department of Civil and Environmental Engineering, University of South Florida, Tampa.

Pendyala, R. M., R. Kitamura, P. D. Reddy and Q. C. Chen (1995) Activity-based modeling system for travel demand forecasting, *Final Report*, Metropolitan Washington Council of Governments and Department for Transport, RDC Inc., San Francisco, September 1995.

Pinjari, A. R., N. Eluru, R. B. Copperman, I. N. Sener, J. Y. Guo, S. Srinivasan and C. R. Bhat (2006) Activity-based travel-demand analysis for metropolitan areas in Texas: CEMDAP models, framework, software architecture and application results, *Research Report*, **4080–8**, Texas Department of Transportation, Department of Civil, Architectural and Environmental Engineering, University of Texas Austin, Austin, October 2006.

Pitzinger, P. and P. Spacek (2009) Verkehrsqualität und Leistungsfähigkeit von komplexen ungesteuerten Knoten: Analytische Schätzverfahren, *Research Report*, Forschungsauftrag Nr. 2008/301, Swiss Association of Road and Transport Professionals (VSS), IVT, Zurich.

Planungsbüro Jud (1990) Parksuchverkehr Zürich, *Research Report*, Stadtplanungsamt der Stadt Zürich, Planungsbüro Jud.

Planungsbüro Jud (2010) Belegung und Verkehrsaufkommen von Parkfeldern in der Stadt Zürich, *Research Report*, Tiefbauamt der Stadt Zürich, Planungsbüro Jud.

RDC Inc. (1995) Activity-based modeling system for travel demand forecasting, *Research Report*, Travel Model Improvement Program, U.S. Environmental Protection Agency and U.S. Department of Transportation, org-rdc, San Francisco.

Rofique, J., A. Humphrey and C. Killpack (2011) National Travel Survey 2011 GPS pilot field report, *Research Report*, Department for Transport, org-natcen, London.

Sbayti, H. and D. Roden (2010) Best practices in the use of micro simulation models, *Research Report*, American Association of State Highway and Transportation Officials, AECOM, Arlington.

Sengupta, R. and B. Hongola (1998) Estimating atis benefits for the smart corridor, *Research Report*, California Partners for Advanced Transportation Technology (PATH), **UCB-ITS-PRR-98-30**, California Department of Transportation, University of California, Berkeley, Institute of Transportation Studies (ITS), Berkeley, March 1998.

Schüssler, N., M. Vrtic and K. W. Axhausen (2006) Soziodemographische Segmentierung der nationalen Streckenbelastungen, *Research Report*, Endoxon AG, IVT, ETH Zurich, Zurich.

Schultz, B. and R. Schilter (2003) Publikumsintensive Einrichtungen - Konsum und Freizeit, *Research Report*, Swiss Federal Office for Spatial Development (ARE), Institute for Spatial and Landscape Planning, ETH Zurich, Zurich.

Schoch, C., G. Sabatella, J. Steffen, T. Buchegger and R. Walder (2006) Einkaufen und Mobilität, *Research Report*, Migros Genossenschaftsbund, Institut für Umwelttechnik und Oekologie GmbH und Advokatur Dr. Walder & Partner, Lucerne.

Small, K. A., R. B. Noland, X. Chu and D. Lewis (1999) Valuation of travel-time savings and predictability in congested conditions for highway user-cost estimation, *Final Report*, **431**, National Cooperative Highway Research Program, Transportation Research Board, University of California Irvine, Washington, D.C.

Spiess, H. (1996) A logit parking choice model with explicit capacities, *Research Report*, EMME2 Support Center, INRO, Aegerten.

Significance, Vrije University Amsterdam and John Bates Services (2012) Values of Time and Reliability in Passenger and Freight Transport in the Netherlands, *Technical Report*, Dutch Ministry of Infrastructure and the Environment, Significance, The Hague.

Transportation Research Board (2002) Costs of sprawl, *Research Report*, **74**, Federal Transit Administration, Transportation Research Board, Washington, D.C.

Vitins, B. J., V. Killer, N. Braun and M. Gmünder (2010) Agglomerationsdefinition Schweiz - Überprüfung der Machbarkeit einer von Pendlerdaten unabhängigen Methode, *Final Report*, Swiss Federal Statistical Office (BFS), ETH Zurich and B,S,S. Economic Consultants, Neuchatel.

Vitins, B. J., T. Dubernet, A. Horni, N. Rieser-Schüssler and K. W. Axhausen (2012) MATSim Moduswahl Untersuchungen, *Final Report*, VW AG, Wolfsburg, IVT, ETH Zurich, Zurich.

Vrtic, M., P. Fröhlich, N. Schüssler, P. Kern, F. Perret, S. Pfisterer, C. Schulze, A. Zimmer-

mann, U. Heidl and K. W. Axhausen (2005) Verkehrsmodell für den öffentlichen Verkehr des Kantons Zürich, *Research Report*, Office for Transport of the Canton Zurich, IVT, ETH Zurich, Ernst Basler + Partner AG, PTV, Zurich.

Vrtic, M., K. W. Axhausen, F. Rossera and R. Maggi (2003) Verifizierung von Prognosemethoden im Personenverkehr, *Research Report*, Swiss Railways, Swiss Federal Office for Spatial Development (ARE), IVT, ETH Zurich, Institute for Economic Research (IRE), University of Lugano, Zurich.

Vrtic, M., N. Schüssler, A. L. Erath, K. W. Axhausen, E. Frejinger, J. Stojanovic, M. Bierlaire, R. Rudel, S. Scagnolari and R. Maggi (2007) Einbezug von Reisekosten bei der Modellierung des Mobilitätsverhaltens, *Research Report*, Forschungsauftrag Nr. 2005/004, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, TRANSP-OR, EPF Lausanne and Institute for Economic Research (IRE), University of Lugano, Zurich.

Vrtic, M., P. Fröhlich, N. Schüssler, S. Dasen, S. Erne, B. Singer, K. W. Axhausen and D. Lohse (2005) Erzeugung neuer Quell-/Zielmatrizen im Personenverkehr, *Research Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Roads Authority and Swiss Federal Office of Transport, IVT, ETH Zurich, Emch und Berger, Institute for Transportation Planning and Traffic, Technical University Dresden, Zurich.

Vrtic, M., P. Fröhlich, N. Schüssler, S. Dasen, S. Erne, B. Singer, K. W. Axhausen and D. Lohse (2005) Erstellung des nationalen Personenverkehrsmodells für den öffentlichen und privaten Verkehr, *Research Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Roads Authority and Swiss Federal Office of Transport, IVT, ETH Zurich, Emch und Berger and Institute for Transportation Planning and Traffic, Technical University Dresden, Zurich.

Vrtic, M., N. Schüssler, A. L. Erath, K. Meister and K. W. Axhausen (2007) Tageszeitliche Fahrtenmatrizen im Personenverkehr an Werktagen im Jahr 2000, *Research Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Roads Authority and Swiss Federal Office of Transport, IVT, ETH Zurich, Zurich.

Vrtic, M., P. Fröhlich, C. Weis, B. R. Bodenmann, A. Zeiler and K. W. Axhausen (2014) Nationales Personenverkehrsmodell des UVEK – Aktualisierung auf den Basiszustand 2010, *Final Report*, Swiss Federal Office for Spatial Development (ARE), TransOptima, TransSol, regioConcept and IVT, ETH Zurich, Olten, Wädenswil, Herisau and Zurich.

Vrtic, M. and P. Fröhlich (2010) Nationales Personenverkehrsmodell des UVEK, Basismodell 2005, *Research Report*, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Office for Spatial Development (ARE), Swiss Federal Roads Authority and Swiss Federal Office of Transport, IVT, ETH Zurich, Emch und Berger and Institute for Transportation Planning and Traffic, Technical University Dresden, Berne.

Wagner, D. P. (1997) Lexington area travel data collection test: GPS for personal travel surveys, *Final Report*, Office of Highway Policy Information and Office of Technology Applications, Federal Highway Administration, Battelle Transport Division, Columbus, September 1997.

Wardman, M., R. Batley, J. Laird, P. Mackie, T. Fowkes, G. Lyons, J. Bates and J. Eliasson (2013) Valuation of travel times savings for business travelers, *Final Report*, Department for Transport, Institute for Transport Studies, University of Leeds, Leeds, April 2013.

Weidmann, U., H. Schneebeili, B. Alt, S. Buchmüller and N. Schüssler (2005) Erschliessung von Science City mit dem öffentlichen Verkehr, *Research Report*, (Master-) Planung Science City, ETH Zurich, IVT, ETH Zurich, Zurich.

Weis, C. and K. W. Axhausen (2012) Household behaviour and environmental policy: Report on transport related data analysis, *Research Report*, OECD, IVT, ETH Zurich, Zurich.

Weis, C. and K. W. Axhausen (2012) Aktivitätenorientierte Analyse des Neuverkehrs, final report SVI 2004/012, *Final Report*, **1362**, Swiss Federal Department for Environment, Transport, Energy and Communication, Swiss Federal Department for Environment, Transport, Energy and Communication, Berne.

Weis, C. and K. W. Axhausen (2013) Aktivitätenorientierte Analyse des Neuverkehrs: Leitfaden 2012/02, *Research Report*, Swiss Association of Transportation Engineers and Experts (SVI), IVT, ETH Zurich, St. Gallen.

Wermuth, M., R. Wirth, C. Neef, H. Löhner, J. Hilmer, H. Hautzinger, D. Heidemann, W. Stock, J. Schmidt, K. Mayer, M. Michael, F. Amme, P. Ohrem, E. Hansjosten and H. Binnenbruck (2003) Kontinuierliche Befragung des Wirtschaftsverkehrs in unterschiedlichen Siedlungsräumen – Phase 2, *Final Report*, Federal Minister for Transport, Building and Housing (BMVMW), Institute of Transportation and Urban Engineering (IVS), Technical University Braunschweig, Institut für angewandte Verkehrs- und Tourismusforschung e.V., Wermuth Verkehrsforschung und Infrastrukturplanung GmbH, Kraftfahrt Bundesamt, Projektforschung Unternehmensberatung Transport und Verkehr, Braunschweig.

Wermuth, M., C. Neef, R. Wirth, I. Hanitz, H. Löhner, H. Hautzinger, W. Stock, M. Pfeiffer, M. Fuchs, B. Lenz, V. Ehrler and S. Schneider (2012) Kraftfahrzeugverkehr in Deutschland 2010 (KiD 2010), *Final Report*, Federal Minister for Transport, Building and Urban Development (BMVBS), Wermuth Verkehrsforschung und Infrastrukturplanung GmbH, Institut für angewandte Verkehrs- und Tourismusforschung e.V., German Aerospace Centre, Institute of Transport Research, Kraftfahrt Bundesamt, Braunschweig.

Widmer, J.-P. and M. Vrtic (2004) Einfluss von Änderungen des Parkierungsangebots auf das Verkehrsverhalten, *Research Report*, **VSS 1997/46**, Schweizerischer Verband der Strassen- und Verkehrsfachleute (VSS), Büro Widmer, Frauenfeld.

Zhang, M. and J. Ma (2008) Developing calibration tools for microscopic traffic simulation

final report part 1: Overview methods and guidelines on project scoping and data collection, *Research Report*, **UCB-ITS-PWP-2008-3**, California Partners for Advanced Transit and Highways (PATH), University of California, Davis, Davis.

Zimmermann, A., K. W. Axhausen, J. Beckmann, K. J. Beckmann, M. Düsterwald, E. Fraschini, T. Haupt, A. König, A. Kübel, G. Rindsfuser, R. Schlich, S. Schönfelder, A. Simma and T. Wehmeier (2001) Mobidrive: Dynamik und Routinen im Verkehrsverhalten: Pilotstudie Rhythmik, *Final Report*, Federal Ministry of Education and Research, PTV and IVT, ETH Zurich and Institut für Stadtbauwesen und Strassenverkehr (ISB), RWTH Aachen, Karlsruhe, Zurich and Aachen.

Zöllig, C., R. Hilber and K. W. Axhausen (2011) Konzeptstudie Flächennutzungsmodellierung, *Research Report*, Swiss Federal Office for Spatial Development (ARE), IVT and Map-puls AG, Zurich.

UNPUBLISHED-AUTHOR (0000) TITLE, NOTE.

UNPUBLISHED-AUTHOR (0001) An unpublished reference with all information, presentation, IVT, ETH Zurich, Zurich.

UNPUBLISHED-AUTHOR (0001) Minimal version of an unpublished reference, internal presentation, IVT, ETH Zurich, Zurich.

Arnet, K., J. Ortigosa, Q. Ge and M. Menéndez (2012) Study of traffic management in the Zürich area, poster presentation, IVT-Alumni-Seminar, Zurich, March 2012.

Axhausen, K. W. (2016) Mobilität der Zukunft und Einfluss / Durchdringung neuer Technologien, presentation, ARE Zukunftsgespräche, Ittingen, March 2016.

Axhausen, K. W. (2012) Wirkung von Parkgebühren und Lage des Parkplatzes auf das Verkehrsverhalten, presentation, ASTRA @ HIL, November 2012.

Axhausen, K. W. (2012) Einfluss des Parkierungsangebotes auf das Verkehrsverhalten und den Energieverbrauch, presentation, bfe Bereichskonferenz Mobilität, November 2012.

Axhausen, K. W. (2014) Ermittlung von Bewertungsansätzen für Reisezeiten und Zuverlässigkeit auf der Basis eines Modells für modale Verlagerungen im nicht-gewerblichen und gewerblichen Personenverkehr für die Bundesverkehrswegeplanung, presentation, Fachtagung BVWP-Bewertungsverfahren, Berlin, June 2014.

Axhausen, K. W. (2012) An agent-based model of travel demand and traffic flow: Recent results with MATSim, presentation, University of Illinois, Chicago, July 2012.

Axhausen, K. W. (2015) MATSim: An agent-based framework of travel demand and traffic flow, presentation, 15th COTA International Conference of Transportation Professionals (CICTP 2015), Beijing, July 2015.

Axhausen, K. W. (2016) How many cars are too many? A first attempt, presentation, 16th

COTA International Conference of Transportation Professionals (CICTP 2016), Shanghai, July 2016.

Axhausen, K. W. (2016) Autonomous vehicles: The next step in accessibility?, presentation, Post-COTA International Conference of Transportation Professionals (CICTP 2016), Hangzhou, July 2016.

Axhausen, K. W. (2013) Engineering growing networks: Some ideas, presentation, CiSTUP, Bangalore, May 2013.

Axhausen, K. W. (2016) Singapore's travel demand management issues, presentation, CREATE/NUS/SUTD Seminar on the Future of Science, Technology and Policy in Singapore, Singapore, June 2016.

Axhausen, K. W. (2016) Einführung "Verkehrssysteme", presentation, Dokumente Studium Bauingenieurwissenschaften, D-BAUG, ETH, Zurich.

Axhausen, K. W. (2016) How to capture long-distance travel?, presentation, German Aerospace Center (DLR), Berlin, January 2016.

Axhausen, K. W. (2016) Social networks and their travel impacts, presentation, International Symposium on Emerging and Shared Transportation Modes and Mobility Services, Tel Aviv, December 2016.

Axhausen, K. W. (2016) Wieviele PWs verträge ein Verkehrsnetz?, presentation, Technische Gesellschaft Zürich, Zurich, December 2016.

Axhausen, K. W. (2016) Parkraumbewirtschaftung und -umfang: Wie weiter?, presentation, Hearing der Landeshauptstadt Wiesbaden, Wiesbaden, November 2016.

Axhausen, K. W. (2012) Verkehrsverhalten und Soziale Netzwerke: Messung und Modellierung, presentation, Dortmunder Konferenz Raum- und Planungsforschung, Dortmund, February 2012.

Axhausen, K. W. (2012) Datenschutz – Ethik – Befragungen, internal presentation, Besuch des EDÖP, ETH Zurich, Zurich, June 2012.

Axhausen, K. W. (2015) Warteschlangen, Stau und was man tun könnte, presentation, ETH Emeriti, Winterthur, September 2015.

Axhausen, K. W. (2012) GPS, GSM, Diary: How to capture travel behaviour?, presentation, Northwestern University, Evanston, July 2012.

Axhausen, K. W. (2014) Mobility and transportation planning, presentation, Future Cities Symposium (FCL 2014), Zurich, September 2014.

Axhausen, K. W. (2016) Simulation des Verkehrs der Zukunft – Welche Daten braucht es?, presentation, SIA GEOSummit, Berne, June 2016.

Axhausen, K. W. (2016) Verkehrsnachfrage im Zeitalter des Smartphones, presentation, Global Unterwegs, Zurich, June 2016.

Axhausen, K. W. (2012) Flächennutzungs- und Verkehrsmodelle: Stand und weitere Entwicklung am Beispiel Zürich, presentation, Wegener Zentrum für Klima und Globalen Wandel, University of Graz, Graz, June 2012.

Axhausen, K. W. (2014) Social networks and the dynamics of travel, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.

Axhausen, K. W. (2015) Survey challenges, modelling challenges, presentation, 3rd International Workshop on Advanced Transport Studies (IWATS): International Workshop on context and social interactions in activity and travel decisions, Hiroshima, March 2015.

Axhausen, K. W. (2013) Agent-based modelling of travel behaviour and flow: The MATSim implementation in Singapore and elsewhere, presentation, Hong Kong Society for Transportation Studies and The Hong Kong Polytechnic University, Hong Kong, March 2013.

Axhausen, K. W. (2014) Direct demand models: A relevant alternative in the age of big data, presentation, 19th International Conference of Hong Kong Society for Transportation Studies, Hong Kong, December 2014.

Axhausen, K. W. (2016) How many cars are too many? A second attempt, presentation, University of Hong Kong, Hong Kong, October 2016.

Axhausen, K. W. (2015) Agent-based or agent based modelling: Reflections on choices, constraints and commitments, presentation, 14th International Conference on Travel Behavior Research (IATBR), Windsor, July 2015.

Axhausen, K. W. (2013) Large choice sets in agent-based simulations: Some experiences, presentation, 3rd International Choice Modelling Conference, Sydney, July 2013.

Axhausen, K. W. (2014) Travel surveys – a researcher’s view, presentation, 10th International Conference on Transport Survey Methods (ISCTSC14), Leura, November 2014.

Axhausen, K. W. (2012) Social networks and travel: Recent international results, presentation, ITRN, Belfast, August 2012.

Axhausen, K. W. (2002) Some ideas for a microsimulation system of travel demand, internal presentation, IVT, ETH Zurich, Zurich.

Axhausen, K. W. (2009) Transport science and history, presentation, 7th Conference on the History of Traffic, Transport and Mobility, Lucerne.

Axhausen, K. W. (2009) Collecting and organising time-use data, presentation, 1st International Time Use Observatory, Santiago de Chile, January.

Axhausen, K. W. (2015) Price impacts of environmental services and the attractiveness of architectural form: Recent experiences, presentation, Urban Economics Workshop, Kyoto University, Kyoto, May 2015.

Axhausen, K. W. (2015) Direct Demand Models: A new lease of life?, presentation, Department of Urban Management, Kyoto University, Kyoto, May 2015.

Axhausen, K. W. (2016) Accessibility, mobility tools (and some LUTI models), presentation, Symposium for the Integration of Land-Use and Transport Models, Munich, November 2016.

Axhausen, K. W. (2015) Activity-based and agent-based modelling: Reflections on choice modelling, simulation and time horizons, presentation, Nagoya University Transport and Environmental Dynamics Laboratory (NUTREND), Nagoya, June 2015.

Axhausen, K. W. (2014) MATSim platform and applications in Europe and elsewhere, presentation, Demonstration of an Integrated Dynamic Policy Sensitive Model of Travel Demand for the Mega-Region of New York, New York, May 2014.

Axhausen, K. W. (2016) Thinking about autonomous vehicles: Business models and demand growth, presentation, Polytechnic University, Hong Kong, October 2016.

Axhausen, K. W. (2016) Welche Wege vorwärts?, presentation, Regionalplanung Zürich und Umgebung (RZU), Zurich, November 2016.

Axhausen, K. W. (2016) Energy perspectives in transportation, presentation, 10th Swiss Energy Research Conference, Lucerne, April 2016.

Axhausen, K. W. (2013) Models of daily life and travel: Usage for public health, presentation, School of Public Health Research Round, Singapore, March 2013.

Axhausen, K. W. (2016) Autonome Fahrzeuge: Erste Überlegungen, presentation, Sommerakademie der Studienstiftung, Magliaso, September 2016.

Axhausen, K. W. (2014) Social networks and travel: a bit more than first explorations, presentation, Seminar series “Social mechanisms”, Institute for Future Studies, Stockholm University, Stockholm, May 2014.

Axhausen, K. W. (2012) Wie weiter mit Verkehrsmodellen?, presentation, University of Stuttgart, Stuttgart, July 2012.

Axhausen, K. W. (2013) Agent-based Travel Demand and Traffic Flow Modelling for Mega Cities, presentation, Swissnex “Shaping the Urban Future” IIHS Lecture Series, Bangalore, May 2013.

Axhausen, K. W. (2014) Familiar strangers: A network of encounters, presentation, Mobile Tartu 2014, Tartu, July 2014.

Axhausen, K. W. (2015) Social networks and the dynamics of travel, presentation, Transport



Studies Group, Tokyo Institute of Technology, Tokyo, June 2015.

Axhausen, K. W. (2015) Data problems, modelling challenges, presentation, Special Seminar at the University of Tokyo, Tokyo, May 2015.

Axhausen, K. W. (2015) Agent-based modelling of transport demand and traffic flow, presentation, PhD Excellence Course "Data intensive approaches to urban and regional development", Torino, October 2015.

Axhausen, K. W. (2015) Smart cards and social networks: Simulation and familiar strangers, presentation, Excellence in data science, Torino, October 2015.

Axhausen, K. W. (2015) Surveys and tracing: Data gaps and data floods, presentation, PhD Excellence Course "Data intensive approaches to urban and regional development", Torino, October 2015.

Axhausen, K. W. (2009) Update on MATSim, presentation, the 88th Annual Meeting of the Transportation Research Board, Washington, D.C., January.

Axhausen, K. W. (2016) Smartphones: Silver bullet for mobility data collection?, presentation, 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2016.

Axhausen, K. W. (2009) Dynamics of activity spaces and social geographies, presentation, Vortragsveranstaltung zur Verabschiedung von Prof. Dr.-Ing. Dirk Zumkeller, University of Karlsruhe, April.

Axhausen, K. W. (2007) Fahrtenmodelle und andere Ansätze der Nachfragesteuerung, presentation, Vorlesung "Verkehrstechnische Aspekte des Städtebaus", ETH Zurich, Zurich, December.

Axhausen, K. W. (2013) Wert der Zeit, presentation, Universitätstagung Verkehrswesen 2013, Kappel am Albis, September 2013.

Axhausen, K. W. (2009) Social network geographies and travel, presentation, 3rd Workshop Frontiers in Transportation, Niagara on the Lake, August.

Axhausen, K. W. (2016) Big Data und Mobilität: Welche Verkehrsprobleme können Big Data nicht lösen?, presentation, ZiF-Konferenz: Big Data – Herausforderung für Wissenschaft und Gesellschaft, Bielefeld, October 2016.

Axhausen, K. W., P. J. Fourie, A. L. Erath and S. A. Ordóñez Medina (2015) From Big Data to Smart Data: Developing a Large-scale public transport simulation that runs on Smart Card Data, presentation, CREATE Symposium on Future Mobility, Singapore, July 2015.

Axhausen, K. W., N. Rieser-Schüssler and L. Montini (2012) Zwischen Tagebuch und GPS Beobachtung: Wie weiter mit der Messung des Verkehrsverhaltens?, presentation, Technical University Graz, Graz, June 2012.

Axhausen, K. W., M. Chikaraishi and H. Seya (2016) Pricing in Japan – The Example of Hiroshima, presentation, 95th Annual Meeting of the Transportation Research Board, Washington, D.C., January 2016.

Axhausen, K. W. and A. Marmolejo (2013) Flat demand for driving? An analysis of the Swiss case 1990 - 2010, presentation, Workshop on Dynamics in Travel Behaviour, University of Maryland, College Park (MD), January 2013.

Axhausen, K. W. and C. Zöllig (2012) Modelling developers and the spatial development process in Switzerland, presentation, FCL Lunch Seminar, Singapore, May 2012.

Axhausen, K. W. and M. Rieser (2012) MATSim: Background and current progress, presentation, 13th IATBR Workshop “Simulation Frameworks for Integrated Modelling”, Toronto, July 2012.

Balmer, M. (2008) Zwischenbericht: Wirkungen der Westumfahrung Zürich, internal presentation, Baudirektion Kanton Zurich, Zurich, April.

Balmer, M. (2007) Travel demand modeling for multi-agent transport simulations: Algorithms and systems, presentation, IVT, ETH Zurich, Zurich, May.

Balmer, M. (2004) Multi-Agenten Simulation: Resultate anhand einer Fallstudie der Region Zürich, presentation, Studentenbörse, Deutsche Verkehrswissenschaftliche Gesellschaft (DVWG), Berlin, December.

Balmer, M. (2007) Wie funktioniert eigentlich MATSim?, presentation, Treffpunkt Science City, ETH Zurich, Zurich, November.

Balmer, M. (2008) Mobilität simulieren, presentation, FHS St.Gallen, St. Gallen, September.

Balmer, M. (2005) Nachfrage Generierung (für MATSIM): Aufbau, Generierung und erste Test-Resultate, internal presentation, IVT, ETH Zurich, Zurich, January.

Balmer, M. (2005) MATSIM utility function, internal presentation, IVT, ETH Zurich, Zurich, November.

Balmer, M. (2007) Capturing human activity spaces: New geometries, internal presentation, IVT, ETH Zurich, Zurich, November.

Balmer, M. (2007) Fast shortest path computation in time-dependent traffic networks, internal presentation, MATSim-T Workshop, IVT, ETH Zurich, Castasegna, October.

Balmer, M. (2007) MATSim-T in Aktion: Beispiel Zürich & Schweiz, internal presentation, IVT, ETH Zurich, Zurich, September.

Balmer, M. (2008) Westumfahrung Zurich: Real world study with MATSim, internal presentation, IVT, ETH Zurich, Zurich, May.

Balmer, M. (2008) Westumfahrung Zurich: Fallstudien mit MATSim, internal presentation, IVT, ETH Zurich, Zurich, August.

Balmer, M. (2007) Simulation des Verkehrs, lectures in transport planning, IVT, ETH Zurich, Zurich, March–April.

Balmer, M. (2008) Simulation des Verkehrs, lectures in transport planning, IVT, ETH Zurich, Zurich, February–April.

Balmer, M. (2008) Projektarbeit Basisjahr, lectures in transport planning, IVT, ETH Zurich, Zurich, February–April.

Balmer, M. (2008) Westumfahrung Zurich: Real world case studies with MATSim, internal presentation, Laboratoire d'Economie des Transports (LET), University of Lyon, Lyon, June.

Balmer, M. (2014) Dynamic Policy Sensitive Model of Travel Demand / Coupling ABD Model of NY with MATSim, presentation, Demonstration of an Integrated Dynamic Policy Sensitive Model of Travel Demand for the Mega-Region of New York, New York, May 2014.

Balmer, M. (2007) MATSim: Multi-Agent Transport Simulation, internal presentation, Zurich Police Departement, Traffic Division, Zurich, December.

Balmer, M. (2008) Zwischenbericht: Wirkungen der Westumfahrung Zürich, internal presentation, Zurich Police Departement, Traffic Division, Zurich, October.

Balmer, M. (2008) Modeling travel behaviour in multi-agent transport simulation (MATSim), presentation, TRANSP-OR, EPF Lausanne, Lausanne, January.

Balmer, M. (2004) Agent-based activities planning for an iterative traffic simulation of Switzerland: Activity time allocation, presentation, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin, July.

Balmer, M. (2008) Wirkungsanalyse der Westumfahrung Zürich, presentation, Transport Systems Planning and Transport Telematics (VSP), Technical University Berlin, Berlin, May.

Balmer, M. (2014) Coupling ABD Model of NY with MATSim, presentation, Zürich Meets New York, New York, May.

Balmer, M., B. Raney and K. Nagel (2004) Coupling activity-based demand generation to a truly agent-based traffic simulation: Activity time allocation, presentation, EIRASS Workshop on Progress in Activity-Based Analysis, Maastricht, May.

Balmer, M., B. Raney and K. Nagel (2004) Agent-based activities planning for an iterative traffic simulation of Switzerland: Activity time allocation, presentation, The 4th Swiss Transport Research Conference (STRC), Ascona, March.

Balmer, M., M. Bernard and K. W. Axhausen (2005) Matching geo-coded graphs, presentation, The 5th Swiss Transport Research Conference (STRC), Ascona, March.

Balmer, M., M. Rieser, A. Vogel, K. W. Axhausen and K. Nagel (2005) Generating day plans based on origin-destination matrices: A comparison study between VISUM and MATSIM based on Kanton Zurich data, presentation, The 5th Swiss Transport Research Conference (STRC), Ascona, March.

Balmer, M., A. Vogel and K. Nagel (2005) Shape morphing of intersections using curbside oriented driver simulation, presentation, The 5th Swiss Transport Research Conference (STRC), Ascona, March.

Balmer, M., K. W. Axhausen and K. Nagel (2006) A demand generation framework for large scale micro simulations, presentation, The 6th Swiss Transport Research Conference (STRC), Ascona, March.

Balmer, M., K. Nagel and B. Raney (2006) An agent-based demand modeling framework for large scale micro-simulations, poster presentation, TRB 85th Annual Meeting, Washington, D.C., January.

Balmer, M. and K. Meister (2005) Nachfrageerzeugung für agentenbasierte Simulation von Verkehrssystemen, presentation, Deutsche Hochschultagung Verkehrswesen, Wildbad Kreuth, September.

Balmer, M. and K. Nagel (2006) Shape morphing of intersection layouts using curb side oriented driver simulation, presentation, The 8th International Conference on Design & Decision Support Systems in Architecture and Urban Planning (DDSS), Heeze, July.

Balmer, M. and M. Rieser (2008) MATSim: Past, present, future, internal presentation, MATSim-T Workshop, IVT, ETH Zurich, Castasegna, September.

Bhat, C. R. (1998) Activity-based travel demand modeling, presentation, Oregon Symposium, September.

Bemetz, V. and M. Hohenfellner (2014) Implementation of a parking choice model to analyse the effect of parking prices on electric vehicles, presentation, Bachelor Thesis, IVT, ETH Zürich.

Bodenmann, B. R. and B. J. Vitins (2012) Implementation of a land use transport interaction model for experimental game simulations, presentation, 12th Swiss Transport Research Conference (STRC), Ascona, May 2012.

Bösch, P. M. (2014) Autonomous Cars – The next Revolution in Mobility, presentation, IVT Brownbag, Zurich, July 2014.

Bösch, P. M. (2014) Calibration of Generic Base Scenarios, presentation, MATSim Conceptual Meeting, Wiepersdorf, August 2014.

Bösch, P. M. (2015) Autonomes Fahren, presentation, Ernst Basler & Partner, Zurich, October 2015.

Bösch, P. M. (2015) Autonomous Vehicles – The Next Revolution in Mobility, presentation, IVT-Seminar, Zurich, July 2015.

Bösch, P. M. (2015) Autonomes Fahren – die nächste Revolution in der Mobilität?, presentation, Swiss Cleantech – Fokusgruppe Mobilität, Berne, May 2015.

Bösch, P. M., F. Ciari, C. Heyndrickx and A. Perrels (2015) Can innovative weather services mitigate extreme events' impact on transport?, poster presentation, European Climate Change Adaptation Conference (ECCA 2015), Copenhagen, May 2015.

Bösch, P. M. (2014) Autonomous Cars – The next Revolution in Mobility?, presentation, Universitätstagung Verkehrswesen 2014, Bad Herrenalb, September 2014.

Bogenberger, K. (2012) Quality of traffic information, presentation, IVT-Seminar, Zurich, December 2012.

Bowman, J. L. (2004) A comparison of population synthesizers used in microsimulation models of activity and travel demand, [http://jbowman.net/papers/2004.Bowman.Comparison\\_of\\_PopSyns.pdf](http://jbowman.net/papers/2004.Bowman.Comparison_of_PopSyns.pdf), accessed on 29/03/2011.

Bradley, M. A. (2005) Activity-based models in practice: Portland & San Francisco, presentation, TRB 2005 Workshop, Activity-Based Approaches: Theory, Methods, Data & Applications, Washington, D.C.

Bürge, M. (2007) Synthese von Haushaltsdaten für den Kanton Zürich, <http://e-collection.library.ethz.ch/view/eth:29494>, accessed on 28/03/2012.

Cao, J. and M. Menéndez (2014) A parking-state-based transition matrix of traffic on urban networks, presentation, IVT Seminar, Zurich, July 2014.

Cao, J. and M. Menéndez (2014) Macroscopic Modelling of Parking Dynamics in Urban Networks, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

Cao, J. (2014) Effect of On-street Parking on Traffic Throughput at Nearby Intersections, presentation, 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.

Cao, J. and M. Menéndez (2012) Methodology for evaluating cost and accuracy of parking patrol surveys, poster presentation, IVT, Zurich, December 2012.

Cao, J. and M. Menéndez (2012) Accuracy study of parking duration data from patrol survey, presentation, 12th Swiss Transport Research Conference, Ascona, May 2012.

Cao, J. and M. Menéndez (2013) Methodology for evaluating cost and accuracy of parking patrol surveys, poster presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Cao, J. and M. Menéndez (2015) Generalized effects of on-street parking maneuvers on the

performance of nearby signalized intersections, poster presentation, 94th Annual Meeting of the Transportation Research Board (TRB2015), Washington, D.C., January 2015.

Chakirov, A. (2015) Heterogeneous values of time in a multi-modal context: An activity and agent-based simulation approach, presentation, 14th International Conference on Travel Behavior Research (IATBR), Windsor, July 2015.

Ciari, F. (2015) Simulation models in transportation, presentation, Audi Urban Future Initiative 2015: Workshop IV SSprache der Individuellen Mobilität in der Smart City", Zurich, July 2015.

Ciari, F. (2015) Can innovative weather services mitigate extreme events impact on transport? A test case study for Zurich, poster presentation, 2nd European Climate Change Adaptation Conference (ECCA), Copenhagen, May 2015.

Ciari, F. (2015) The multi-agent transportation simulation MATSim, presentation, Joanneum Research, Graz, March 2015.

Ciari, F. (2015) A glance into the future of transport modeling, presentation, Zukunftskonferenz 2015 – Next Generation Urban Development and Planning Tools, Graz, March 2015.

Ciari, F. (2012) Entscheidungsmodelle zum Car Sharing und Car Pooling, presentation, IVT-Seminar "Fahrzeuge Teilen", IVT, ETH Zurich, Zurich, May 2012.

Ciari, F. (2012) Introduction to MATSim, presentation, Seminar, University of Avignon, Avignon, February 2012.

Ciari, F. (2014) Sie sind auch ein Agent! Wie Agenten-basierte Verkehrssimulationen funktionieren, presentation, Treffpunkt Science City – Total mobil – ständig unterwegs in Raum, Zeit und Denken, Zurich, March 2014.

Ciari, F. (2012) Modeling location decisions of retailers with an agent-based approach, presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Ciari, F. (2013) Sharing as a key to rethink urban mobility, presentation, Urbane Ressourcen intelligenter nutzen mit Apps, Zurich, April 2013.

Ciari, F. (2014) Carsharing - Why to model carsharing demand and how, presentation, Verkehrsingenieurtag 2014, Zurich, March 2014.

Ciari, F. (2013) Carpooling potential in Switzerland, presentation, Wocomoco – 1st World Collaborative Mobility Congress, Lucerne, May 2013.

Ciari, F. (2014) MATSim Work in Zurich: An Overview, presentation, MATSim PhD Students Seminar, Wiepersdorf, August 2014.

Ciari, F. (2014) Climate change adaptation in the railway sector: an international comparison,

presentation, 3rd Nordic International Conference on Climate Change Adaptation, Copenhagen, August 2014.

Ciari, F. and K. W. Axhausen (2012) Choosing carpooling or carsharing as a mode: Swiss stated choice experiments, poster presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Ciari, F. and K. W. Axhausen (2013) Large-Scale Travel Data Sets and Route Choice Modeling: European Experience, presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Ciari, F. and P. M. Bösch (2015) A Multi-Modal Infrastructure Data Base for MATSim, presentation, International Workshop on Behavioural detail and computational demands in agent-based models, Singapore, March 2015.

Chakirov, A. (2009) Development of Control Strategies for a Mobile, Intercontinental Tele-Operation Using Humanoid Robot, Bachelor Thesis, Institute of Automatic Control Engineering, Technische Universität München, Munich.

Charypar, D. (2006) An event-driven parallel queue-based microsimulation for large scale traffic scenarios, unpublished, IVT, ETH Zurich, Zurich.

Charypar, D. (2007) Mikroskopische Simulation des Schweizer Verkehrsaufkommens, presentation, Treffpunkt Science City, ETH Zurich, Zurich, November.

Charypar, D. (2009) Agent-based continuous replanning: Concept and challenges, presentation, 9th Swiss Transport Research Conference, Ascona, September 2009.

Charypar, D., K. W. Axhausen and K. Nagel (2006) Implementing activity-based models: Accelerating the replanning process of agents using an evolution strategy, presentation, 6th Swiss Transport Research Conference (STRC), Ascona.

Daly, A. J. (2013) Forecasting travel demand using large-scale models, keynote, 13th Swiss Transport Research Conference, Ascona, April 2013.

de Jong, R. (2013) Predicting uncertainty of traffic forecasts, presentation, Interdisciplinary Seminar Complex Socio-Technical-Economic Systems and Integrative Risk Management organized by the ETH Risk Center, ETH Zurich, Zurich, November 2013.

de Palma, A. (2012) The economics of the family in transportation and urban economics, presentation, 12th Swiss Transport Research Conference (STRC), Ascona.

Dobler, C. (2014) Integration of Activity-Based with Agent-Based Models: An Example from Tel-Aviv Model and MATSim, presentation, Seminar of Ayalon Highways Ltd., Ramat Gan, April 2014.

Dobler, C. (2012) Object-oriented / Agent-based Modellierungsansatz - Evakuierung als Anwendungsbeispiel, presentation, CAS Risiko und Sicherheit technischer Systeme, ETH Zurich,

Zurich, October 2012.

Dobler, C. (2012) Creating input data for an agent-based micro-simulation using GIS, presentation, EGREGIS Meeting, ETH Zurich, Zurich, January 2012.

Dobler, C. (2012) Transport simulations: Knowledge levels and system outcomes, presentation, 13th International Conference on Travel Behavior Research, Toronto, July 2012.

Dobler, C., M. Kowald, N. Schüssler and K. W. Axhausen (2012) Within-day replanning of exceptional events, poster presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Dobler, C. (2011) Simulation of extreme traffic events, presentation, 3rd International Summer School Oldenburg, Carl von Ossietzky University Oldenburg, Oldenburg, August 2011.

Dobler, C. (2010) Simulation von Katastrophen: Konzepte und erste Ergebnisse, presentation, IVT-Seminar, ETH Zurich, Zurich, June 2010.

Dobler, C. (2010) Modelling disasters: First experiments with an agent-based simulation, presentation, CCSS-Seminar, ETH Zurich, Zurich, May 2010.

Dobler, C. and M. Kowald (2011) Modelling large-scale evacuations - experiments with an agent-based simulation and future developments, presentation, CCSS-Seminar, ETH Zurich, Zurich, May 2011.

Dobler, C. (2010) Within Day Replanning with MATSim, presentation, MATSim User Meeting 2010, Zurich, May 2010.

Dubernet, T. (2012) Introducing joint trips in a multi-agent transport simulation, presentation, IVT-Seminar "Fahrzeuge Teilen", IVT, ETH Zurich, Zurich, May 2012.

Dubernet, T. (2012) Including joint trips in a multi-agent transport simulation, presentation, 4th MATSim User Meeting, Berlin, March 2012.

Dubernet, T. (2013) The New MATSim Routing Infrastructure, presentation, MATSim User Meeting, Zurich, June 2013.

Dubernet, T. and K. W. Axhausen (2013) First Results of an Household Joint Activity-Travel Multi-Agent Simulation Tool, presentation, Frontiers in Transportation – Social Interactions Workshop, Herrsching am Ammersee, August 2013.

Dubernet, T. and K. W. Axhausen (2014) Using a multi-agent transport simulation to study the impact of the preference for joint activities on leisure trip distance distribution, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.

Dubernet, T. and K. W. Axhausen (2013) Validation of an Household Joint Activity-Travel Multi-Agent Simulation Tool, presentation, Smart Cities, Complexity and Urban Networks



Satellite meeting of the European Conference on Complex Systems, Barcelona, September 2013.

Dubernert, T. and K. W. Axhausen (2013) A framework to represent joint decisions in a multi-agent transport simulation, presentation, 13th Swiss Transport Research Conference, Ascona, April 2013.

Dubernert, T. and K. W. Axhausen (2014) Using a multi-agent transport simulation to study the impact of the preference for joint activities on leisure trip distance distribution, presentation, 3rd International Workshop on Citizen Networks — Satellite meeting of the European Conference on Complex Systems, Lucca, September 2014.

Dubernert, I., R. Crastes dit Sourd, M. J. Beck, S. Hess, K. W. Axhausen, C. Holz-Rau and J. Scheiner (2016) A dynamic approach to long term mobility decisions in the life course, presentation, 5th Symposium of the European Association for Research in Transportation (hE-ART 2015), Delft, September 2016.

Ehreke, I. (2012) Ermittlung von Bewertungsansätzen für Reisezeiten für die Bundesverkehrswegeplanung, presentation, Universitätstagung Verkehrswesen, Rotenburg on the Fulda, September 2012.

Ehreke, I. (2013) Modellierung von Arbeitsplatzentscheidungen in Mobilitätsbiographien, presentation, Workshop Mobilitätsbiographien, Zurich, September 2013.

Ehreke, I. (2014) Modellierung von Arbeitsplatzentscheidungen in Mobilitätsbiographien, presentation, Dortmunder Konferenz Raum- und Planungsforschung – Workshop “Mobilitätssozialisation und Mobilitätsbiographien”, Dortmund, February 2014.

Ehreke, I. (2015) Mobility Biographies: A Life-Course Approach to Travel Behaviour and Residential Choice, presentation, Choice Modelling Centre Summer Event, July 2015.

Ehreke, I. (2013) Personal transport choices – OECD Project on household behaviour and environmental policy, presentation, Meeting of the Advisory Committee, May 2013.

Ehreke, I. and K. W. Axhausen (2014) The German Value of Time and Value of Reliability Study, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.

Ehreke, I. and K. W. Axhausen (2014) Modelling work place decisions in mobility biographies, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

Ehreke, I., S. Hess and K. W. Axhausen (2015) The German value of time and value of reliability study: Comparing alternative model formulations, presentation, 14th International Conference on Travel Behavior Research (IATBR), Windsor, July 2015.

Ehreke, I. and C. Weis (2013) Determine VTTS for the German Federal Transport Infrastructure Planning, presentation, 2nd Symposium of the European Association for Research

in Transportation (hEART 2013), Stockholm, September 2013.

Erath, A. L. (2013) How to improve public transport services in Jurong Lake District?, presentation, IDA Tech Showcase @ JLD CFC Networking Event, Singapore, May 2013.

Erath, A. L. (2012) Perspectives of future urban mobility and the role of transport modeling as complex system, presentation, A\*Star Institute of High Performance Computing Student Seminar on Complex Systems, August 2012.

Erath, A. L. (2012) Development and potential applications of matsim singapore, a large-scale agent based transport demand model, presentation, Singapore German Chamber of Commerce, December 2012.

Erath, A. L. (2012) The potential of agent-based modelling to improve public transport planning and operations, presentation, Future Cities Laboratory Seminar on Public Transport Planning, November 2012.

Erath, A. L. (2013) Activity based modelling, accessibility and high rises, presentation, Digital Fabrication Seminar Input Lecture, Future Cities Laboratory, Singapore, March 2013.

Erath, A. L. (2012) Potentials of agent-based transport modelling for environmental impact evaluation, presentation, JST and NEA Environment and Technology Workshop, Singapore, July 2012.

Erath, A. L. (2012) Integrated mobility, 5 propositions for sustainable future cities, presentation, FCL Forum at World Cities Summit 2012, Singapore, August 2012.

Erath, A. L. (2012) Challenges of implementing MATSim Singapore, presentation, MATSim Singapore Workshop, Singapore, February 2012.

Erath, A. L. (2013) MATSim-based decision support system, presentation, MATSim Conceptual Meeting, June 2013.

Erath, A. L. (2012) Matsim singapore: General framework, presentation, MATSim Singapore Workshop, Singapore, February 2012.

Erath, A. L. (2015) Walkability: How can we plan for it?, presentation, Urban Lab Exhibition @ URA Gallery, Singapore, January 2015.

Erath, A. L. and A. Chakirov (2011) Activity location modelling based on smart card fare payment data for public transport, presentation, Behavior in Networks Workshop, Hong Kong, December 2011.

Erath, A. L. (2011) Accounting for diversity in transport modelling and simulation, presentation, 5th Asia-Pacific Conference on Systems Engineering, Seoul, October 2011.

Erath, A. L. (2014) Paradigms and models for sustainable urban mobility, presentation, Workshop 5 PDU metropolità: Innovació urbana, mobilitat i metabolisme metropolità, Area Metro-

politana Barcelona, Barcelona, October 2014.

Erath, A. L. (2014) Learning from Singapore: towards sustainable mobility?, presentation, Urban Masterplan Workshop, Àrea Metropolitana Barcelona, Barcelona, October 2014.

Erath, A. L. (2009) Welche Wirkungen haben Preise auf die Mobilität? Ergebnisse aus neusten Studien zur Preiselastizität, presentation, 9ter Berner Verkehrstag, Berne, August 2009.

Erath, A. L. (2011) Urban transport and sustainability: Research framework for (m)edium and (l)ong term, presentation, Future Cities Laboratory Conference, Singapore, September 2011.

Erath, A. L. (2014) Future urban transport systems urban transport systems: A brief for urban designers, presentation, Future Cities Symposium (FCL 2014), Zurich, September 2014.

Erath, A. L. (2007) Berücksichtigung des Schadenspotentials beim Management der Schweizer Verkehrsinfrastruktur, presentation, Deutsche Hochschultagung Verkehrswesen, Rust, October.

Erath, A. L. (2014) Visualising and analysing agent-based model data for decision support, presentation, 9th Annual Modelling World Conference and Exhibition, London, June 2014.

Erath, A. L. (2014) Future urban transport systems, presentation, stars Singapore Symposium, Singapore, February 2014.

Erath, A. L. (2006) Route, mode and departure time choice behaviour in the presence of mobility pricing, presentation, Rolle von Zeit im Verkehr: der Fall Personenverkehr, Forum des Schweizer Verkehrs, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), Berne, October.

Erath, A. L. (2007) Route, mode and departure time choice behaviour in the presence of mobility pricing, presentation, Study Trip on Public Transportation and Mobility, Think Swiss and Presence Switzerland, Zurich, November 2007.

Erath, A. L. (2011) Development of a matsim model for singapore, presentation, Department of Transport Engineering Seminar, Seoul, October 2011.

Erath, A. L. (2011) Daily flows: (m)edium and (l)ong term, presentation, Urban Sustainability Research and Development Congress, Singapore, July 2011.

Erath, A. L., M. A. B. van Eggermond, P. J. Fourie and A. Chakirov (2013) Decision support tool to unlock the potential of large-scale agent-based transport demand simulation for planning practice, presentation, 10th International Conference of Eastern Asia Society for Transportation Studies (EASTS 2013), Taipei, September 2013.

Erath, A. L., M. A. B. van Eggermond, S. A. Ordóñez Medina and K. W. Axhausen (2015) Modelling for Walkability: understanding pedestrians' preferences in Singapore, presentation, 14th International Conference on Travel Behavior Research (IATBR 2015), Windsor, July 2015.

Erath, A. L., P. J. Fourie, S. A. Ordóñez Medina and A. Chakirov (2014) Using smart card data for agent-based transport simulation: the case of Singapore, presentation, Korea Institute of ITS International Conference, Busan, October 2014.

Erath, A. L., S. A. Ordóñez Medina, A. Chakirov and P. J. Fourie (2013) Using public transport smart card data for large-scale, agent-based transport demand simulation using MATSim: the case of Singapore, presentation, LTA-UITP Singapore International Transport Congress and Exhibition (SITCE 2013), Singapore, October 2013.

Erath, A. L., P. J. Fourie, L. Sun, S. A. Ordóñez Medina and A. Chakirov (2015) From Big Data to Smart Data: Developing a MATSim Model That Runs on Smart Card Data, presentation, IVT-Seminar, Zurich, August 2015.

Erath, A. L., M. A. B. van Eggermond, P. J. Fourie and A. Chakirov (2013) Decision support tools in transport planning: from research to practice, presentation, 13th Swiss Transport Research Conference, Ascona, April 2013.

Erath, A. L., P. J. Fourie, S. A. Ordóñez Medina and A. Chakirov (2014) Using smart card data as an input for large scale agent-based transport simulation: the case of Singapore, presentation, 1st International workshop on utilizing transit smart card data for service planning, Gifu, July 2014.

Erath, A. L., K. W. Axhausen, M. A. B. van Eggermond, S. A. Ordóñez Medina and A. Ali (2015) Walkability and pedestrian route choice in Singapore, presentation, Urban Sustainability R&D Congress 2015, Singapore, July 2015.

Erath, A. L., M. A. B. van Eggermond, S. A. Ordóñez Medina and K. W. Axhausen (2015) Walkability and pedestrian route choice – key findings, presentation, URA Centre, Singapore, July 2015.

Fellendorf, M. (1989) A comparison of British and German signal control methodology, presentation, 21st UTSG Annual Conference, Edinburgh.

Flötteröd, G. (2012) MATSim as a Monte Carlo engine, presentation, 1st MATSim Conceptual Meeting, Zurich, September.

Flötteröd, G., Y. Chen and K. Nagel (2011) Behavioral calibration and analysis of a large-scale travel microsimulation, presentation, 3rd MATSim User Meeting, Berlin, April 2011.

Flügel, S. and J. Kern (2014) Workshop on activity-based traffic simulations, presentation, Workshop at Hasselt University, Hasselt.

Fourie, P. J., J. Illenberger and K. Nagel (2013) A multi-model approach to large-scale multi-agent transport simulation, poster presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Fourie, P. J. (2009) Transport demand planning: Microsimulation vs traditional systems, pre-

sentation, 38th Annual Operational Research Society of South Africa (ORSSA) Conference, Stellenbosch, September 2009.

Fourie, P. J. (2014) Reconstructing bus vehicle trajectories from transit smart-card data, presentation, 1st International workshop on utilizing transit smart card data for service planning, Gifu, July 2014.

Fuhrer, R. (2015) Modelling historical accessibility and its effects in space, presentation, 16th International Conference of Historical Geographers (ICHG), London, July 2015.

Ge, Q., B. Ciuffo and M. Menéndez (2014) From theory to practice II: a comprehensive approach for the sensitivity analysis of high dimensional and computationally expensive traffic simulation models, presentation, 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.

Ge, Q. and M. Menéndez (2012) A Simulation Study of the Car-to-X Communication Based Merge Traffic Control in Freeway Work Zone, presentation, 1st European Symposium on Quantitative Methods in Transportation Systems (LATSYS), Lausanne, September 2012.

Ge, Q. and M. Menéndez (2012) Sensitivity analysis of a microscopic traffic model, poster presentation, IVT-Alumni-Seminar, Zurich, March 2012.

Ge, Q. and M. Menéndez (2012) Sensitivity analysis for calibrating VISSIM in modeling the zurich network, presentation, 12th Swiss Transport Research Conference, Ascona, May 2012.

Ge, Q. and M. Menéndez (2013) A simulation study for the static early merge and late merge controls at freeway work zones, presentation, 13th Swiss Transport Research Conference, Ascona, April 2013.

Ge, Q. and M. Menéndez (2013) An improved approach for the sensitivity analysis of computationally expensive microscopic traffic models – a case study of the zurich network in VISSIM, presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Geroliminis, N. (2012) Macroscopic modeling of traffic in congested cities, presentation, IVT-Seminar, Zurich, November 2012.

Goodchild, A. (2012) Developing Behavioral Models of Licensed Motor Carriers, presentation, IVT-Seminar, Zurich, November 2012.

Guler, S. I. and M. Menéndez (2014) Evaluation of Presignals at Oversaturated Signalized Intersections, presentation, 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.

Haase, R. and M. Löchl (2009) Mietzinsen und Erreichbarkeit bei Büro- und Wohnimmobilien: Neue Ergebnisse für den Grossraum Zürich, presentation, IVT-Seminar “Wie schafft Erreichbarkeit Werte?”, ETH Zurich, May 2009.

He, H., S. I. Guler and M. Menéndez (2014) Effects of pre-signals at an isolated intersection: Simulation results, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

He, H., S. I. Guler and M. Menéndez (2015) Providing Bus Priority Using Adaptive Pre-signals, poster presentation, 94th Annual Meeting of the Transportation Research Board (TRB2015), Washington, D.C., January 2015.

Heimgartner, C. (2012) Modeling the Zurich traffic network, presentation, invited lecture at IVT, ETH Zurich, May 2012.

Heimgartner, C. (2013) Using simulation to model the Zurich traffic network, presentation, invited lecture at IVT, ETH Zurich, May 2013.

Hettinger, T. (2007) Anpassung von Aktivitätenketten mittels wiederholter proportionaler Anpassung, *term paper*, IVT, ETH Zurich, Zurich.

Hope, M., Y. S. Park and H. Ley (2009) Convergence control and equilibration (part 7), presentation, TRANSIMS Training Course at Transportation Research and Analysis Computing Center (TRACC), Chicago, December.

Horni, A. (2012) MATSim destination choice for shopping and leisure activities, presentation, 4th MATSim User Meeting, Berlin, March 2012.

Horni, A., L. Montini and R. A. Waraich (2012) Parking, presentation, Brownbag, IVT, ETH Zurich, Zurich, June 2012.

Horni, A., K. Nagel and K. W. Axhausen (2012) High-resolution destination choice in agent-based demand models, presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Horni, A. (2012) Simulation einer Woche mit MATSim, presentation, IVT Institutsvollversammlung, IVT, ETH Zurich, Zurich, July 2012.

Horni, A. and F. Ciari (2009) Modeling shopping customer and retailers with the activity-based Multi-agent Transport Simulation MATSim, presentation, Interdisciplinary Seminar “Modeling Complex Socio-Economic Systems and Crises”, Zurich, April 2009.

Horni, A. and F. Ciari (2011) Microsimulating choices of different agent types: Shoppers and retailers, poster presented at Rational Choice Seminar, San Servolo (Venice), November 2011.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2009) Location choice modeling for shopping and leisure activities with MATSim: Utility function extension and validation results, presentation, 9th Swiss Transport Research Conference, Ascona, September 2009.

Horni, A. and D. Grether (2007) Counts, internal presentation, MATSim-T Workshop, IVT, ETH Zurich, Castasegna, October.

Horni, A. (2007) Vergleich: Simulation - Zählungen (Wie gut ist unsere Simulation?), presentation, Treffpunkt Science City, ETH Zurich, Zurich, November.

Horni, A. and L. Montini (2013) ApplauSim: A Simulation of Synchronous Applause, presentation, Quantitative Sociology Colloquium, Zurich, April 2013.

Jäggi, B. and K. W. Axhausen (2011) Stated preference and multiple discrete-continuous choice models: An analysis of residuals, presentation, International Choice Modelling Conference, Leeds, July 2011.

Janzen, M. (2014) Long term simulation of a continuous target-based model, presentation, Institutsvollversammlung (IVV), IVT, ETH Zurich, Zurich, July 2014.

Johnston, R. (2007) Entropy-maximizing models, presentation.

Koot, J., M. Kowald and K. W. Axhausen (2012) Human behaviour in large scale evacuation events, presentation, 12th Swiss Transport Research Conference, Ascona, May 2012.

Kopp, J. (2013) Sharing instead of owning?, presentation, IVT Brownbag, March 2013.

Kopp, J. (2012) Auto + Menschen<sup>x</sup> = DriveNow, presentation, NSL – Netzwerk Stadt und Landschaft “Verkehrsmittel teilen”, May 2012.

Kopp, J. (2012) Automobile Konzepte der Zukunft, presentation, Podiumsdiskussion Global Business Week, Frankfurt, May 2012.

Kopp, J. (2012) CarSharing-Fahrzeuge als Datenquelle, presentation, FGSV Ausschuss Erhebung und Prognose des Verkehrs, Munich, October 2012.

Kowald, M., J. Koot, C. Dobler and K. W. Axhausen (2012) Human behaviour in large scale evacuation events, presentation, Technical University Eindhoven, Eindhoven, April 2012.

Kowald, M., T. A. Arentze and K. W. Axhausen (2012) A population’s leisure network: Descriptive statistics and a model-based analysis of leisure-contact selection, presentation, 13th International Conference on Travel Behaviour Research, Toronto, July 2012.

Kowald, M., J. Koot, C. Dobler and K. W. Axhausen (2012) Human behaviour in large scale evacuation events, presentation, DAS Verkehrsingenieurwesen, IVT, ETH Zurich, Zurich, April 2012.

Kowald, M., J. Koot, C. Dobler and K. W. Axhausen (2012) Handlungsmuster in Evakuierungsszenarien: Experteninterviews und Bevölkerungsbefragung, presentation, Präsentation zum Zwischenbericht, Aarau, February 2012.

Kowald, M. and K. W. Axhausen (2009) A snowball around a random sample, presentation, 3rd Workshop Frontiers in Transportation, Niagara on the Lake, August 2009.

Kowald, M., A. Frei, J. K. Hackney, J. Illenberger and K. W. Axhausen (2009) Collecting data

on leisure travel: The link between leisure acquaintances and social interactions, presentation, 9th Swiss Transport Research Conference, Ascona, September 2009.

Killer, V. (2009) The dynamics of commuting linkage and overlaps within polycentric regions, presentation, 9th Swiss Transport Research Conference, Ascona, September 2009.

Killer, V. (2009) Funktionale Pendlerräume, presentation, Workshop Pendler und Erreichbarkeit, Dortmund, March 2009.

Krstic, M., J. Doblack, H. Basturk and A. Chakirov (2010) Air Cushion Active Control for the Reduction of Wave Induced Motion of Ramp-Connected Ships, Grand Challenges in Modeling & Simulation, Summer Simulation Multiconference 2010, Ottawa.

Lee, S. J. and A. Ali (2014) Analyzing subway origin-destination flows by utilizing transit smart card data: Case of seoul metropolitan area, presentation, 1st International Workshop on Utilizing Transit Smart Card Data for Service Planning, Gifu, Japan, July.

Lefebvre, N. and M. Balmer (2007) Fast shortest path computation in time-dependent traffic networks, presentation, The 7th Swiss Transport Research Conference (STRC), Ascona, September.

Ley, H. (2008) Introduction to the methodologies and implementation of TRANSIMS, presentation, TRANSIMS Training Course at Transportation Research and Analysis Computing Center (TRACC), Chicago, April.

Litwin, M. S. and E. J. Miller (2004) Agenda formation: Evolution of activity sequencing within an event-driven time-series based framework, presentation, EIRASS Workshop on Progress in Activity-Based Analysis, Maastricht.

Märki, F. (2012) Continuous activity planning: A target driven approach, presentation, Technical University Eindhoven, Eindhoven, April 2012.

Märki, F., D. Charypar and K. W. Axhausen (2012) Target driven activity planning, presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Märki, F., D. Charypar and K. W. Axhausen (2010) Continuous simulation of daily travel, presentation, CCSS Seminar ETH Zurich, Zurich, December 2010.

Mahmassani, H. S. (1989) Dynamic models of commuter behavior: Experimental investigation and application to the analysis of planned traffic disruptions, presentation, World Conference on Travel Behaviour, Kyoto, Japan.

Mahmassani, H. S. and G.-L. Chang (1986) Specification and estimation of a dynamic departure time acceptability mechanism, presentation, 65<sup>th</sup> Annual Transportation Research Board Meeting, Washington, D.C.

May, M. (2007) Frequenzmodellierung der Agglomerationen in der Schweiz, presentation,



Fraunhofer Institute for Intelligent Analysis and Information Systems, Sankt Augustin, June.

Meister, K. (2007) MATSim facilities, internal presentation, IVT, ETH Zurich, Zurich, May.

Meister, K. (2008) Quick computation of “triple convergence” in MATSim - method and preliminary results, internal presentation, MATSim Seminar, IVT, ETH Zurich, Castasegna, September.

Meister, K. (2009) MATSim tutorial: Simple example, presentation, 1st MATSim User Meeting, Berlin.

Meister, K. (2010) Large-scale agent-based travel demand optimization applied to Switzerland, including mode choice, presentation, Integrated Modeling and Simulation Workshop, MIT Portugal Program Transportation Systems, Lisbon.

Menéndez, M. (2012) SVT: INTERACTION and other ASTRA projects, presentation, ASTRA @ HIL, Zurich, November 2012.

Menéndez, M. (2012) I Can Start a Research Group, Now What?, presentation, COTA – Professional Development Forum for Young Scholars and Students, Beijing, August 2012.

Menéndez, M. (2012) Controlling traffic in Zurich: a macroscopic approach, presentation, 12th COTA International Conference of Transportation Professionals (CICTP 2012), Beijing, August 2012.

Menéndez, M. (2013) Overview of research in transportation, presentation, invited lecture at First Climate, Zurich, May 2013.

Menéndez, M. (2012) Visionary Mobility, presentation, 6th HSG Alumni Flagship Event, Zurich, November 2012.

Menéndez, M. (2012) Urban Structure and Traffic Performance, presentation, Netzwerk Stadt und Landschaft (NSL) Werkdiskussion, Zurich, November 2012.

Menéndez, M. (2012) ZurichLAB, presentation, Modelling and Simulation group meeting within the Division of Transport for the City of Zurich, Zurich, November 2012.

Menéndez, M., J. Ortigosa and H. Tapia (2013) Study on the location of measurement points for traffic perimeter control, presentation, invited lecture at University of South Florida, Tampa, January 2013.

Menéndez, M. (2012) Traffic control and management strategies: Today and tomorrow, presentation, China’s Traffic Management Research Institute of the Public Security Ministry, Wuxi, August 2012.

Menéndez, M. and Q. Ge (2012) Using VISSIM to model traffic in the city of Zurich, presentation, IVT-Alumni-Seminar, Zurich, March 2012.

Menéndez, M. and J. Ortigosa (2012) Traffic performance and networks, presentation, EPF Lausanne, Lausanne, April 2012.

Menéndez, M., J. Ortigosa and H. Tapia (2012) Macroscopic traffic controls in the city of Zürich, presentation, Vereinigung der Kader des Bundes (VKB), Zurich, September 2012.

Müller, K. and G. Flötteröd (2014) Population synthesis with regression trees, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.

Müller, K. and K. W. Axhausen (2012) Multi-level fitting algorithms for population synthesis, presentation, 1st European Symposium on Quantitative Methods in Transportation Systems, Lausanne, September 2012.

Müller, K. (2010) Population synthesis: State of the art, presentation, 10th Swiss Transport Research Conference, Ascona, September 2010.

Müller, K. (2011) Occam's Razor and some randomness: Generating a synthetic population for Switzerland, presentation, European Transport Conference, Glasgow, October 2011.

Müller, K. (2011) IPF within multiple domains: Generating a synthetic population for Switzerland, presentation, 11th Swiss Transport Research Conference, Ascona, May 2011.

Müller, K. (2012) Using the Swiss PUS to generate a synthetic population for Switzerland, presentation, 13th International Conference on Travel Behavior Research, Toronto, July 2012.

Nagel, K. (2012) Transport simulation as a complex adaptive system, presentation, LATSIS: 1st European Symposium on Quantitative Methods in Transportation Systems, Lausanne, September.

Ordóñez Medina, S. A. (2015) Recognizing personalized flexible activity patterns, presentation, 14th International Conference on Travel Behavior Research (IATBR), Windsor, July 2015.

Ordóñez Medina, S. A. and A. L. Erath (2013) Estimating Dynamic Workplace Capacities using Public Transport Smart Card Data and a Household Travel Survey, presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Ortigosa, J., K. Arnet, Q. Ge and M. Menéndez (2012) Study of traffic management in the Zürich area, presentation, IVT-Alumni-Seminar, Zurich, March 2012.

Ortigosa, J., H. Tapia and M. Menéndez (2012) Studying the feasibility of an MFD control in Zurich, presentation, 1st European Symposium on Quantitative Methods in Transportation Systems (LATSYS), Lausanne, September 2012.

Ortigosa, J., M. Menéndez and A.-K. Bodenbender (2012) Link removal on a grid street network, presentation, 12th Swiss Transport Research Conference, Ascona, May 2012.

Ortigosa, J., V. V. Gayah and M. Menéndez (2013) Study of urban grid configurations, presen-

tation, 13th Swiss Transport Research Conference, Ascona, April 2013.

Ortigosa, J., V. V. Gayah and M. Menéndez (2014) Comparison of Traffic Performance in Finite Grids with Different Configurations: Analytical Versus Simulated Approach, presentation, 93rd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2014.

Ortigosa, J. and M. Menéndez (2013) Traffic performance impacts of link removal on a grid urban pattern, presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Permain, D. (1989) The Measurement of Passenger Valuations towards Rail Station Facilities: An Application of the “Priority Evaluator Method”, presentation, 17. PTRC Summer Annual Meeting, Brighton.

Poeck, M. and D. Zumkeller (1976) Die Anwendung einer massnahmenempfindlichen Prognosemethode am Beispiel des Grossraums Nürnberg, presentation, Workshop Policy Sensitive Models, Deutsche Verkehrswissenschaftliche Gesellschaft (DVWG), Giessen.

Portnov, B. A., K. W. Axhausen and M. Tschopp (2009) Location relativity in space and time: Some evidence from Swiss Municipalities, 1950-2000, presentation, 49th European Congress of the Regional Science Association International, Łódź, August 2009.

Pukelsheim, F. and B. Simeone (2009) On the iterative proportional fitting procedure: Structure of accumulation points and  $L_1$ -error analysis, <http://opus.bibliothek.uni-augsburg.de/volltexte/2009/1368>, accessed on 29/07/2010.

Rai, R. K., M. Balmer, M. Rieser, V. S. Vaze, S. Schönfelder and K. W. Axhausen (2007) Capturing human activity spaces: New geometries, poster presentation, TRB 86th Annual Meeting, Washington, D.C., January.

Rebmann, K. and T. Ohnmacht (2012) Mikrozensus Mobilität und Verkehr 2010, presentation, BG-Sitzung, Swiss Federal Statistical Office (BFS) and Swiss Federal Office for Spatial Development (ARE), Berne, April 2012.

Rieser, M. (2011) Mobility simulations in matsim, internal presentation, IVT, ETH Zurich, Zurich, February.

Rieser, M. (2008) Modal split under the influence of road pricing measures, internal presentation, IVT, ETH Zurich, Zurich, May.

Rieser-Schüssler, N., M. Rieser, L. Montini and K. W. Axhausen (2014) Exploring choice set generation approaches for public transport connection choice, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

Sarlas, G., R. Fuhrer and K. W. Axhausen (2014) Estimating the agglomeration effects of public transport improvements: the case of Switzerland, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.

Scherer, M. (2009) Norm theory applied to mobility behavior, unpublished, Seminar in Rational Choice Theory, ETH Zurich, Zurich.

Schirmer, P. M. (2013) Verhalten im Raum – Standortwahl von Haushalten und Unternehmen, presentation, Compact course “Urban Psychology” at Center for Urban & Real Estate Management (CUREM), Zurich, March 2013.

Schirmer, P. M. (2012) Modelling behaviour using urban form: a planner’s approach, presentation, Brownbag, IVT, ETH Zurich, Zurich, January 2012.

Schirmer, P. M. (2014) Quantifying the value of urban morphology – a hedonic rent price model on the canton of Zurich, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

Schirmer, P. M. and N. Kawagishi (2012) Shape grammars als regelbasierter Ansatz in Projekten der Stadtplanung und des Städtebaus, presentation, GIS Talk 2012, Munich, May 2012.

Schirmer, P. M. and C. Zöllig (2012) Using GIS for setting up an urban simulation environment, presentation, EGREGIS Meeting, Zurich, January 2012.

Schirmer, P. M. (2011) Simulating urban dynamics with agent based models, presentation, Brownbag Chair of Architecture and Urban Design, Zurich, December 2011.

Schirmer, P. M., C. Zöllig, K. Müller, B. R. Bodenmann and K. W. Axhausen (2012) Landuse simulation on the Canton of Zurich using UrbanSim: Results of the first run, presentation, ERSa 2012 Congress, Bratislava, August 2012.

Schirmer, P. M., C. Zöllig, K. Müller, B. R. Bodenmann and K. W. Axhausen (2012) Landuse simulation on the Canton of Zurich using UrbanSim: Current State and First Run, presentation, 12th Swiss Transport Research Conference, Ascona, May 2012.

Schirmer, P. M., C. Zöllig Renner and K. Müller (2013) Integrated Transport LandUse Simulation on the Canton of Zurich, presentation, 13th Swiss Transport Research Conference, Ascona, April 2013.

Schmid, B., M. Balac and K. W. Axhausen (2014) Scheduling in a post-car world: Experiments and methods, presentation, PCW Preconference Workshop of the 14th Swiss Transport Research Conference, Ascona, May 2014.

Schüssler, N. (2006) Initial ideas on accounting for similarities between alternatives in route, mode and destination choice, presentation, 2nd Workshop on Discrete Choice Models, EPF Lausanne, Lausanne, September 2006.

Schüssler, N. (2007) Similarities in air transport connection choice, presentation, 3rd Workshop on Discrete Choice Models, EPF Lausanne, Lausanne, August 2007.

Schüssler, N. (2008) Using GPS data for route choice modelling, presentation, 4th Workshop on Discrete Choice Models, EPF Lausanne, Lausanne, August 2008.

- Schüssler, N. (2009) Challenges of route choice models derived from GPS, presentation, 5th Workshop on Discrete Choice Models, EPF Lausanne, Lausanne, August 2009.
- Schüssler, N. (2011) Challenges of route choice models derived from GPS, presentation, 7th Workshop on Discrete Choice Models, EPF Lausanne, Lausanne, August 2009.
- Schüssler, N. (2007) The role of similarities for air connection choice, presentation, IVT-Seminar, ETH Zurich, Zurich, December 2007.
- Schüssler, N. (2006) Auswirkungen von Mobility Pricing auf das Verkehrsverhalten, presentation, Internes IVT-Seminar, ETH Zurich, Zurich, October 2006.
- Schüssler, N. (2005) Fehler und Gleichgewichte - Experimente mit dem nationalen Verkehrsmodell, presentation, Internes IVT-Seminar, ETH Zurich, Zurich, October 2005.
- Schüssler, N. (2010) Development of psychometric scales to evaluate the attitude towards risk, environmentalism and variety seeking of public transport users, presentation, 10th Swiss Transport Research Conference, Ascona, October 2010.
- SfSB (1998) Datengrundlagen Stadtentwicklungsplan Verkehr, unpublished, Senatsverwaltung für Stadtentwicklung Berlin, Berlin.
- Sinden, J. A., P. O. Downey, S. M. Hester and O. Cacho (2008) Valuing the biodiversity gains from protecting native plant communities from bitou bush in new south wales: application of the defensive expenditure method, *presentation*, University of New England, Canberra.
- Soriguera, F., M. Sala, I. Martínez and M. Menéndez (2014) Freeway lab: Testing dynamic speed limits, presentation, XI Conference on Transport Engineering (CIT 2014), Santander, June 2014.
- Stahel, A. (2013) Modellierung von Wettereinflüssen in Agenten-basierten Verkehrssimulationen, presentation, Universitätstagung Verkehrswesen 2013, Kappel am Albis, October 2013.
- Sun, L. (2014) Efficient detection of contagious outbreaks in massive metropolitan encounter networks, presentation, International School and Conference on Network Science (NetSci 2014), Berkeley, June 2014.
- Sun, L. (2014) Characterizing travel time reliability and passenger path choice in a metro network, presentation, 3rd Symposium of the European Association for Research in Transportation (hEART 2014), Leeds, September 2014.
- Sun, L. (2014) Quantifying long-term evolution of intra-urban spatial interactions, presentation, Urban Systems and Networks (NetSci Satellite), Berkeley, June 2014.
- Sun, L. and K. W. Axhausen (2013) Familiar strangers: understanding metropolitan patterns of daily encounters, presentation, International School and Conference on Network Science, Copenhagen, June 2013.

Sun, D., J. Gang Jin, D.-H. Lee and A. L. Erath (2012) Designing a demand responsive timetable for MRT services, presentation, 2nd Future Cities Laboratory Conference, ETH Zurich, Zurich, September 2012.

Stadt Zürich, Dienstabteilung Verkehr (2008) Grünzeiten der stadtzürcherischen Verkehrsregelungsanlagen im September 2007, unpublished, Traffic Division, Zurich Police Departement, Zurich.

Tan, T. (2013) Does geography matter? The effect of geography on Singaporean social networks, presentation, Annual Conference for the Consortium of Asian and African Studies, Singapore, January 2013.

Tan, T. (2012) Social network geographies of Singaporeans, presentation, 3rd International Conference of Geographies of Children, Young People and Families, Singapore, July 2012.

Tan, T. (2013) The Network Geographies of Singaporeans, presentation, XXXIII Sunbelt Social Networks Conference, Hamburg, May 2013.

Tan, T., V. Chua and K. W. Axhausen (2015) Ego networks and social geographies in Singapore, presentation, Frontiers in Transportation - Workshop, Windsor, July 2015.

van Eggermond, M. A. B. (2012) MATSim Singapore, presentation, Technical University Eindhoven, Eindhoven, January 2012.

van Eggermond, M. A. B. (2012) Module VIII: Mobility & Transportation, presentation, Presentation for the URA Board of Directors, Singapore, October 2012.

van Eggermond, M. A. B. and A. L. Erath (2012) Pedestrian and transit accessibility on a micro-level: results & challenges, presentation, World Symposium on Transport and Land Use Research (WSTLUR), Delft, June 2014.

van Eggermond, M. A. B., H. Chen, A. L. Erath and M. Cebrian (2015) Investigating the potential of social network data for transport demand models, poster presentation, 94th Annual Meeting of the Transportation Research Board (TRB 2015), Washington, D.C., January 2015.

Vitins, B. J. and K. W. Axhausen (2012) Shape Grammars for Intersections in Urban Network Design, presentation, 1st LATSIS Symposium, Lausanne, September 2012.

Vitins, B. J. (2014) Road Transport Network Design and Intersection Type Choice, presentation, Chair of Sociology, in Particular of Modeling and Simulation, Zurich, January 2014.

Vitins, B. J. (2014) Shape Grammars for Transport Network Design, presentation, Bartlett Centre for Advanced Spatial Analysis (CASA), UCL, London, July 2014.

Vitins, B. J. (2012) Grammatiken für Netzdesign, presentation, METRON Seminar, Brugg, February 2012.

Vovsha, P. (2014) Travel mode of future, presentation, Demonstration of an Integrated Dyna-

mic Policy Sensitive Model of Travel Demand for the Mega-Region of New York, New York, May 2014.

Vovsha, P., J. P. Gliebe, E. Petersen and F. S. Koppelman (2004) Comparative analysis of sequential and simultaneous choice structures for modeling intra-household interactions, presentation, EIRASS Workshop on Progress in Activity-Based Analysis, Maastricht.

Vrtic, M., P. Fröhlich, N. Schüssler, K. W. Axhausen, D. Lohse, C. Schiller, S. Dasen, S. Erne and B. Singer (2006) Erstellung und Plausibilisierung von Netzmodellen als verkehrsplanerische Grundlage, internationales Verkehrswesen, forthcoming.

Waddell, P. A. (2010) Overview of UrbanSim and the Open Platform for Urban Simulation, presentation, UrbanSim Tutorial, Zurich.

Waraich, R. A. (2014) Can Pseudo-Simulation be used for Modelling Parking Search?, presentation, Brown Bag, Zurich, April 2014.

Waraich, R. A. (2012) A Framework for Modeling the Electricity Demand by Plug-in Electric Vehicles, presentation, 25th European Conference on Operational Research, Vilnius, July 2012.

Waraich, R. A. (2014) Agent-based modelling of parking choice and search, presentation, 3rd Annual Symposium of the ParisTech Eco-design Chair, Paris, November 2014.

Waraich, R. A. (2014) Agent-based simulation of electric vehicles, presentation, Paul Scherrer Institute, Laboratory for Energy Systems Analysis, Villigen PSI, September 2014.

Waraich, R. A. and K. W. Axhausen (2014) Infrastructure and policy design for electric vehicles, poster presentation, SCCER-Mobility 1st Annual Conference, Zurich, September 2014.

Waraich, R. A. and K. W. Axhausen (2012) An Agent-Based Parking Choice Model, presentation, 91st Annual Meeting of the Transportation Research Board, Washington, D.C., January 2012.

Waraich, R. A., C. Dobler, C. Weis and K. W. Axhausen (2013) Optimizing Parking Prices Using an Agent Based Approach, poster presentation, 92nd Annual Meeting of the Transportation Research Board, Washington, D.C., January 2013.

Waraich, R. A., C. Dobler and K. W. Axhausen (2012) Modelling Parking Search Behaviour with an Agent-Based Approach, presentation, 13th International Conference on Travel Behaviour Research, Toronto, July 2012.

Waraich, R. A. (2012) Impact of vehicle charging on the electric grid in Zurich, presentation, 4th MATSim User Meeting, Berlin, March 2012.

Waraich, R. A., S. Ranganathan and K. W. Axhausen (2014) The Parking Game, presentation, 14th Swiss Transport Research Conference, Ascona, May 2014.

Weis, C. and K. W. Axhausen (2009) Benzinpreis und Bahnnutzung, unpublished, Swiss Railways, IVT, ETH Zurich, Zurich.

Weis, C. (2009) SVI 2005/203 - Neuverkehr, presentation, SVI Fachtagung Forschung, Olten, September 2009.

Yin, Y. (2012) Differentiated Congestion Pricing of Urban Transportation Networks with Vehicle-Tracking Technologies, presentation, IVT-Seminar, Zurich, September 2012.

Zöllig Renner, C., P. M. Schirmer and K. Müller (2013) Case Study Zurich, presentation, SustainCity Conference on Integrated Land-Use and Transport Simulation, Zurich, April 2013.

Zöllig Renner, C. (2014) Simulating the evolution of urban systems for sustainability assessment, presentation, RSA Research Network Workshop, St. Gallen, July 2014.

Zöllig Renner, C. and P. M. Schirmer (2013) Flächennutzungs- und Transportsimulation im Kanton Zürich, online video, 3rd Scientifica – Zürcher Wissenschaftstage, Zurich, August 2013.

INCOLLECTION-AUTHOR (0000) TITLE, in BOOK-EDITOR (ed.) *TITLE*, edition edn., vol. volume of *series*, chap. chapter, pages, PUBLISHER, address.

INCOLLECTION-AUTHOR (0001) A chapter of a book with an editor with its own title and author, in BOOK-EDITOR (ed.) *A Book with an Editor and all Information*, 3. edn., vol. 987 of 6, chap. 9, 87–654, Springer, Zurich.

INCOLLECTION-AUTHOR (0002) Minimal version of a chapter of a book with an editor with its own title and author, in BOOK-EDITOR (ed.) *A Book with an Editor and Some Missing Optional Values*, vol. 987, Springer, Zurich.

Ahas, R., S. Silm, E. Saluveer and O. Järv (2008) Modelling home and work locations of populations using passive mobile positioning data, in G. Gartner and K. Rehl (eds.) *Location Based Services and TeleCartography II: From Sensor Fusion to Context Models*, 1st edn., 301–315, Springer.

Arellano, M. and B. E. Honoré (2001) Panel data models: Some recent developments, in J. J. Heckman and E. E. Leamer (eds.) *Handbook of Econometrics*, 3229–3296, Elsevier, Oxford.

Arendt, M. and M. Vrtic (2006) Nationales Personenverkehrsmodell des Bundes als verkehrsplanerische Grundlage, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2005/2006 Schweizerische Verkehrswirtschaft*, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Arentze, T. A., A. W. J. Borgers, F. Hofman, S. Fujii, C.-H. Joh, A. Kikuchi, R. Kitamura and P. Timmermans, Harry J. P. van der Waerden (2001) Rule-based versus utility-maximizing models of activity-travel patterns: A comparison of empirical performance, in D. A. Hensher (ed.) *Travel Behaviour Research: The Leading Edge*, 569–583, Pergamon Press, Oxford.



Arentze, T. A., H. J. P. Timmermans and J. Veldhuisen (2010) The Residential Choice Module in the Albatross and Ramblas Model Systems, in F. Pagliara, J. Preston and D. Simmonds (eds.) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, 209–222, Springer, Berlin.

Armoogum, J. and J.-L. Madre (2002) Weighting and correcting long-distance travel surveys, in K. W. Axhausen, J.-L. Madre, J. W. Polak and P. L. Toint (eds.) *Capturing Long-Distance Travel*, 152–170, Research Studies Press, Hertfordshire.

Armoogum, J., K. W. Axhausen and J.-L. Madre (2009) Synthesis of the working group European Transport Surveys of the European Action „Changing behavior towards a more sustainable transport system“, in P. Bonnel, J. Zmud, M. E. H. Lee-Gosselin and J.-L. Madre (eds.) *Transport Survey Methods: Keeping Up with a Changing World*, Emerald, Bingley.

Axelrod, R. (2007) Simulation in the social sciences, in J.-P. Rennard (ed.) *Handbook of Research on Nature Inspired Computing for Economy and Management*, 90–100, IGI Global, Hershey.

Axhausen, K. W. (1999) Which management and which pricing?, in ECMT (ed.) *Which changes for transport in the next century?*, ECMT, Paris.

Axhausen, K. W. (1998) Can we ever obtain the data we would like to have?, in T. Gärling, T. Laitila and K. Westin (eds.) *Theoretical Foundations of Travel Choice Modeling*, 305–323, Pergamon Press, Oxford.

Axhausen, K. W. (2012) Computational challenges for integrated micro-simulation models, in C. R. Bhat and R. M. Pendyala (eds.) *Travel Behaviour Research for an Evolving World*, Emerald.

Axhausen, K. W. (2005) Social networks and travel: Some hypotheses, in K. P. Donaghy, S. Poppelreuter and G. Rudinger (eds.) *Social Dimensions of Sustainable Transport: Transatlantic Perspectives*, Ashgate, Aldershot.

Axhausen, K. W. (2015) Welches Geschwindigkeitsniveau braucht eine Stadt?, in U. Huwer, R. Wimmer, R. Ott, S. Hinden, C. Camandona and A. Renard (eds.) *Optimale Geschwindigkeiten in Siedlungsgebieten*, 71–74, Books on Demand.

Axhausen, K. W. (2009) Advances in activity analysis, in R. Kitamura (ed.) *The Expanding Sphere of Travel Behaviour Research: Selected Papers from the 11th International Conference on Travel Behaviour Research*, 457–463, Emerald, Bingley.

Axhausen, K. W. (2015) Activity Spaces, Biographies, Social Networks and their Welfare Gains and Externalities: Some Hypotheses and Empirical Results, in M. Kowald and K. W. Axhausen (eds.) *Social Networks and Travel Behaviour*, 5–30, Ashgate, Burlington.

Axhausen, K. W., J. Larsen and J. Urry (2009) Network society and networked traveller, in W. Saleh and G. Sammer (eds.) *Road User Pricing: the Success and Failure of Travel Demand*

*Management*, 89–108, Ashgate, Aldershot.

Axhausen, K. W. (2006) Moving through nets: An introduction, in K. W. Axhausen (ed.) *Moving Through Nets: The Physical and Social Dimensions of Travel*, 1–7, Elsevier, Oxford.

Axhausen, K. W. (1990) A simultaneous simulation of activity chains and traffic flow, in P. M. Jones (ed.) *Developments in Dynamic and Activity-Based Approaches to Travel Analysis*, 206–225, Avebury, Aldershot.

Axhausen, K. W. (1997) Data needs of activity scheduling models, in D. F. Ettema and H. J. P. Timmermans (eds.) *Activity-Based Approaches to Travel Analysis*, 229–241, Pergamon Press, Oxford.

Axhausen, K. W. (2007) Definition of movement and activity for transport modelling, in D. A. Hensher and K. J. Button (eds.) *Handbook of Transport Modelling*, 2. edn., 329–343, Elsevier, Oxford.

Bagley, M. N. and P. L. Mokhtarian (1999) The role of lifestyle and attitudinal characteristics in residential neighborhood choice, in A. Ceder (ed.) *Transportation and Traffic Theory - Proceedings of the 14th International Symposium on Transportation and Traffic Theory*, Elsevier, Oxford.

Balmer, M., M. Rieser, K. Meister, D. Charypar, N. Lefebvre and K. Nagel (forthcoming) MATSim-T: Architecture and simulation times, in A. L. C. Bazzan and F. Klügl (eds.) *Multi-Agent Systems for Traffic and Transportation Engineering*, IGI Global.

Balmer, M., M. Rieser, K. Meister, D. Charypar, N. Lefebvre and K. Nagel (2009) MATSim-T: Architecture and simulation times, in A. L. C. Bazzan and F. Klügl (eds.) *Multi-Agent Systems for Traffic and Transportation Engineering*, 57–78, Information Science Reference, Hershey.

Balmer, M., M. Rieser, A. Vogel, K. W. Axhausen and K. Nagel (2005) Generating day plans using hourly origin-destination matrices, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2004/2005 Schweizerische Verkehrswirtschaft*, 5–36, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Balmer, M., B. Raney and K. Nagel (2005) Adjustments of activity timing and duration in an agent-based traffic flow simulation, in H. J. P. Timmermans (ed.) *Progress in Activity-Based Analysis*, 91–114, Elsevier, Oxford.

Balmer, M. and K. Nagel (2006) Shape morphing of intersection layouts using curb side oriented driver simulation, in J. P. van Leeuwen and H. J. P. Timmermans (eds.) *Innovations in Design & Decision Support Systems in Architecture and Urban Planning*, 167–183, Springer, Eindhoven.

Barceló, J., J. L. Ferrer, D. Garcia, M. Florian and E. Le Saux (1998) Microscopic traffic simulation, in P. Marcotte and S. Nguyen (eds.) *Equilibrium and Advanced Transportation Modelling*, chap. 1, 1–26, Kluwer, Dordrecht.

- Bast, H. (2009) Car or public transport — two worlds, in S. Albers, B. Alt and S. Näher (eds.) *Efficient Algorithms*, Lecture Notes in Computer Science, 355–367, Springer, Berlin.
- Bast, H., E. Carlsson, A. Eigenwillig, R. Geisberger, C. Harrelson, V. Raychev and F. Viger (2010) Fast routing in very large public transportation networks using transfer patterns, in M. de Berg and U. Meyer (eds.) *Algorithms – ESA 2010*, vol. 6346 of *Lecture Notes in Computer Science*, 290–301, Springer, Berlin.
- Bates, J. J. (2006) Economic evaluation and transport modelling: Theory and practice, in K. W. Axhausen (ed.) *Moving Through Nets: The Physical and Social Dimensions of Travel*, 279–351, Elsevier, Oxford.
- Bates, J. (2000) History of demand modelling, in D. A. Hensher and K. J. Button (eds.) *Handbook of Transport Modelling*, chap. 2, 11–33, Pergamon Press, Amsterdam.
- Batsell, R. R. (1982) A multiattribute extension of the luce model which simultaneously scales utility and substitutability, in J. Huber (ed.) *The Effect of Item Similarity on Choice Probabilities: A Collection of Working Papers from a Conference at Quail Roost*, 4–23, Duke University, Durham.
- Baumann, G. (2004) Grammars of identity/alterity : A structural approach, in G. Baumann and A. Gingrich (eds.) *Grammars of Identity/Alterity : A Structural Approach*, 18–50, Berghahn Books, New York.
- Bazzan, A. L. C., J. Wahle and F. Klügl (1999) Agents in traffic modelling - from reactive to social behaviour, in W. Burgard, T. Christaller and A. B. Cremers (eds.) *Lecture Notes in Computer Science: Proceedings of the 23rd Annual German Conference on Artificial Intelligence: Advances in Artificial Intelligence 1999*, vol. 1701, 303–306, Springer.
- Ben-Akiva, M. E. and M. Bierlaire (1999) Discrete choice methods and their applications to short-term travel decisions, in R. Hall (ed.) *Handbook of Transportation Science*, chap. 2, 5–34, Kluwer, Dordrecht.
- Ben-Akiva, M. E., M. S. Ramming and S. Bekhor (2004) Route choice models, in M. Schreckenberg and R. Selten (eds.) *Human Behaviour and Traffic Networks*, 23–46, Springer, Berlin.
- Ben-Akiva, M. E., M. Bierlaire, H. Koutsopoulos and R. Mishalani (2002) Real time simulation of traffic demand-supply interactions with DynaMIT, in M. Gendreau and P. Marcotte (eds.) *Transportation and Network Analysis: Current Trends*, 19–36, Kluwer, Dordrecht.
- Ben-Akiva, M. E., J. L. Walker, A. T. Bernardino, D. Gopinath, T. Morikawa and A. Polydoropoulou (2002) Integration of choice and latent variable models, in H. S. Mahmassani (ed.) *In Perpetual Motion: Travel Behavior Research Opportunities and Application Challenges*, 431–470, Elsevier, Oxford.
- Ben-Akiva, M. E., M. J. Bergman, A. J. Daly and R. Ramaswamy (1984) Modelling inter-

urban route choice behaviour, in J. Volmuller and R. Hamerslag (eds.) *Proceedings of the Ninth International Symposium on Transportation and Traffic Theory*, chap. 15, 299–330, VNU Science Press, Utrecht.

Berdica, K. and L.-G. Mattsson (2007) Vulnerability: A mode-based case study of the road network in stockholm, in T. Murray and T. Grubestic (eds.) *Critical Infrastructure: Reliability and Vulnerability*, 81–106, Springer, Berlin.

Beser, M. and S. Algers (2001) Sampers - the new swedish national travel demand forecasting tool, in L. Lundqvist and L.-G. Mattsson (eds.) *National Transport Models: Recent Developments and Prospects*, Advances in Spatial Science, 101–118, Springer, Stockholm.

Bhat, C. R. (2002) Random utility-based discrete choice models for travel demand analysis, in K. G. Goulias (ed.) *Transportation Systems Planning: Methods and Applications*, chap. 10, 1–30, CRC Press, New York.

Bhat, C. R. and F. S. Koppelman (2003) Activity-based modeling of travel demand, in R. W. Hall (ed.) *Handbook of Transportation Science*, 39–65, Springer, New York.

Bierlaire, M. (1998) Discrete choice models, in M. Labbé, G. Laporte, K. Tanczos and P. L. Toint (eds.) *Operations Research and Decision Aid Methodologies in Traffic and Transportation Management*, vol. 166 of *NATO ASI Series F: Computer and Systems Sciences*, 203–227, Springer, Berlin.

Birg, H. and J. Flöthmann (1994) Erwerbsorientierung und Lebenslauf von jungen Frauen in unterschiedlichen regionalen Lebenswelten, in P. Beckmann and G. Engelbrech (eds.) *Arbeitsmarkt für Frauen 2000 - ein Schritt vor oder ein Schritt zurück?*, vol. 179 of *Beiträge zur Arbeitsmarkt- und Berufsforschung*, 253–280, Institut für Arbeitsmarkt- und Berufsforschung, Nürnberg.

Birkmann, J. (2006) Measuring vulnerability to promote disaster-resilient societies, in J. Birkmann (ed.) *Measuring Vulnerability to Natural Hazards*, 9–54, United Nations University Press, Tokyo.

Borgers, A. W. J., F. Hofman and H. J. P. Timmermans (1997) Activity-based modelling: Prospects, in D. F. Ettema and H. J. P. Timmermans (eds.) *Activity-Based Approaches to Travel Analysis*, 339–351, Pergamon Press, Oxford.

Bodenmann, B. R. (2007) Modelle zur Standortwahl von Unternehmen, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2006/2007 Schweizerische Verkehrswirtschaft*, 5–37, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Bodenmann, B. R. and K. W. Axhausen (2015) Modeling the life-cycle of firms and its effect on relocation choice, in R. Hurtubia, M. Bierlaire, P. A. Waddell and A. de Palma (eds.) *Integrated transport and land use modeling for sustainable cities*, 201–218, EPFL Press, Lausanne.

Bogner, A. and W. Menz (2009) Experteninterviews in der qualitativen Sozialforschung, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 7–31, Verlag für Sozialwissenschaften, Wiesbaden.

Bogner, A. and W. Menz (2009) Das theoriegenerierende Experteninterview, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 61–98, Verlag für Sozialwissenschaften, Wiesbaden.

Bowman, J. L., M. A. Bradley, Y. Shiftan, T. K. Lawton and M. E. Ben-Akiva (1999) Demonstration of an activity based model system for Portland, in H. Meersman, E. van de Voorde and W. Winkelmanns (eds.) *World Transport Research*, vol. 3, 171–184, Pergamon Press, Oxford.

Brandes, U. (2001) Drawing on physical analogies, in M. Kaufmann and D. Wagner (eds.) *Drawing Graphs*, 71–86, Springer, Berlin.

Brilon, W. and M. Grossmann (1991) The new german guideline for capacity of unsignalized intersections, in W. Brilon (ed.) *Intersections without Traffic Signals II*, 62–82, Springer, Berlin.

Brilon, W. and N. Wu (1998) Evaluation of cellular automata for traffic flow simulation on freeway and urban streets, in W. Brilon, F. Huber, M. Schreckenberg and H. Wallentowitz (eds.) *Traffic and Mobility: Simulation—Economics—Environment*, 163–180, Springer, Berlin.

Busse, G. (2003) Leitfadengestützte qualitative telefoninterviews, in O. Katenkamp, R. Kopp and A. Schröder (eds.) *Praxishandbuch: Empirische Sozialforschung*, 27–36, Lit Verlag, Münster.

Cardona, O. D. (1999) Environmental management and disaster prevention: Two related topics: A holistic risk assessment and management approach, in J. Ingleton (ed.) *Natural Disaster Management*, 91–102, Tudor Rose, London.

Cascetta, E., A. Nuzzola, F. Russo and A. Vitetta (1996) A modified logit route choice model overcoming path overlapping problems: Specification and some calibration results for inter-urban networks, in J. B. Lesort (ed.) *Proceedings of the 13th International Symposium on Transportation and Traffic Theory*, 697–711, Pergamon Press, Oxford.

Cassir, C. and M. G. H. Bell (2001) The n+m person game: Approach to network reliability, in M. G. H. Bell and C. Cassir (eds.) *Reliability of Transport Networks*, 91–102, Research Studies Press, Baldock.

Cassir, C., D. E. Bell and J.-D. Schmöcker (2003) A normative assessment of transport network reliability based on game theory, in M. G. H. Bell and Y. Iida (eds.) *The Network Reliability of Transport*, 225–243, Pergamon Press, Oxford.

Chang, G.-L. and H. S. Mahmassani (1989) The dynamics of commuting decision behaviour in urban transportation networks, in B. Gerardin (ed.) *Travel Behaviour Research*, 15–26, Avebury, Gower, Aldershot.

- Charnes, A. and W. W. Cooper (1961) Multicopy traffic network models, in R. Herman (ed.) *Theory of Traffic Flow*, 85–96, Elsevier, Amsterdam.
- Christmann, G. B. (2009) Telefonische Experteninterview - ein schwieriges Unterfangen, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 197–222, Verlag für Sozialwissenschaften, Wiesbaden.
- Church, R. L. and M. P. Scaparra (2007) Analysis of facility systems' reliability when subject to attack or natural disaster, in T. Murray and T. Grubescic (eds.) *Critical Infrastructure: Reliability and Vulnerability*, 221–241, Springer, Berlin.
- Ciari, F. and M. Balac (2016) Car sharing, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 141–144, Ubiquity, London.
- Copper Marcus, C., C. Francis and R. Russell (1998) Urban plazas, in C. Copper Marcus and C. Francis (eds.) *People Places*, 13–84, John Wiley & Sons, New York.
- Correa, J. and N. E. Stier-Moses (2010) Wardrop equilibria, in J. J. Cochran, L. A. Cox, P. Keskinocak, J. P. Kharoufeh and J. C. Smith (eds.) *Wiley Encyclopedia of Operations Research and Management Science*, John Wiley & Sons, Hoboken.
- Court, M., J. Pittman, C. Alexopoulos, D. Goldsman, S.-H. Kim, M. Loper, A. Pritchett and J. Haddock (2004) A framework for simulating human cognitive behavior and movement when predicting impacts of catastrophic events, in R. Ingalls, M. D. Rossetti, J. S. Smith and B. A. Peter (eds.) *WSC '04: Proceedings of the 36th Conference on Winter Simulation*, 830–838, IEEE Computer Society, Washington, D.C.
- Cramer, N. L. (1985) A representation for the adaptive generation of simple sequential programs, in J. J. Grefenstette (ed.) *Proceedings of the First International Conference on Genetic Algorithms and Their Applications*, 183–187, Lawrence Erlbaum Associates, Pittsburgh.
- Damm, D. (1990) Theory and empirical results: A comparison of recent activity-based research, in P. M. Jones (ed.) *Developments in Dynamic and Activity-Based Approaches to Travel Analysis*, 3–33, Avebury, Aldershot.
- Delling, D., M. Holzer, K. Müller, F. Schulz and D. Wagner (2009) High-performance multi-level routing, in C. Demetrescu, A. V. Goldberg and D. S. Johnson (eds.) *The Shortest Path Problem: Ninth DIMACS Implementation Challenge*, 73–91, American Mathematical Society, Providence.
- Dibbelt, J., T. Pajor, B. Strasser and D. Wagner (2013) Intriguingly simple and fast transit routing, in V. Bonifaci, C. Demetrescu and A. Marchetti-Spaccamela (eds.) *Experimental Algorithms*, vol. 7933 of *Lecture Notes in Computer Science*, 43–54, Springer, Heidelberg.
- Diekmann, A. and T. Voss (2004) Die theorie rationalen handelns. stand und perspektiven, in A. Diekmann and T. Voss (eds.) *Rational-Choice-Theorie in den Sozialwissenschaften: Anwendung und Probleme*, 13–29, Oldenbourg, Munich.

Dijst, M. and V. Vidakovic (1997) Individual action space in the city, in D. F. Ettema and H. J. P. Timmermans (eds.) *Activity-Based Approaches to Travel Analysis*, 117–134, Pergamon Press, Oxford.

Dobler, C. (2011) Exceptional events in a transport simulation, in R. Leidl and A. K. Hartmann (eds.) *Modern Computational Science 11: Simulation of Extreme Events. Lecture Notes from the 3rd International Summer School Oldenburg, August 15-26, 2011*, 311–325, BIS-Verlag, Oldenburg.

Dobler, C., K. W. Axhausen and S. Weinmann (2013) Transport simulations: Knowledge levels and system outcomes, in M. J. Roorda and E. J. Miller (eds.) *Travel Behaviour Research: Current Foundations, Future Prospects*, chap. 13, 299–319, Lulu Press Center.

Dobler, C., S. Weinmann and K. W. Axhausen (forthcoming) Transport simulations: Knowledge levels and system outcomes, in M. J. Roorda and E. J. Miller (eds.) *Transport simulations: Knowledge levels and system outcomes*, Lulu Press Center.

Doherty, S. T. (2002) Interactive methods for activity scheduling processes, in K. G. Goulias (ed.) *Transportation Systems Planning: Methods and Applications*, chap. 7, 1–26, CRC Press, New York.

Doherty, S. T. and K. W. Axhausen (1998) A unified framework for the development of a weekly household activity-travel scheduling model, in W. Brilon, F. Huber, M. Schreckenberg and H. Wallentowitz (eds.) *Traffic and Mobility: Simulation—Economics—Environment*, 35–56, Springer, Berlin.

Doherty, S. T., E. J. Miller, K. W. Axhausen and T. Gärling (2002) A conceptual model of the weekly household activity-travel scheduling process, in E. Stern, I. Salomon and P. H. L. Bovy (eds.) *Travel Behaviour: Patterns, Implications and Modelling*, 233–264, Edward Elgar, Cheltenham.

Dougherty, M. S., H. R. Kirby and R. D. Boyle (1994) Using neural networks to recognise, predict and model traffic, in M. Bielli, G. Ambrosino and M. Boero (eds.) *Artificial Intelligence Applications to Traffic Engineering*, 233–250, VSP, Utrecht.

Duarte, J. P., J. N. Beirão, N. Montenegro and J. Gil (2012) City induction: A model for formulating, generating, and evaluating urban designs, in S. Müller Arizona, G. Aschwanden, J. Halatsch and P. Wonka (eds.) *Digital Urban Modeling and Simulation*, 79–104, Springer, Berlin.

Dubernet, T. (2016) Joint decisions, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, Ubiquity, London.

Dujardin, C., R. Fondacci and M. S. Redon (1991) Air traffic simulators, in M. Papageorgiou (ed.) *Concise Encyclopedia of Traffic and Transportation Systems*, 22–29, Pergamon Press, Oxford.

- Ehreke, I. and K. W. Axhausen (2015) Modellierung von Arbeitsplatzentscheidungen in Mobilitätsbiographien, in C. Holz-Rau and J. Scheiner (eds.) *Räumliche Mobilität und Lebenslauf – Studien zu Mobilitätsbiografien und Mobilitätssozialisation*, 261–276, Springer, Wiesbaden.
- Eagle, N., A. Pentland and D. Lazer (2008) Mobile phone data for inferring social network structure, in H. Liu, J. J. Salermo and M. J. Young (eds.) *Social Computing, Behavioral Modeling, and Prediction*, 79–88, Springer.
- Eliasson, J. (2010) The Influence of Accessibility on Residential Location, in F. Pagliara, J. Preston and D. Simmonds (eds.) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, 137–164, Springer, Berlin.
- Evans, J. E., K. U. Bhatt and K. F. Turnbull (2003) Road value pricing, in J. R. Kuzmyak (ed.) *Traveler Response to Transportation System Changes*, vol. 95 of *Transit Cooperative Research Program Report (TCRP)*, chap. 14, Transportation Research Board, Washington, D.C.
- Erath, A. L. (2007) Der Einfluss von Mobility Pricing auf den Besitz von Mobilitätswerkzeugen und die Wohnstandortwahl, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2006/2007 Schweizerische Verkehrswirtschaft*, chap. 3, 43–72, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.
- Erath, A. L. and P. J. Fourie (2016) Interactive Analysis and Decision Support with MATSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, Ubiquity, London.
- Erath, A. L. and P. J. Fourie (2016) Interactive Analysis and Decision Support with MATSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, Ubiquity, London.
- Esser, J. and K. Nagel (2001) Iterative demand generation for transportation simulations, in D. A. Hensher (ed.) *Travel Behaviour Research: The Leading Edge*, 689–709, Pergamon Press, Oxford.
- Ewing, R. (2008) Characteristics, causes, and effects of sprawl: A literature review, in J. M. Marzluff, E. Shulenberger, W. Endlicher, M. Alberti, G. Bradlay, C. Ryan, U. Simon and C. ZumBrunnen (eds.) *Urban Ecology*, 519–536, Springer, New York.
- Fagin, R. (1974) General first-order spectra and polynomial-time recognizable sets, in R. M. Karp (ed.) *Complexity of Computation*, 43–73, Society for Industrial and Applied Mathematics (SIAM), Providence.
- Farooq, B., K. Müller, M. Bierlaire and K. W. Axhausen (2015) Methodologies for synthesizing populations, in R. Hurtubia, M. Bierlaire, P. A. Waddell and A. de Palma (eds.) *Integrated transport and land use modeling for sustainable cities*, 77–94, EPFL Press, Lausanne.
- Fellendorf, M., T. Haupt, U. Heidl and W. Scherr (1997) PTV vision: Activity-based micro-simulation model for travel demand forecasting, in D. F. Ettema and H. J. P. Timmermans



(eds.) *Activity-Based Approaches to Travel Analysis*, 55–72, Pergamon Press, Oxford.

Ferreira, P. A. F., E. F. Esteves, R. J. F. Rossetti and E. C. Oliveira (2008) A cooperative simulation framework for traffic and transportation engineering, in L. Yuhua (ed.) *Cooperative Design, Visualization, and Engineering*, vol. 5220 of *Lecture Notes in Computer Science*, 89–97, Springer, Berlin.

Ferscha, A. (1996) Parallel and distributed simulation of discrete event systems, in A. Y. H. Zomaya (ed.) *Parallel and Distributed Computing Handbook*, 1003–1041, McGraw-Hill, New York.

Flötteröd, G. and B. Kickhöfer (2016) Choice models in MATSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 337–346, Ubiquity, London.

Florian, M., J. H. Wu and S. He (2002) A multi-class multi-mode variable demand network equilibrium model with hierarchical logit structures, in M. Gendreau and P. Marcotte (eds.) *Transportation and Network Analysis: Current Trends*, 119–133, Kluwer, Dordrecht.

Fosgerau, M. (2001) PETRA - an activity-based approach to travel demand analysis, in L. Lundqvist and L.-G. Mattsson (eds.) *National Transport Models: Recent Developments and Prospects*, Advances in Spatial Science, 134–146, Springer, Stockholm.

Fourie, P. J., A. L. Erath, S. A. Ordóñez Medina, A. Chakirov and K. W. Axhausen (forthcoming) Using smartcard data for agent-based transport simulation, in F. Kurauchi and J.-D. Schmöcker (eds.) *Public Transport Planning with Smart Card Data*, CRC Press, Boca Raton.

Fourie, P. J. (2016) Multi-Modeling in MATSim: PSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, Ubiquity, London.

Frei, A., K. W. Axhausen and T. Ohnmacht (2009) Mobilities and social network geography: Size and spatial dispersion - the Zurich case study results, in T. Ohnmacht, H. Maksim and M. Bergmann (eds.) *Mobilities and Inequalities*, 99–120, Ashgate, Farnham.

Frey, D., D. Stahlberg and P. M. Gollwitzer (1993) Einstellung und Verhalten: Die Theorie des überlegten Handelns und die Theorie des geplanten Verhaltens, in D. Frey and M. Irle (eds.) *Theorien der Sozialpsychologie, Band 1: Kognitive Theorien*, 361–398, Huber, Berne.

Friedrich, M., I. Hofsäss, K. Nökel and P. Vortisch (2000) Umlegung zeitlich differenzierter Nachfragematrizen: ein dynamisches Verfahren für Verkehrsplanung und Telematik, in K. J. Beckmann (ed.) *Tagungsband zum 1. Aachener Kolloquium Mobilität und Stadt*, vol. 69 of *Schriftenreihe Stadt Region Land*, 99–109, Institut für Stadtbauwesen und Strassenverkehr (ISB), RWTH Aachen, Aachen.

Friedrich, M. and T. Haupt (2002) Verkehrsplanung im Internet, Tagungsband der Jahrestagung 2002 des Arbeitskreises Verkehr der Deutschen Gesellschaft für Geographie, in A. Kargermeier, T. J. Mager and T. W. Zängler (eds.) *Mobilitätskonzepte in Ballungsräumen*, vol. 2

of *Studien zur Mobilitäts- und Verkehrsforschung*, 213–226, Verlag MetaGIS Infosysteme, Mannheim.

Friesz, T. L. (2010) Dynamic user equilibrium, in F. S. Hillier (ed.) *Dynamic Optimization and Differential Games*, chap. 9, 411–456, Springer, New York.

Friesz, T. L. and D. H. Bernstein (2000) Analytical dynamic traffic assignment models, in D. A. Hensher and K. J. Button (eds.) *Handbook of Transport Modelling*, chap. 11, 181–195, Pergamon Press, Amsterdam.

Fröhlich, P., M. Tschoop and K. W. Axhausen (2005) Netzmodelle und Erreichbarkeit in der Schweiz: 1950–2000, in K. W. Axhausen and L. Hurni (eds.) *Zeitkarten Schweiz 1950 - 2000*, 29–40, Institut für Verkehrsplanung und Transportsysteme and Institut für Kartografie, ETH Zürich, Zurich.

Fuhrer, R., P. Walker, G. Sarlas, K. W. Axhausen and R. Neuenschwander (2015) Gesamtwirtschaftliche Effekte des öffentlichen Verkehrs mit besonderer Berücksichtigung der Verdichtungs- und Agglomerationseffekte – Eine empirische Studie im Schweizer Kontext, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2015 Schweizerische Verkehrswirtschaft*, 29–42, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Fujimoto, R. M. (2001) Parallel and distributed simulation systems, in B. A. Peter, J. S. Smith, D. J. Medeiros and M. W. Rohrer (eds.) *WSC '01: Proceedings of the 33rd Conference on Winter Simulation*, 147–157, IEEE Computer Society, Washington, D.C.

Fujimoto, R. M. (1989) Parallel discrete event simulation, in E. A. MacNair, K. J. Musselman and P. Heidelberger (eds.) *WSC '89: Proceedings of the 21st Conference on Winter Simulation*, 19–28, Association for Computing Machinery, New York.

Fukumoto, M. and H. Hasegawa (2011) Investigation of temporal change in heartbeat in transition of sound and music stimuli, in J. Yang (ed.) *Biometrics*, 235–248, InTech, Shanghai.

Gilbert, N. (2006) When does social simulation need cognitive models?, in D. Sun (ed.) *Cognition and Multi-Agent Interaction: From Cognitive Modeling to Social Simulation*, chap. 19, 428–432, Cambridge University Press, Cambridge.

Golob, T. F. (2002) Structural equation modeling, in K. G. Goulias (ed.) *Transportation Systems Planning: Methods and Applications*, chap. 11, CRC Press, New York.

Goseberg, N., A. Stahlmann, S. Schimmels and T. Schlurmann (2009) Highly-resolved numerical modeling of tsunami run-up and inundation scenario in the city of Padang, West Sumatra, in J. M. Smith (ed.) *Proceedings of the 31st International Conference on Coastal Engineering 2008*, World Scientific, Hamburg.

Gower, J. C. (1985) Measures of similarity, dissimilarity, and distance, in S. Kotz, N. L. Johnson and C. B. Read (eds.) *Encyclopedia of Statistical Sciences*, vol. 5, 397–405, John Wiley, New York.

- Gould, J. (2013) Cell Phone Enabled Travel Surveys: The Medium Moves the Message, in J. Zmud, M. E. H. Lee-Gosselin, M. A. Munizaga and J. A. Carrasco (eds.) *Transport Survey Methods: Best Practice for Decision Making*, 51–70, Emerald, Bingley.
- Gourley, S. and N. F. Johnson (2005) Decision-making and transport costs in complex networks, in A. Schadschneider, T. Pöschel, R. Kühne, M. Schreckenberg and D. E. Wolf (eds.) *Traffic and Granular Flow'05*, 359–374, Springer, Berlin.
- Grefenstette, J. J. (1987) Incorporating problem specific knowledge into genetic algorithms, in L. Davis (ed.) *Genetic Algorithms and Simulated Annealing*, Research Notes in Artificial Intelligence, 42–60, Pitman, London.
- Hajdin, R. (2001) KUBA-MS the Swiss bridge management system, in P. C. Chang (ed.) *Structures 2001 – A Structural Engineering Odyssey*, Structural Engineering Institute of ASCE, Washington, D.C.
- Han, X.-L. and J. W. Polak (2002) Imputation with non-ignorable missing values: a stochastic approach, in K. W. Axhausen, J.-L. Madre, J. W. Polak and P. L. Toint (eds.) *Capturing Long-Distance Travel*, 171–186, Research Studies Press, Hertfordshire.
- Han, Q., T. A. Arentze, H. J. P. Timmermans, D. Janssens and G. Wets (2009) A multi-agent modeling approach to simulate dynamic activity-travel patterns, in A. L. C. Bazzan and F. Klügl (eds.) *Multi-Agent Systems for Traffic and Transportation Engineering*, 36–56, Information Science Reference, Hershey.
- Hanson, S. and J. Huff (1988) Repetition and day-to-day variability in individual travel patterns: Implications for classification, in R. G. Golledge and H. J. P. Timmermans (eds.) *Behavioural Modelling in Geography and Planning*, 368–398, Croom Helm, London.
- Hartrum, T. C. and B. J. Donlan (1988) HYPERSIM: Distributed discrete-event simulation on an iPSC, in G. Fox (ed.) *Proceedings of the third conference on Hypercube concurrent computers and applications: Architecture, software, computer systems, and general issues*, vol. 1, 745–747, Association for Computing Machinery, New York.
- Heckman, J. J. (1981) Heterogeneity and state dependence, in S. Rosen (ed.) *Studies in labor markets*, vol. 31, 91–140, University of Chicago Press, Chicago.
- Hensher, D. A. (1997) Behavioral value of time savings in personal and commercial automobile travel, in D. L. Greene, D. W. Jones and M. A. Delucchi (eds.) *The Full Costs and Benefits of Transportation: Contributions to Theory, Method and Measurement*, 245–280, Springer, Berlin.
- Hensher, D. A. (2011) Valuation of travel time savings, in A. de Palma, R. Lindsey, E. Quinet and R. W. Vickerman (eds.) *A Handbook of Transport Economics*, 135–159, Edward Elgar, Cheltenham.
- Hensher, D. A. and W. H. Greene (2001) Choosing between conventional, electric, and lpg/cng

vehicles in single-vehicle households, in D. A. Hensher (ed.) *Travel Behaviour Research: The Leading Edge*, 725–750, Pergamon Press, Oxford.

Hilhorst, D. and G. Bankhoff (2004) Introduction: Mapping vulnerability, in G. Bankhoff, G. Frerks and D. Hilhorst (eds.) *Mapping Vulnerability: Disasters, Development and People*, 1–9, Earthscan, London.

Hoogendoorn-Lanser, S., R. van Nes and P. H. L. Bovy (2005) Path size and overlap in multi-modal transport networks, in H. S. Mahmassani (ed.) *Flow, Dynamics and Human Interaction - Proceedings of the 16th International Symposium on Transportation and Traffic Theory*, 63–83, Elsevier, Oxford.

Horni, A., K. Nagel and K. W. Axhausen (2016) Destination innovation, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 165–174, Ubiquity, London.

Nagel, K. and K. W. Axhausen (2016) Introducing MATSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 3–7, Ubiquity, London.

Hülsmann, F. H., B. Kickhöfer and R. Gerike (2013) Air pollution hotspots in urban areas – how effective are pricing strategies to comply with the EU limits for  $no_2$ , in R. Gerike, F. Hülsmann and K. Roller (eds.) *Strategies for Sustainable Mobilities – Opportunities and Challenges*, 105–128, Ashgate, Burlington.

Huff, J. and S. Hanson (1990) Measurement of habitual behaviour: Examining systematic variability in repetitive travel, in P. M. Jones (ed.) *Developments in Dynamic and Activity-Based Approaches to Travel Analysis*, 229–249, Avebury, Aldershot.

Hunt, J. D. (2010) Stated Preference Examination of Factors Influencing Residential Attraction, in F. Pagliara, J. Preston and D. Simmonds (eds.) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, 21–59, Springer, Berlin.

Iida, Y. and H. Wakabayashi (1989) An approximation method of terminal reliability of road network using partial minimum path and cut sets, in WCTRS (ed.) *Transport Policy, Management and Technology towards 2001: Selected Proceedings of the 5th World Conference on Transport Research*, 367–380, Western Periodicals, Ventura.

Iovan, C., A.-M. Olteanu-Raimond, T. Couronne and Z. Smoreda (2013) Moving and Calling: Mobile Phone Data Quality Measurements and Spatiotemporal Uncertainty in Human Mobility Studies, in D. Vandenbroucke, B. Bucher and J. Cromptoets (eds.) *Geographic Information Science at the Heart of Europe*, 247–265, Springer, Cham.

Jain, K. and M. Mahdian (2007) Cost sharing, in N. Nisan, T. Roughgarden, É. Tardos and V. V. Vazirani (eds.) *Algorithmic Game Theory*, 385–410, Cambridge University Press, Cambridge.

Jones, P. M., F. S. Koppelman and J. P. Orfeuil (1990) Activity analysis: State-of-the-art and future directions, in P. M. Jones (ed.) *Developments in Dynamic and Activity-Based Approa-*

*ches to Travel Analysis*, 34–55, Avebury, Aldershot.

Jones, P. M. (1979) New approaches to understand travel behaviour: the human activity approach, in D. A. Hensher and P. R. Stopher (eds.) *Behavioural Travel Modelling*, 55–80, Croom Helm Ltd, Kent.

Kawakami, S. and T. Isobe (1989) Development of a travel-activity scheduling model considering time constraint and temporal transferability test of the model, in WCTRS (ed.) *Transport Policy, Management and Technology towards 2001: Selected Proceedings of the 5th World Conference on Transport Research*, 221–233, Western Periodicals, Ventura.

Kickhöfer, B., F. H. Hülsmann, R. Gerike and K. Nagel (2013) Rising car user costs: comparing aggregated and geo-spatial impacts on travel demand and air pollutant emissions, in T. Vannourtrive and A. Verhetsel (eds.) *Smart Transport Networks: Decision Making, Sustainability and Market structure*, NECTAR Series on Transportation and Communications Networks Research, 180–207, Edward Elgar Publishing Ltd, Cheltham.

Kitamura, R. (1988) An analysis of weekly activity patterns and travel expenditure, in R. G. Golledge and H. J. P. Timmermans (eds.) *Behavioural Modelling in Geography and Planning*, 399–423, Croom Helm, London.

Kitamura, R., A. Kikuchi and S. Fujii (2005) An overview of PCATS/DEBNetS micro-simulation system: Its development, extension, and application to demand forecasting, in R. Kitamura and M. Kuwahara (eds.) *Simulation Approaches in Transportation Analysis: Recent Advances and Challenges*, 371–399, Springer, New York.

Kitamura, R. and S. Fujii (1998) Two computational process models of activity-travel behavior, in T. Gärling, T. Laitila and K. Westin (eds.) *Theoretical Foundations of Travel Choice Modeling*, 251–279, Pergamon Press, Oxford.

Kitrinou, E., A. Polydoropoulou and D. Bolduc (2010) Development of integrated choice and latent variable models for the residential relocations decision in island areas, in S. Hess and A. J. Daly (eds.) *Choice Modelling: The State of the Art and the State of Practice - Proceedings from the Inaugural International Choice Modeling Conference*, chap. 27, 593–618, Emerald, Bingley.

Köhler, E., R. H. Möhring and H. Schilling (2005) Acceleration of shortest path and constrained shortest path computation, in S. Nikolettseas (ed.) *Experimental and Efficient Algorithms*, vol. 3503 of *Lecture Notes in Computer Science*, 126–138, Springer, Berlin.

König, R. and D. Müller (2011) Cellular-automata-based simulation of the settlement development in vienna, in A. Salcido (ed.) *Cellular Automata - Simplicity Behind Complexity*, 23–46, Intechopen, Rijeka.

Koll-Schretzenmayr, M. and C. Zöllig (2010) Innenentwicklung akteursbezogen, in M. Klemme and K. Selle (eds.) *Siedlungsflächen entwickeln*, 214–227, Verlag Dorothea Rohn, Detmold.

- Koch, R. and M. Skutella (2009) Nash equilibria and the price of anarchy for flows over time, in M. Mavronicolas and V. G. Papadopoulos (eds.) *Algorithmic Game Theory*, vol. 5814 of *Lecture Notes in Computer Science*, 323–334, Springer, Berlin.
- Koll-Schretzenmayr, M. and C. Zöllig (forthcoming) Innenentwicklung akteursbezogen, in M. Klemme and K. Selle (eds.) *Siedlungsflächen entwickeln*, Verlag Dorothea Rohn, Detmold.
- Kopp, J., R. Gerike and K. W. Axhausen (2013) Status Quo and Perspectives for CarSharing Systems: the Example of DriveNow, in R. Gerike, F. Hülsmann and K. Roller (eds.) *Strategies for Sustainable Mobilities – Opportunities and Challenges*, 207–226, Ashgate, Burlington.
- Kostyniuk, L. P. and R. Kitamura (1983) An empirical investigation of household time space paths, in S. M. Carpenter and P. M. Jones (eds.) *Recent Advances in Travel Demand Analysis*, 266–289, Gower, Aldershot.
- Kowald, M. and K. W. Axhausen (2012) Egos’ horizons and behind it: Snowball sampling of personal leisure networks, in M. Grieco and J. Urry (eds.) *Mobilities: New Perspectives on Transport and Society*, 109–134, Ashgate, Farnham.
- Kowald, M. and K. W. Axhausen (2015) Transport planning and social network analysis – An introduction, in M. Kowald and K. W. Axhausen (eds.) *Social Networks and Travel Behaviour*, 1–4, Ashgate, Burlington.
- Krier, L. (2007) Critiques and Urban Components, in M. Larice and E. MacDonald (eds.) *The Urban Design Reader*, 231–250, Routledge, London.
- Kruskal, J. B. (1983) An overview of sequence comparison, in D. Sankoff and J. B. Kruskal (eds.) *Time Warps, String Edits and Macromolecules: The Theory and Practice of Sequence Comparison*, 1–44, Addison-Wesley, London.
- Kuhnau, J. and K. G. Goulias (2002) Centre SIM: First-generation model design, pragmatic implementation, and scenarios, in K. G. Goulias (ed.) *Transportation Systems Planning: Methods and Applications*, 16–1–16–14, CRC Press, New York.
- Kunze, A., R. Burkhard, S. Gebhardt and B. Tuncer (2012) Visualisation and decision support tools in urban planning, in S. Müller Arizona, G. Aschwanden, J. Halatsch and P. Wonka (eds.) *Digital Urban Modeling and Simulation*, 279–298, Springer, Berlin.
- Kwan, M.-P. (1997) GISICAS: An activity-based travel decision support system using a GIS-interfaced computational-process model, in D. F. Ettema and H. J. P. Timmermans (eds.) *Activity-Based Approaches to Travel Analysis*, 263–282, Pergamon Press, Oxford.
- Lademann, R. (2007) Zum Einfluss von Verkaufsfläche und Standort auf die Einkaufswahrscheinlichkeit, in M. Schuckel and W. Toporowski (eds.) *Theoretische Fundierung und praktische Relevanz der Handelsforschung*, 143–162, Springer, Heidelberg.
- Lämmel, G. and G. Flötteröd (2009) Towards system optimum: Time-dependent networks

for large-scale evacuation problems, in B. Mertsching, M. Hund and Z. Aziz (eds.) *KI 2009: Advances in Artificial Intelligence - 32nd Annual German Conference on AI, Paderborn, Germany, September 15-18, 2009, Proceedings*, 532–539, Springer, Berlin.

Lämmel, G., M. Rieser, K. Nagel, H. Taubenböck, G. Strunz, N. Goseberg, T. Schlurmann, H. Klüpfel, N. Setiadi and J. Birkmann (2008) Emergency preparedness in the case of a tsunami-evacuation analysis and traffic optimization for the indonesian city of padang, in W. W. F. Klingsch, C. Rogsch, A. Schadschneider and M. Schreckenberg (eds.) *Pedestrian and Evacuation Dynamics 2008*, 171–182, Springer, Heidelberg.

Lämmel, G., M. Rieser and K. Nagel (2010) Large scale microscopic evacuation simulation, in W. W. F. Klingsch, C. Rogsch, A. Schadschneider and M. Schreckenberg (eds.) *Pedestrian and Evacuation Dynamics 2010*, 503–508, Springer, Heidelberg.

Langton, C. (1986) Studying artificial life with cellular automata, in D. Farmer, A. Lapedes, N. Packard and B. Wendorff (eds.) *Evolution, Games and Learning: Models for Adaptation in Machines and Nature, Proceedings of the Fifth Annual Conference of the Centre for Nonlinear Studies, Los Alamos*, 120–149, Elsevier.

Lauther, U. (2004) An extremely fast, exact algorithm for finding shortest paths in static networks with geographical background, in M. Raubal, A. Sliwinski and W. Kuhn (eds.) *Geoinformation und Mobilität - von der Forschung zur praktischen Anwendung*, vol. 22, 219–230, IfGI prints, Institut für Geoinformatik, Munster.

Lee, J. S. and T. J. Kim (2007) Spatio-temporal models for network economic loss analysis under unscheduled events: A conceptual design, in T. Murray and T. Grubestic (eds.) *Critical Infrastructure: Reliability and Vulnerability*, Springer, Berlin.

Lerman, S. R. (1985) Random utility models of spatial choice, in B. G. Hutchinson, P. Nijkamp and M. Batty (eds.) *Optimization and Discrete Choice in Urban Systems*, 200–217, Springer, Berlin.

Levinson, D., F. Xie and S. Zhu (2007) The co-evolution of land use and road networks, in M. G. H. Bell, B. G. Heydecker and R. E. Allsop (eds.) *Transportation and Traffic Theory*, 839–859, Elsevier, Amsterdam.

Littig, B. (2009) Interviews mit Eliten - Interviews mit Experten: Gibt es Unterschiede?, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 117–135, Verlag für Sozialwissenschaften, Wiesbaden.

Lotzmann, U. (2009) TRASS: A multi-purpose agent-based simulation framework for complex traffic simulation applications, in A. L. C. Bazzan and F. Klügl (eds.) *Multi-Agent Systems for Traffic and Transportation Engineering*, 79–107, Information Science Reference, Hershey.

Mahmassani, H. S., T. Hu and R. Jayakrishnan (1995) Dynamic traffic assignment and simulation for advanced network informatics (DYNASMART), in N. H. Gartner and G. Improta (eds.) *Urban traffic networks: dynamic flow modeling and control*, Springer, Berlin.

- Malpezzi, S. (2003) Hedonic pricing models: A selective and applied review, in T. O'Sullivan and K. Gibb (eds.) *Housing Economics and Public Policy*, Blackwell Science.
- March, L. (1972) Elementary models of built forms, in L. Markin and L. March (eds.) *Urban Space and Structures*, 55–96, Cambridge University Press, London.
- March, L. (1976) A boolean description of a class of built forms, in L. March (ed.) *The Architecture of Forms*, 41–73, Cambridge University Press, London.
- Marchal, F. and K. Nagel (2005) Computation of location choice of secondary activities in transportation models with cooperative agents, in F. Klügl, A. L. C. Bazzan and S. Ossowski (eds.) *Applications of Agent Technology in Traffic and Transportation*, 153–164, Birkhäuser, Basel.
- Martínez, F. and P. Donoso (2010) The MUSSA II Land Use Auction Equilibrium Model, in F. Pagliara, J. Preston and D. Simmonds (eds.) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, 99–113, Springer, Berlin.
- McFadden, D. (1978) Modeling the choice of residential location, in A. Karlqvist (ed.) *Spatial Interaction Theory and Residential Location*, 75–96, North-Holland, Amsterdam.
- McFadden, D. (1974) Conditional logit analysis of qualitative choice-behaviour, in P. Zarembka (ed.) *Frontiers in Econometrics*, 105–142, Academic Press, New York.
- McNally, M. G. (2000) The four step model, in D. A. Hensher and K. J. Button (eds.) *Handbook of Transport Modelling*, chap. 3, 35–52, Pergamon Press, Amsterdam.
- Menéndez, M. (2015) Speed versus capacity: Area speed limits and their potential effects on network capacity, in U. Huwer, R. Wimmer, R. Ott, S. Hinden, C. Camandona and A. Renard (eds.) *Optimale Geschwindigkeiten in Siedlungsgebieten*, 177–179, Books on Demand.
- Meuser, M. and U. Nagel (1991) Experteninterviews - vielfach erprobt, in D. Garz and K. Kraimer (eds.) *Qualitativ-empirische Sozialforschung: Konzepte, Methoden, Analysen*, 441–471, Westdeutscher Verlag, Opladen.
- Meuser, M. and U. Nagel (2009) Experteninterview und der Wandel der Wissensproduktion, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 35–60, Verlag für Sozialwissenschaften, Wiesbaden.
- Meyer-Nieberg, S. and H.-G. Beyer (2007) Self-adaptation in evolutionary algorithms, in F. Lobo, C. Lima and Z. Michalewicz (eds.) *Parameter Setting in Evolutionary Algorithms*, vol. 54 of *Studies in Computational Intelligence*, 47–75, Springer.
- Miller, E. J. (2005) An integrated framework for modelling short- and long-run household decision-making, in H. J. P. Timmermans (ed.) *Progress in Activity-Based Analysis*, 175–201, Elsevier, Oxford.
- Michael, M. M. and M. L. Scott (1996) Simple, fast, and practical non-blocking and blocking



concurrent queue algorithms, in J. E. Burns and M. Yoram (eds.) *Proceedings of the 15th ACM Symposium on Principles of Distributed Computing*, 267–275, Association for Computing Machinery, New York.

Miller, E. J. (2002) Microsimulation, in K. G. Goulias (ed.) *Transportation Systems Planning: Methods and Applications*, chap. 12, CRC Press, New York.

Möller, B. and J. Thøgersen (2006) Car use habits: An obstacle to the use of public transportation, in C. Jensen-Butler, B. Sloth, M. M. Larsen, B. Madsen and O. A. Nielsen (eds.) *Road Pricing, the Economy and the Environment*, Advances in Spatial Science, 301–313, Springer, Berlin.

Moré, J. J., K. E. Hillstrom and B. S. Garbow (1984) The minpack project, in W. J. Cowell (ed.) *Sources and Development of Mathematical Software*, 88–111, Prentice Hall, Upper Saddle River.

Morikawa, T. (1996) A hybrid probabilistic choice set model with compensatory and noncompensatory choice rules, in D. A. Hensher, J. King and T. Oum (eds.) *World Transport Research: Proceedings of the 7th World Conference on Transport Research*, vol. 1, 317–325, Pergamon Press, Oxford.

Morikawa, T., M. E. Ben-Akiva and D. McFadden (2002) Discrete choice models incorporating revealed preferences and psychometric data, in P. H. Franses and A. L. Montgomery (eds.) *Econometric Models in Marketing*, vol. 16 of *Advances in Econometrics*, 29–55, Elsevier, Oxford.

Müller, M., D. Charypar and M. Gross (2003) Particle-based fluid simulation for interactive applications, in D. Breen and M. C. Lin (eds.) *ACM SIGGRAPH / Eurographics Symposium on Computer Animation*, Association for Computing Machinery, San Diego.

Mulder, C. H. and P. Hooimeijer (1999) Residential relocations in the life course, in L. J. van Wissen and P. A. Dijkstra (eds.) *Population Issues: An Interdisciplinary Focus*, Springer, Berlin.

Nagel, K. and K. W. Axhausen (2016) Some history of MATSim, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 310–314, Ubiquity, London.

Nagel, K., K. W. Axhausen, B. Kickhöfer and A. Horni (2016) Research avenues, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 533–542, Ubiquity, London.

Nagel, K. and F. Marchal (2006) Computational methods for multi-agent simulations of travel behavior, in K. W. Axhausen (ed.) *Moving Through Nets: The Physical and Social Dimensions of Travel*, 131–188, Elsevier, Oxford.

Nagel, K. and G. Flötteröd (2012) Agent-based traffic assignment: Going from trips to beha-

vioural travelers, in R. M. Pendyala and C. R. Bhat (eds.) *Travel Behaviour Research in an Evolving World*, 261–294, International Association for Travel Behaviour Research.

Nagurney, A. (2001) Variational inequalities: Geometric interpretation, existence and uniqueness, in C. A. Floudas and P. M. Pardalos (eds.) *Encyclopedia of Optimization*, 2676–2679, Springer, New York.

Nagurney, A. (2001) Variational inequalities: Projected dynamical system PDS, in C. A. Floudas and P. M. Pardalos (eds.) *Encyclopedia of Optimization*, 4002–4007, Springer, New York.

Nash, C., B. Menaz and B. Matthews (2008) Inter-urban road goods vehicle pricing in europe, in H. W. Richardson and C.-H. C. Bae (eds.) *Road Congestion Pricing In Europe: Implications for the United States*, 233–251, Edward Elgar, Northampton.

Nielsen, O. A. (2004) A large scale stochastic multi-class schedule-based transit model with random coefficients, in N. H. M. Wilson and A. Nuzzolo (eds.) *Schedule-based Dynamic Transit Modeling: Theory and Applications*, 51–77, Kluwer, Dordrecht.

Niedringhaus, W. P., J. M. Opper, L. Rhodes and B. L. Hughes (1994) IVHS traffic modeling using parallel computing: Performance results, in H. J. Siegel (ed.) *Proceedings of the 8th International Symposium on Parallel Processing*, 688–693, IEEE Computer Society, Washington, D.C.

Nuzzolo, A. (2003) Transit path choice and assignment model approaches, in W. H. K. Lam and M. G. H. Bell (eds.) *Advanced Modeling for Transit Operations and Service Planning*, 93–124, Pergamon Press, Oxford.

Nuzzolo, A. and U. Crisalli (2004) The schedule-based approach in dynamic transit modeling: A general overview, in N. H. M. Wilson and A. Nuzzolo (eds.) *Schedule-based Dynamic Transit Modeling: Theory and Applications*, 1–24, Kluwer, Dordrecht.

Oleson, R., D. J. Kaup, T. L. Clark, L. C. Malone and L. Boloni (2009) Social potential models for traffic and transportation, in A. L. C. Bazzan and F. Klügl (eds.) *Multi-Agent Systems for Traffic and Transportation Engineering*, chap. VII, 155–175, Information Science Reference, Hershey.

Orme, B. (2010) Sample size issues for conjoint analysis, in *Getting Started with Conjoint analysis: Strategies for Product Design and Pricing Research*, 2. edn., chap. 7, 57–66, Research Publishers LLC, Madison.

Palmer, R. (1989) Broken ergodicity, in D. L. Stein (ed.) *Lectures in the Sciences of Complexity*, vol. 1 of *Santa Fe Institute Studies in the Sciences of Complexity*, 275–300, Addison-Wesley, Redwood City.

Parish, Y. I. H. and P. Müller (2001) Procedural modeling of cities, in E. Fiume (ed.) *Proceedings of ACM SIGGRAPH 2001*, 301–308, ACM Press, New York.

- Pas, E. I. (1990) Is travel demand analysis and modelling in the doldrums?, in P. M. Jones (ed.) *Developments in Dynamic and Activity-Based Approaches to Travel Analysis*, 3–33, Avebury, Aldershot.
- Pas, E. I. and A. S. Harvey (1997) Time use research and travel demand analysis modelling, in P. R. Stopher and M. E. H. Lee-Gosselin (eds.) *Understanding Travel Behaviour in an Era of Change*, chap. 13, 315–338, Pergamon Press, Oxford.
- Petty, M. D. (2010) Verification, validation, and accreditation, in J. A. Sokolowski and C. M. Banks (eds.) *Verification, Validation, and Accreditation, in Modeling and Simulation Fundamentals: Theoretical Underpinnings and Practical Domains*, chap. 10, 325–372, John Wiley & Sons, Hoboken.
- Pfadenhauer, M. (2009) Das Experteninterview - ein Gespräch zwischen Experte und Quasi-Experte, in A. Bogner, B. Littig and W. Menz (eds.) *Experteninterviews: Theorien, Methoden, Anwendungsfelder*, 99–116, Verlag für Sozialwissenschaften, Wiesbaden.
- Picou, J. S. and B. K. Marshall (2007) Katrina as paradigm shift: Reflections on disaster research in the twenty-first century, in D. L. Brunsma, D. Overfelt and J. S. Picou (eds.) *The sociology of Katrina. Perspectives on a Modern Catastrophe*, 1–20, Rowman & Littlefield, Plymouth.
- Pidd, M., F. N. de Silva and R. W. Eglese (1993) CEMPS: A configurable evacuation management and planning system - a progress report, in G. W. EvansG, M. Mollaghasemi, E. C. Russell and W. E. Biles (eds.) *WSC '93: Proceedings of the 25th Conference on Winter Simulation*, 1319–1323, Association for Computing Machinery, New York.
- Popovici, E., R. P. Wiegand and E. D. De Jong (2012) Coevolutionary principles, in G. Rozenberg, T. Bäck and J. N. Kok (eds.) *Handbook of Natural Computing*, 987–1033, Springer, Heidelberg.
- Preparata, F. P. (1977) The medial axis of a simple polygon, in J. Gruska (ed.) *Mathematical Foundations of Computer Science 1977*, vol. 53 of *Lecture Notes in Computer Science*, 443–450, Springer, Berlin.
- Primerano, F. and M. A. P. Taylor (2005) An accessibility framework for evaluating transport policies, in W. A. Davidson and K. J. Krizek (eds.) *Access to Destinations*, 325–346, Elsevier, Oxford.
- Raney, B. and K. Nagel (2006) An improved framework for large-scale multi-agent simulations of travel behavior, in P. Rietveld, B. Jourquin and K. Westin (eds.) *Towards Better Performing Transport Networks*, 305–347, Routledge, London.
- Rasmussen, C. E. and K. Nagel (2000) The infinite gaussian mixture model, in S. Solla, T. Leen and K. R. Müller (eds.) *Advances in Neural Information Processing Systems 12*, 554–560, MIT Press, Boston.

- Rathi, A. K. and R. S. Solanki (1993) Simulation of traffic flow during emergency evacuations: A microcomputer based modeling system, in G. W. Evans, M. Mollaghasemi, E. C. Russell and W. E. Biles (eds.) *WSC '93: Proceedings of the 25th Conference on Winter Simulation*, 1250–1258, Association for Computing Machinery, New York.
- Rieser-Schüssler, N. and K. W. Axhausen (2014) Self-tracing and reporting: state-of-the-art in the capture of revealed behaviour, in S. Hess and A. J. Daly (eds.) *Handbook of Choice Modelling*, 131–151, Edward Elgar, Cheltenham.
- Rieser-Schüssler, N., P. M. Bösch, A. Horni and M. Balmer (2016) Zürich, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 375–377, Ubiquity, London.
- Rieser, M., K. Nagel, U. Beuck, M. Balmer and J. Rümenapp (2006) Truly agent-oriented coupling of an activity-based demand generation with a multi-agent traffic simulation, in ISB (ed.) *Stadt Region Land*, vol. 81, 185–192, Institut für Stadtbauwesen RWTH Aachen, Aachen.
- Rossetti, R. J. F. and L. Liu (2005) Activity-based analysis of travel demand using cognitive agents, in H. J. P. Timmermans (ed.) *Progress in Activity-Based Analysis*, 139–160, Elsevier, Oxford.
- Sadek, A. W. (2007) Artificial intelligence applications in transportation, in A. W. Sadek (ed.) *Artificial Intelligence in Transportation: Information for Application*, no. E-C113 in Transportation Research Circular, 1–6, Transportation Research Board, Washington, D.C.
- Safe, M., J. Carballido, I. Ponzoni and N. Brignole (2004) On stopping criteria for genetic algorithms, in A. L. C. Bazzan and S. Labidi (eds.) *Advances in Artificial Intelligence - SBIA 2004*, vol. 3171 of *Lecture Notes in Computer Science*, 405–413, Springer, Berlin.
- Sammer, K. and R. Wüstenhagen (2006) Der Einfluss von Öko-Labeling auf das Konsumentenverhalten - ein Discrete Choice Experiment zum Kauf von Glühbirnen, in R. Pfriem, R. Antes, K. Fichter, M. Müller, N. Paech, S. A. Seuring and B. Siebenhüner (eds.) *Innovationen für eine nachhaltige Entwicklung*, 469–486, Deutscher Universitätsverlag, Wiesbaden.
- Sanders, P. and D. Schultes (2005) Highway hierarchies hasten exact shortest path queries, in G. S. Brodal and S. Leonardi (eds.) *Algorithms – ESA 2005*, vol. 3669 of *Lecture Notes in Computer Science / Theoretical Computer Science and General Issues*, 568–579, Springer, Berlin.
- Sanford Bernhardt, K. L. (2007) Agent-based modeling in transportation, in A. W. Sadek (ed.) *Artificial Intelligence in Transportation: Information for Application*, no. E-C113 in Transportation Research Circular, 72–80, Transportation Research Board, Washington, D.C.
- Schirmer, P. M., C. Zöllig Renner, K. Müller and K. W. Axhausen (2015) Land use and transport microsimulation in the canton of Zurich using UrbanSim, in R. Hurtubia, M. Bierlaire, P. A. Waddell and A. de Palma (eds.) *Integrated transport and land use modeling for sustainable cities*, 461–509, EPFL Press, Lausanne.

Schlich, R., B. Kluge, S. Lehmann and K. W. Axhausen (2002) Durchführung einer 12-wöchigen Langzeitbefragung, in ISB (ed.) *Stadt Region Land*, vol. 73, 141–154, Institut für Stadtbauwesen RWTH Aachen, Aachen.

Schneider, S. H., S. Semenov, A. Patwardhan, I. Burton, C. H. D. Magadza, M. Oppenheimer, A. B. Pittock, J. B. Smith, A. Suarez and F. Yamin (2007) Assessing key vulnerabilities and the risk from climate change, in M. L. Parry, O. F. Canziani, J. P. Palutikof, P. J. van der Linden and C. E. Hanson (eds.) *Fourth Assessment Report of the Intergovernmental Panel on Climate Change*, chap. 19, 779–810, Cambridge University Press, Cambridge.

Schönfelder, S. and K. W. Axhausen (2001) Modelling the rhythms of travel using survival analysis, in C. Kaspar, C. Lässer and T. Bieger (eds.) *Jahrbuch 2000/2001 Schweizerische Verkehrswirtschaft*, 137–162, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Schönfelder, S. and K. W. Axhausen (2004) On the variability of human activity spaces, in M. Koll-Schretzenmayr, M. Keiner and G. Nussbaumer (eds.) *The Real and Virtual Worlds of Spatial Planning*, 237–262, Springer, Heidelberg.

Schönfelder, S., K. W. Axhausen, N. Antille and M. Bierlaire (2002) Exploring the potentials of automatically collected GPS data for travel behaviour analysis - a Swedish data source, in J. Mölthen and A. Wytzisk (eds.) *GI-Technologien für Verkehr und Logistik - IfGI*, vol. 13, 155–179, IfGI prints, Institut für Geoinformatik, Munster.

Schummer, J. and R. V. Vohra (2007) Mechanism design without money, in N. Nisan, T. Roughgarden, É. Tardos and V. V. Vazirani (eds.) *Algorithmic Game Theory*, 243–266, Cambridge University Press, Cambridge.

Schwerdtfeger, T. (1984) DYNEMO: A model for the simulation of traffic flow in motorway networks, in J. Volmuller and R. Hamerslag (eds.) *Proceedings of the Ninth International Symposium on Transportation and Traffic Theory*, chap. 4, 65–87, VNU Science Press, Utrecht.

Serras, J., M. Bosredon, V. Zachariadis, C. Vargas-Ruiz, T. Dubernet and M. Batty (2016) London, in A. Horni, K. Nagel and K. W. Axhausen (eds.) *The Multi-Agent Transport Simulation MATSim*, 447–450, Ubiquity, London.

Slavin, H., A. Rabinowicz, J. Brandon, G. Flammia and R. Freimer (2009) Using Automatic Fare Collection Data, GIS, and dynamic schedule queries to improve transit data and transit assignment models, in N. H. M. Wilson and A. Nuzzolo (eds.) *Schedule-Based Modeling of Transportation Networks: Theory and Applications*, 101–118, Springer, New York.

Smith, R. D. (2000) Simulation, in A. Ralston, E. D. Reilly and D. Hemmendinger (eds.) *Encyclopedia of Computer Science*, 4. edn., Nature Publishing Group, London.

Smoreda, Z., A.-M. Olteanu-Raimond and T. Couronne (2013) Spatiotemporal Data from Mobile Phones for Personal Mobility Assessment, in J. Zmud, M. E. H. Lee-Gosselin, M. A. Munizaga and J. A. Carrasco (eds.) *Transport Survey Methods: Best Practice for Decision*

*Making*, chap. 41, 745–768, Emerald, Bingley.

Stiny, G. N. and J. Gips (1972) Shape grammars and the generative specification of painting and sculpture, in C. Freiman (ed.) *Information Processing 71*, chap. 6, 1460–1465, North-Holland, Amsterdam.

Stopher, P. R. (2009) Collecting and processing data from mobile technologies, in P. Bonnel, J. Zmud, M. E. H. Lee-Gosselin and J.-L. Madre (eds.) *Transport Survey Methods: Keeping Up with a Changing World*, chap. 21, 361–391, Emerald, Bingley.

Swiderski, D. (1983) A model for simulating spatially and temporally coordinated activity sequences on the basis of mental maps, in S. M. Carpenter and P. M. Jones (eds.) *Recent Advances in Travel Demand Analysis*, 313–334, Gower, Aldershot.

Taylor, M. A. P. and G. M. D’Este (2003) Network vulnerability: An approach to reliability analysis at the level of national strategic transport networks, in M. G. H. Bell and Y. Iida (eds.) *The Network Reliability of Transport*, 23–44, Pergamon Press, Oxford.

Tourangeau, R. (1999) Remembering What Happened: Memory Errors and Survey Reports, in A. A. Stone, C. A. Bachrach, J. B. Jobe, H. S. Kurtzman and V. S. Cain (eds.) *The Science of Self-report: Implications for Research and Practice*, chap. 3, 29–47, Psychology Press, East Sussex.

Timmermans, H. J. P. (2006) The saga of integrated land use and transport modelling: How many more dreams before we wake up?, in K. W. Axhausen (ed.) *Moving Through Nets: The Physical and Social Dimensions of Travel*, 219–248, Elsevier, Oxford.

Timmermans, H. J. P. (1984) Discrete choice models versus decompositional multiattribute preference models: A comparative analysis of model performance in the context of spatial shopping behaviour, in D. Pitfield (ed.) *Discrete Choice Models in Regional Science*, 88–101, Pion, London.

Timmermans, H. J. P. and P. van der Waerden (1992) Store performance, pedestrian movement, and parking facilities, in G. Heinritz (ed.) *The Attraction of Retail Locations: IGU-Symposium*, Verlag Michael Lassleben, Kallmünz.

van Vliet, D. (1977) An application of mathematical programming to network assignment, in P. W. Bonsall, Q. Dalvi and P. J. Hills (eds.) *Urban transportation planning: current themes and future prospects*, 147–158, Abacus Press, Kent.

Vause, M. (1997) A rule-based model of activity scheduling behavior, in D. F. Ettema and H. J. P. Timmermans (eds.) *Activity-Based Approaches to Travel Analysis*, 73–88, Pergamon Press, Oxford.

Viti, F. and C. M. J. Tampère (2010) Dynamic traffic assignment: Recent advances and new theories towards real time applications and realistic travel behaviour, in C. M. J. Tampère, F. Viti and L. Benner (eds.) *New Developments in Transport Planning: Advances in Dynamic*

*Traffic Assignment*, 1–25, Edward Elgar, Cheltenham.

Vitins, B. J. and K. W. Axhausen (forthcoming) Evaluation and reliability of shape grammars for urban planning and network design, in P. M. Pardalos (ed.) *Future City Architecture for Optimal Living*, Springer.

Vitins, B. J. and K. W. Axhausen (2015) Evaluation and reliability of shape grammars for urban planning and network design, in S. T. Rassia and P. M. Pardalos (eds.) *Future City Architecture for Optimal Living*, vol. 102, 161–181, Springer, New York.

Vrtic, M., P. Fröhlich and K. W. Axhausen (2003) Schweizerische Netzmodelle für Strassen- und Schienenverkehr, in T. Bieger, C. Lässer and R. Maggi (eds.) *Jahrbuch 2002/2003 Schweizerische Verkehrswirtschaft*, 119–140, Schweizerische Verkehrswissenschaftliche Gesellschaft (SVWG), St. Gallen.

Waddell, P. A., L. Wang and X. Liu (2008) UrbanSim: An evolving planning support system for evolving communities, in R. K. Brail and R. E. Klosterman (eds.) *Planning Support Systems for cities and regions*, 103–138, Lincoln Institute of Land Policy, Cambridge.

Waddell, P. A. (2010) Modeling Residential Location in UrbanSim, in F. Pagliara, J. Preston and D. Simmonds (eds.) *Residential Location Choice: Models and Applications*, Advances in Spatial Science, 165–180, Springer, Berlin.

Wagner, D. and T. Willhalm (2003) Geometric speed-up techniques for finding shortest paths in large sparse graphs, in G. di Battista and U. Zwick (eds.) *Algorithms – ESA 2003*, vol. 2832 of *Lecture Notes in Computer Science*, 776–787, Springer, Berlin.

Waraich, R. A., D. Charypar, M. Balmer and K. W. Axhausen (2015) Performance improvements for large-scale traffic simulation in matsim, in M. Helbich, J. J. Arsanjani and M. Leitner (eds.) *Computational Approaches for Urban Environments*, vol. 13 of *Geotechnologies and the Environment*, 211–233, Springer, Cham.

Waraich, R. A., G. Georges, M. D. Galus and K. W. Axhausen (2014) Adding electric vehicle modeling capability to an, agent-based transport simulation, in D. Janssens, A.-U.-H. Yasar and L. Knapen (eds.) *Data Science and Simulation in Transportation Research*, 282–318, IGI Global, Hershey.

Wegener, M. (2004) Overview of Land Use Transport Models, in D. A. Hensher, K. J. Button, K. Haynes and P. R. Stopher (eds.) *Handbook of Transport Geography and Spatial System*, 127–146, Elsevier, Oxford.

Weis, C. and K. W. Axhausen (2014) Comportement des ménages et choix du mode de transport, in OECD (ed.) *Vers des comportements plus environnementaux: Vue d'ensemble de l'enquête 2011*, 127–166, OECD Publishing, Paris.

Weis, C. and K. W. Axhausen (2013) Household behaviour and transport choices, in OECD (ed.) *Greening Household Behaviour: Overview from the 2011 Survey*, 113–147, OECD Pu-

blishing, Paris.

Weis, C., C. Dobler and K. W. Axhausen (2013) An Interactive Stated Adaptation Survey of Activity Scheduling Decisions, in J. Zmud, M. E. H. Lee-Gosselin, M. A. Munizaga and J. A. Carrasco (eds.) *Transport Survey Methods: Best Practice for Decision Making*, 569–590, Emerald, Bingley.

Wermuth, M. (2007) Personen-und Personenwirtschaftsverkehr, in O. Schöller, W. Canzler and A. Knie (eds.) *Handbuch Verkehrspolitik*, 323–347, Springer.

Wisner, B. (2009) Vulnerability, in R. Kitchin and N. Thrift (eds.) *International Encyclopedia of Human Geography*, 176–182, Elsevier, Oxford.

Wild, B. (1994) Using artificial intelligence in traffic engineering - perspectives and potential applications, in M. Bielli, G. Ambrosino and M. Boero (eds.) *Artificial Intelligence Applications to Traffic Engineering*, 29–42, VSP, Utrecht.

Willumsen, L. G. (2000) Travel networks, in D. A. Hensher and K. J. Button (eds.) *Handbook of Transport Modelling*, chap. 10, 165–180, Pergamon Press, Amsterdam.

Wilson, N. H. M., J. Zhao and A. Rahbee (2009) The potential impact of automated data collection systems on urban public transport planning, in N. H. M. Wilson and A. Nuzzolo (eds.) *Schedule-Based Modeling of Transportation Networks: Theory and Applications*, 75–99, Springer, New York.

Wolf, J. (2006) Applications of new technologies in travel surveys, in P. R. Stopher and C. C. Stecher (eds.) *Travel Survey Methods - Quality and Future Directions*, 531–544, Elsevier, Oxford.

Wolf, J., M. Löchl, M. Thompson and C. Arce (2003) Trip rate analysis in GPS-enhanced personal travel surveys, in P. R. Stopher and P. M. Jones (eds.) *Transport Survey Quality and Innovation*, 483–498, Pergamon Press, Oxford.

Young, W. and T. Y. Weng (2005) Data and parking simulation models, in R. Kitamura and M. Kuwahara (eds.) *Simulation Approaches in Transportation Analysis: Recent Advances and Challenges*, 235–267, Springer, New York.

Zaroliagis, C. D. (2002) Implementations and experimental studies of dynamic graph algorithms, in R. Fleischer and E. M. Moret, BernardSchmidt (eds.) *Experimental Algorithmics: From Algorithm Design to Robust and Efficient Software*, vol. 2547 of *Lecture Notes in Computer Science*, 229–278, Springer, Berlin.

Zhang, L. and D. Levinson (2007) The economics of transportation network growth, in P. C. Millan and V. Inglada (eds.) *Essays on Transportation Economics*, Springer, Heidelberg.

Zheng, Y. (2011) Location-based social networks: Users, in Y. Zheng and X. Zhou (eds.) *Computing with Spatial Trajectories*, Springer, New York.



Zöllig, C. and K. W. Axhausen (2012) Assessment of infrastructure investments using agent-based accessibility, in K. T. Geurs, K. J. Krizek and A. Reggiani (eds.) *Accessibility and Transport Planning*, 54–70, Edward Elgar Publishing, Cheltenham.

Zöllig Renner, C. and K. W. Axhausen (2015) A real estate development model with heterogeneous agents, in R. Hurtubia, M. Bierlaire, P. A. Waddell and A. de Palma (eds.) *Integrated transport and land use modeling for sustainable cities*, 181–200, EPFL Press, Lausanne.

Zöllig Renner, C., T. Nicolai and K. Nagel (2015) Agent-based land use transport interaction modeling: state of the art, in R. Hurtubia, M. Bierlaire, P. A. Waddell and A. de Palma (eds.) *Integrated transport and land use modeling for sustainable cities*, 17–39, EPFL Press, Lausanne.

INPROCEEDINGS-AUTHOR (0000) TITLE, paper presented at the *TITLE*, address, month 0000.

INPROCEEDINGS-AUTHOR (0001) A paper of a proceedings, paper presented at the *Proceedings of a Conference with all Information*, Dresden, March 0001.

INPROCEEDINGS-AUTHOR (0001) Another paper of a proceedings with its own url, paper presented at the *Proceedings of a Conference with all Information*, Dresden, March 0001.

Abedin, Z. U. and R. A. Waraich (2013) Modelling inductive charging of battery electric vehicles using an agent-based approach, paper presented at the *8th Conference on Sustainable Development of Energy, Water and Environment Systems*, Dubrovnik, September 2013.

Abou-Zeid, M., M. E. Ben-Akiva, M. Bierlaire, C. F. Choudhury and S. Hess (2011) Attitudes and value of time heterogeneity, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Abraham, J. E. and J. D. Hunt (2002) Spatial market representations: Concepts and application to integrated planning models, paper presented at the *49th Annual North American Meetings of the Regional Science Association International*, San Juan, November 2002.

Agarwal, M., T. H. Maze and R. Souleyrette (2005) Impacts of weather on urban freeway traffic flow characteristics and facility capacity, paper presented at the *2005 Mid-Continent Transportation Research Symposium*, Ames, August 2005.

Aguirre, H., A. Oyama and K. Tanaka (2013) Adaptive  $\epsilon$ -sampling and " $\epsilon$ -hood for evolutionary many-objective optimization, paper presented at the *7th International Conference on Evolutionary Multi-Criterion Optimization (EMO 2013)*, Sheffield, March 2013.

Akar, G. and K. J. Clifton (2009) The influence of individual perceptions and bicycle infrastructure on the decision to bike, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Akcelik, R. (2007) A review of gap-acceptance capacity models, paper presented at the *29th*

*Conference of Australian Institutes of Transport Research*, Adelaide, December 2007.

Ali, S. S. M., N. Joshi, B. George and L. Vanajakshi (2012) Application of random forest algorithm to classify vehicles detected by a multiple inductive loop system, paper presented at the *15th IEEE International Conference on Intelligent Transportation Systems (ITSC)*, Anchorage, September 2012.

Amdahl, G. M. (1967) Validity of the single processor approach to achieving large scale computing capabilities, paper presented at the *Spring Joint Computer Conference*, New York, April 1967.

Anderson, R. (2006) Development of Mid-Ohio regional planning commission tour-based model, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Antoniou, C., M. E. Ben-Akiva, M. Bierlaire and R. Mishalani (1997) Demand simulation for dynamic traffic assignment, paper presented at the *8th IFAC Symposium on Transportation Systems*, Chania, June 1997.

Arentze, T. A. and H. J. P. Timmermans (2007) Modelling dynamics of activity-travel behaviour, paper presented at the *12th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2007.

Arentze, T. A. and H. J. P. Timmermans (2006) A new theory of dynamic activity generation, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Arentze, T. A. and H. J. P. Timmermans (2006) Social networks, social interactions and activity - travel behavior: A framework for micro-simulation, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Arentze, T. A. and H. J. P. Timmermans (2004) Capturing the role of awareness and information search processes on choice set formation in models of activity-travel behavior, paper presented at the *83rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2004.

Arentze, T. A. and H. J. P. Timmermans (2008) Dynamic model for generating multiday, multi-person activity agendas: Approach and illustration, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Arentze, T. A., M. Kowald and K. W. Axhausen (2012) A method to model population-wide social networks for large scale activity-travel micro-simulation, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Arentze, T. A., H. J. P. Timmermans, D. Janssens and G. Wets (2006) Modeling short-term dynamics in activity-travel patterns: From Aurora to Feathers, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Arentze, T. A. (2014) Individuals' social preferences in joint-activity choice: The role of fairness and asymmetric evaluation of costs and rewards, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Armas, R., H. Aguirre and K. Tanaka (2014) Effects of mutation and crossover operators in the optimization of traffic signal parameters, paper presented at the *The Tenth International Conference on Simulated Evolution And Learning (SEAL 2014)*, Otago, December 2014.

Arnet, K., S. I. Guler and M. Menéndez (2015) Effects of Multimodal Operations on Urban Roadways, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Asensio, J. and A. Matas (2006) An empirical estimation of the value of travel time reliability for commuters in Barcelona, paper presented at the *European Transport Conference*, Strasbourg, September 2006.

Atasoy, B., A. Glerum and M. Bierlaire (2011) Mode choice with attitudinal latent class: A Swiss case-study, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Atasoy, B., A. Glerum, R. Hurtubia and M. Bierlaire (2010) Demand for public transport services: Integrating qualitative and quantitative methods, paper presented at the *10th Swiss Transport Research Conference*, Ascona, September 2010.

Auld, J., A. K. Mohammadian and K. Wies (2008) Population synthesis with control category optimization, paper presented at the *10th International Conference on Application of Advanced Technologies in Transportation*, Athens, Greece, May 2008.

Auld, J., A. K. Mohammadian and K. Wies (2008) Population synthesis with region-level control variable aggregation, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Auld, J. and A. K. Mohammadian (2010) An efficient methodology for generating synthetic populations with multiple control levels, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Auld, J., M. Z. Frignani, C. Williams and A. K. Mohammadian (2010) Results of the UTRACS internet-based prompted recall GPS travel survey: Empirical analysis of the activity planning process, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

Auld, J. and A. K. Mohammadian (2009) ADAPTS: Agent-based dynamic activity planning and travel scheduling model—a framework, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Avineri, E. (2009) The fuzzy meaning of reference-based perceptions in travel choice modeling, paper presented at the *88th Annual Meeting of the Transportation Research Board*,

Washington, D.C., January 2009.

Axhausen, K. W., I. Dimitropoulos and E. Dimitrakopolou (1995) Adapting to change: some evidence from a simple learning model, paper presented at the *23rd European Transport Forum*, Warwick.

Axhausen, K. W., A. König, G. Abay, J. J. Bates and M. Bierlaire (2004) Swiss value of travel time savings, paper presented at the *European Transport Conference*, Strasbourg, October 2004.

Axhausen, K. W., A. Frei and T. Ohnmacht (2006) Networks, biographies and travel: First empirical and methodological results, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Axhausen, K. W., C. Bratrich, C. Lippuner and A. L. Erath (2013) Future Cities – Network and Grammars, paper presented at the *ETH Sustainability Summer School*, Singapore, June 2013.

Axhausen, K. W., S. Schönfelder, J. Wolf, M. Oliveira and U. Samaga (2004) Eighty weeks of GPS traces: Approaches to enriching trip information, paper presented at the *83rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2004.

Axhausen, K. W., S. Hess, A. König, J. J. Bates and M. Bierlaire (2007) State-of-the-art estimates of swiss value of travel time savings, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Axhausen, K. W. and P. B. Goodwin (1991) Eurotopp: Towards a dynamic and activity-based modelling framework, paper presented at the *Advanced Telematics in Road Transport*, 1021–1039, Amsterdam.

Axhausen, K. W. and R. L. Smith (1984) Evaluation of heuristic transit network optimization algorithms, paper presented at the *63th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 1984.

Balac, M. and F. Ciari (2014) Retailers location choice based on shopping and land prices, paper presented at the *21st International Conference on Recent Advances in Retailing and Services Science*, Bucharest, July 2014.

Balac, M. and F. Ciari (2014) Modeling station-based carsharing in Switzerland, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Balac, M. and F. Ciari (2015) Enhancement of the carsharing fleet utilization, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Balac, M., F. Ciari, C. Genre-Grandpierre, F. Voituret, S. Gueye and P. Michelon (2014) Decoupling accessibility and automobile mobility in urban areas, paper presented at the *Transport Research Arena (TRA2014)*, Paris, April 2014.

Balac, M., F. Ciari and K. W. Axhausen (2015) Carsharing demand estimation: Case study of

zurich area, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Balac, M., F. Ciari and K. W. Axhausen (2016) Evaluating the influence of parking space on the quality of service and the demand for one-way carsharing: A zurich area case study, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Balac, M., F. Ciari and R. A. Waraich (2016) Modeling the impact of parking price policy on free-floating carsharing: Case study for Zurich, Switzerland, paper presented at the *14th World Conference on Transportation Research (WCTR 2016)*, Shanghai, July 2016.

Balakrishna, R., D. Morgan, Q. Yang and H. Slavin (2012) Comparison of simulation-based dynamic traffic assignment approaches for planning and operations management, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Balmer, M., N. Cetin, K. Nagel and B. Raney (2004) Towards truly agent-based traffic and mobility simulations, paper presented at the *3rd International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS)*, New York, July 2004.

Balmer, M., M. Rieser, K. Meister, D. Charypar, N. Lefebvre, K. Nagel and K. W. Axhausen (2008) MATSim-T: Architektur und Rechenzeiten, paper presented at the *Heureka '08*, Stuttgart, March 2008.

Balmer, M., D. Charypar, A. Horni, K. Meister, F. Ciari and K. W. Axhausen (2009) Effect analysis of changes in travel behavior: Real world case studies with a large-scale micro-simulation, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Balmer, M., B. Raney and K. Nagel (2004) Agent-based activities planning for an iterative traffic simulation of switzerland: Activity time allocation, paper presented at the *4th Swiss Transport Research Conference*, Ascona, March 2004.

Balmer, M., M. Bernard and K. W. Axhausen (2005) Matching geo-coded graphs, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Balmer, M., M. Rieser, A. Vogel, K. W. Axhausen and K. Nagel (2005) Generating day plans based on origin-destination matrices: A comparison study between VISUM and MATSIM based on Kanton Zurich data, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Balmer, M., A. Vogel and K. Nagel (2005) Shape morphing of intersections using curbside oriented driver simulation, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Balmer, M., K. W. Axhausen and K. Nagel (2006) A demand generation framework for large

scale micro simulations, paper presented at the *6th Swiss Transport Research Conference*, Ascona, March 2006.

Balmer, M., K. W. Axhausen and K. Nagel (2006) An agent-based demand-modeling framework for large scale micro-simulations, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Balmer, M., K. Meister, M. Rieser, K. Nagel and K. W. Axhausen (2008) Agent-based simulation of travel demand: Structure and computational performance of MATSim-T, paper presented at the *Innovations in Travel Modeling (ITM'08)*, Portland, June 2008.

Bamberg, S. and R. Farrokhihiav (2009) Breaking habitualised car use with a 'soft-policy' measure? Effects of a dialogue marketing campaign on new citizens' daily mobility, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

Barbeau, S. J., M. A. Labrador, N. L. Georggi, P. L. Winters and R. A. Perez (2009) TRAC-IT - A software architecture supporting simultaneous travel behavior data collection and real-time location-based services for GPS-enabled mobile phones, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Bar-Gera, H., K. Konduri, B. Sana, X. Ye and R. M. Pendyala (2009) Estimating survey weights with multiple constraints using entropy optimization methods, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Barrett, C. L., R. J. Beckman, M. Khan, V. S. A. Kumar, M. V. Marathe, P. E. Stretz, T. Dutta and T. Lewis (2009) Generation and analysis of large synthetic social contact networks, paper presented at the *Winter Simulation Conference*, Austin, December 2009.

Bates, J. J. (2003) Economic evaluation and transport modelling: theory and practice, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Batley, R. and N. Ibáñez (2009) Randomness in preferences, outcomes and tastes, an application to journey time risk, paper presented at the *1st International Choice Modelling Conference*, Leeds, April 2009.

Batt, P. J. (2009) Factors influencing the consumer's choice of retail store, paper presented at the *19th IAMA Annual World Forum and Symposium*, Budapest, June 2009.

Beck, M. J., M. Ojeda Cabral, I. Ehreke and S. Hess (2016) Valuing travel time savings: A case of short-term or long-term choices?, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Becken, S. (2005) An attempt to reduce travel distance by regionalising self-drive tourists' itineraries in New Zealand, paper presented at the *European Transport Conference*, Strasbourg, October 2005.

Becker, H. and F. Ciari (2015) Car-sharing in Switzerland - comparison of user groups, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Becker, H., F. Ciari, M. Brignoni and K. W. Axhausen (2015) Impacts of a new free-floating carsharing system traced with a smartphone app, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Becker, H., F. Ciari and K. W. Axhausen (2016) Comparing car-sharing schemes in Switzerland: User groups and usage patterns, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Becker, H., F. Ciari and K. W. Axhausen (2016) Comparing car-sharing schemes in Switzerland: User groups and usage patterns, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Beckx, C., L. Int Panis, D. Janssens and G. Wets (2009) Examining gender-linked vehicle emissions with a GPS-enabled data collection tool, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Beige, S. and K. W. Axhausen (2004) Ownership of mobility tools in Switzerland, paper presented at the *4th Swiss Transport Research Conference*, Ascona, March 2004.

Bekhor, S. (2007) Estimation of the cross-nested logit model for a large number of alternatives, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Bekhor, S., C. Dobler and K. W. Axhausen (2011) Integration of activity-based with agent-based models: an example from the Tel Aviv model and MATSim, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Bekhor, S., M. E. Ben-Akiva and M. S. Ramming (2002) Adaptation of logit kernel to route choice situation, paper presented at the *81st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2002.

Ben Abdesslem, F., A. Phillips and T. Henderson (2009) Less is more: Energy-efficient mobile sensing with senseless, paper presented at the *MobiHeld '09 the 1st ACM workshop on Networking, systems, and applications for mobile handhelds*, Barcelona, August 2009.

Ben-Akiva, M. E. and D. Bolduc (1996) Multinomial probit with a logit kernel and a general parametric specification of the covariance structure, paper presented at the *3rd Invitational Choice Symposium*.

Ben-Akiva, M. E., M. Bierlaire, H. Koutsopoulos and R. Mishalani (1998) DynaMIT: A simulation-based system for traffic prediction, paper presented at the *DACCORS Short Term Forecasting Workshop*.

Benes, B., M. Abdul Massih, P. Jarvis, D. G. Aliaga and C. A. Vanegas (2011) Urban eco-

system design, paper presented at the *I3D '11 Symposium on Interactive 3D Graphics and Games*, San Francisco, February 2011.

Berdica, K. (2007) Putting vulnerability analysis into practical use in the infrastructural planning process, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.

Bernard, M. and K. W. Axhausen (2007) A highway design concept based on probabilistic operational reliability, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Bernardin, V. L., F. S. Koppelman and D. Boyce (2009) Enhanced destination choice models incorporating agglomeration related to trip chaining while controlling for spatial competition, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Bierce, E. and D. L. Kurth (2014) The use of three surveys for long distance travel estimates in california, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Bierlaire, M. (2002) The Network GEV model, paper presented at the *2nd Swiss Transport Research Conference*, Ascona, March 2002.

Bierlaire, M. (2003) BIOGEME: A free package for the estimation of discrete choice models, paper presented at the *3rd Swiss Transport Research Conference*, Ascona, March 2003.

Bierlaire, M. and E. Frejinger (2005) Route Choice Models with Subpath Components, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Bierlaire, M., E. Frejinger and J. Stojanovic (2006) A latent route choice model in Switzerland, paper presented at the *European Transport Conference*, Strasbourg, September 2006.

Bierlaire, M., K. W. Axhausen and G. Abay (2001) The acceptance of modal innovation: The case of Swissmetro, paper presented at the *1st Swiss Transport Research Conference*, Ascona, March 2001.

Bierlaire, M., J. Newman and J. Chen (2009) A method of probabilistic map distribution of path likelihood, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Bierlaire, M., R. Hurtubia and G. Flötteröd (2009) A comparative analysis of implicit and explicit methods to model choice set generation, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Bierlaire, M. and M. Fetiartson (2009) Estimation of discrete choice models: Extending BIOGEME, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.



Birkeland, M. E. and J. Jordal-Jørgensen (2001) Energy efficiency of passenger cars, paper presented at the *European Transport Conference*, Cambridge.

Birdsall, J. and R. Hajdin (2008) Vulnerability assessment of individual infrastructure objects subjected to natural hazards, paper presented at the *10th International Bridge and Structure Management Conference*, Buffalo, October 2008.

Bliemer, M. C. J., P. H. L. Bovy and H. Li (2007) Some properties and implications of stochastically generated route choice sets, paper presented at the *6th Triennial Symposium on Transportation Analysis (TRISTAN)*, Phuket Island, June 2007.

Bodenmann, B. R., B. J. Vitins, I. Vecchi, A. Zeiler, J. K. Hackney and K. W. Axhausen (2013) FaLC: Implementation of a land-use transport interaction model for Switzerland, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Bodenmann, B. R., B. Sanchez, J. W. Bode, A. Zeiler, M. Kuljovský, P. Furtak, G. Sarlas and K. W. Axhausen (2014) Planning for the future: A land-use and transport interaction model for Switzerland, paper presented at the *54th Congress of the European Regional Science Association*, St. Petersburg, August 2014.

Bodenmann, B. R., B. Sanchez, J. W. Bode, A. Zeiler, M. Kuliowsky, P. Furtak and K. W. Axhausen (2014) FaLC Land-Use and Transport Interaction Model for Switzerland: first results, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Börjesson, M., E. Cherchi and M. Bierlaire (2013) Within-individual variation in preferences: Equity effects of congestion charges, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Bösch, P. M. and F. Ciari (2015) Agent-based Simulation of Autonomous Cars, paper presented at the *American Control Conference*, Chicago, July 2015.

Bösch, P. M. and F. Ciari (2014) Climate Change Influence on Swiss Transport, Tourism and Energy – A Stakeholders Perspective, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Bösch, P. M. and F. Ciari (2015) A Multi-Modal Network for MATSim, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Bösch, P. M., K. Müller and F. Ciari (2016) The IVT 2015 baseline scenario, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Bohte, W. and K. Maat (2008) Deriving and validating trip destinations and modes for multi-day GPS-based travel surveys: A large-scale application in the Netherlands, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Bonsall, P. W., I. A. Palmer and P. Balmforth (1998) Parkit - a simulated world for parking choice research, paper presented at the *8th World Conference on Transportation Research*,

Antwerp, July 1998.

Bothos, E., D. Apostolou and G. Mentzas (2012) Recommending eco-friendly route plans, paper presented at the *Workshop on Recommendation Technologies for Lifestyle Change*, Dublin, September 2012.

Bouman, P., M. Lovric, T. Li, E. 'van der Hurk, L. Kroon and P. Vervest (2012) Recognizing demand patterns from smart card data for agent-based micro-simulation of public transport, paper presented at the *11th International Joint Conference on Autonomous Agents and Multi-agent Systems (AAMAS)*, Valencia, June 2012.

Bovy, P. H. L., R. Uges and S. Hoogendoorn-Lanser (2003) Modeling route choice behavior in multimodal transport networks, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Bovy, P. H. L., S. Bekhor and C. G. Prato (2009) Route sampling correction for stochastic route choice set generation, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Bovy, P. H. L. and S. Fiorenzo-Catalano (2006) Stochastic route choice set generation: Behavioral and probabilistic foundations, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Boyce, D. and H. C. W. L. Williams (2003) Urban travel forecasting in the USA and UK, paper presented at the *43rd Congress of the European Regional Science Association*, Jyväskylä, August 2003.

Bowman, J. L. and M. E. Ben-Akiva (1996) Activity-based travel forecasting, paper presented at the *Activity-Based Travel Forecasting Conference*, New Orleans, June 1996.

Bowman, J. L. and M. E. Ben-Akiva (1996) Activity-based travel forecasting, paper presented at the *Activity-Based Travel Forecasting Conference*, New Orleans, June 1996.

Bowman, J. L., M. A. Bradley and J. Gibb (2006) The Sacramento activity-based travel demand model: Estimation and validation results, paper presented at the *European Transport Conference*, Strasbourg, September 2006.

Bowman, J. L., M. A. Bradley, Y. Shiftan, T. K. Lawton and M. E. Ben-Akiva (1998) Demonstration of an activity-based model system for portland, paper presented at the *8th World Conference on Transportation Research*, Antwerp, July 1998.

Bowman, J. L. and G. Rousseau (2006) Development of Mid-Ohio regional planning commission tour-based model, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Bradley, M. A. and J. L. Bowman (2006) Design features of activity-based microsimulation models for U.S. metropolitan planning organizations, paper presented at the *Innovations in*

*Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Bradley, M. A., M. Outwater and B. Gudzinis (2015) A National Level, Tour-Based Model System to Forecast Long Distance Passenger Travel in the U.S., paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Bricka, S. (2008) Non-response challenges in GPS-based surveys, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Bricka, S., J. Zmud, J. Wolf and J. Freedman (2009) Household travel surveys with GPS: An experiment, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Bricka, S., S. Sen, R. Paleti and C. R. Bhat (2011) An analysis of the factors influencing differences in survey-reported and GPS-recorded trips, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Brilon, W., N. Wu and L. Bonzio (1997) Unsignalized intersections in germany – a state of the art 1997, paper presented at the *3rd International Symposium on Intersections without Traffic Signals*, Portland, July 1997.

Brilon, W., J. Geistefeldt and M. Regler (2005) Reliability of freeway traffic flow: A stochastic concept of capacity, paper presented at the *16th International Symposium on Transportation and Traffic Theory (ISTTT)*, Maryland, July 2005.

Broach, J., J. P. Gliebe and J. Dill (2011) Bicycle route choice model developed using revealed preference GPS data, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Brunner, J. A. and U. Haefeli (2008) Moving towards sustainability? the consequences of residential relocation for mobility and the built environment, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Bürge, M. (2006) Residential location choice model of the Greater Zurich area, paper presented at the *6th Swiss Transport Research Conference*, Ascona, March 2006.

Byon, Y.-J., A. Shalaby and B. Abdulhai (2006) GISTT: GPS-GIS integrated system for travel time surveys, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Byon, Y.-J., B. Abdulhai and A. Shalaby (2007) Impact of sampling rate of GPS-enabled cell phones on mode detection and GIS map matching performance, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Caneparo, L., M. Collo, A. Montuori and S. Pensa (2007) Urban generator, paper presented at the *12th CAAD Futures Conference*, Sydney, July 2007.

Cao, J. and M. Menéndez (2012) Accuracy study of parking duration data from patrol survey,

paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Cao, J., V. Nikias and M. Menéndez (2013) On-street parking near intersections: effects on traffic, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Cao, J. and M. Menéndez (2014) Macroscopic modelling of parking dynamics in urban networks (Part I), paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Cao, J. and M. Menéndez (2015) Analysis on parking policies considering the effects of searching-for-parking on the general traffic performance, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Cao, J. and M. Menéndez (2015) Generalized effects of on-street parking maneuvers on the performance of nearby signalized intersections, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Carrasco, N. (2011) Quantifying public transport reliability in Zurich, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Carrasco, J. A. and K. M. N. Habib (2009) Understanding the social embeddedness of activity-travel participation: The case of frequency and duration of social activities, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Carrel, A., A. Vij and J. L. Walker (2011) Understanding multimodal behavior: Individual modality styles and their influence on travel behavior, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Carrier, E. (2007) Modeling the joint choice of an airline itinerary and fare product: Implications for airline pricing strategies, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Casas, J. and C. Arce (1999) Trip reporting in household travel diaries: A comparison to GPS-collected data, paper presented at the *78th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 1999.

Casati, D., K. Müller, P. J. Fourie, A. L. Erath and K. W. Axhausen (2015) Synthetic population generation by combining a hierarchical, simulation-based approach with reweighting by generalized raking, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Cascetta, E., F. Pagliara and K. W. Axhausen (2007) Dominance variables and intervening opportunities for choice set generation, paper presented at the *15th European Colloquium on Theoretical and Quantitative Geography*, Montreux, September 2007.

Cascetta, E., F. Pagliara and K. W. Axhausen (2007) The use of dominance variables in choice

set generation, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Cascetta, E. and A. Papola (2005) Dominance among alternatives in random utility models: A general framework and an application to destination choice, paper presented at the *European Transport Conference*, Strasbourg, October 2005.

Cetin, N., K. Nagel, B. Raney and A. Völlmy (2002) Large-scale multi-agent transportation simulations, paper presented at the *42th Congress of the European Regional Science Association*, Dortmund, August 2002.

Cetin, N., B. Raney, A. Völlmy, M. Vrtic and K. Nagel (2002) Towards a microscopic traffic simulation of all of switzerland, paper presented at the *International Conference of Computational Science*, Amsterdam, July 2002.

Cetin, N., A. Burri and K. Nagel (2003) A large-scale multi-agent traffic microsimulation based on queue model, paper presented at the *3rd Swiss Transport Research Conference*, Ascona, March 2003.

Cetin, N., K. Nagel and A. Burri (2003) A parallel queue model approach to traffic simulations, paper presented at the *82nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2003.

Chapleau, R., K. K. A. Chu and B. Allard (2011) Synthesizing AFC, APC, GPS and GIS data to generate performance and travel demand indicators for public transit, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Chakirov, A. (2015) Heterogeneous values of time in a multi-modal context: An activity and agent-based simulation approach, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Chakirov, A. and A. L. Erath (2011) Use of public transport smart card fare payment data for travel behaviour analysis in singapore, paper presented at the *16th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2011.

Chakirov, A. and A. L. Erath (2012) Activity identification and primary location modelling based on smart card payment data for public transport, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Chakirov, A. and A. L. Erath (2012) Overcoming challenges in road pricing design with an agent-based transport simulation, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Chakirov, A., A. L. Erath and K. W. Axhausen (2013) Effects of congestion pricing and public transport prioritization in a multimodal context: welfare analysis in an activity-based model, paper presented at the *Kuhmo NECTAR Conference on Transportation Economics*, Chicago, July 2013.

Charypar, D. and K. W. Axhausen (2013) A Framework for Parallel Agent-Based Simulation in Physical Space, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Charypar, D., F. Märki and K. W. Axhausen (2011) Integrating two simulation modules with a general parallelization framework, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Charypar, D., K. W. Axhausen and K. Nagel (2006) Implementing activity-based models: Accelerating the replanning process of agents using an evolution strategy, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Charypar, D., A. Horni and K. W. Axhausen (2009) Need-based activity planning in an agent-based environment, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Charypar, D., K. W. Axhausen and K. Nagel (2007) An event-driven queue-based traffic flow microsimulation, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Charypar, D., M. Balmer and K. W. Axhausen (2009) High-performance traffic flow microsimulation for large problems, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Charypar, D., A. Horni and K. W. Axhausen (2011) Pushing the limits: A concept of a parallel microsimulation framework, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Charypar, D., K. W. Axhausen and K. Nagel (2007) An event-driven parallel queue-based microsimulation for large scale traffic scenarios, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Charypar, D. and K. Nagel (2003) Generating complete all-day activity plans with genetic algorithms, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Chen, C., H. Gong, C. Lawson, E. Bialostozky and J. Muckell (2010) Evaluating the feasibility of a passive travel survey data collection in a complex urban environment: A case study in New York City, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Chen, J., J. Newman and M. Bierlaire (2009) Modeling route choice behavior from smartphone GPS data, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Cheng, G., C. G. Wilmot and E. J. Baker (2008) A destination choice model for hurricane

evacuation, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Cheng, Y.-C., Y. Chawathe, A. LaMarca and J. Krumm (2005) Accuracy characterization for metropolitan-scale Wi-Fi localization, paper presented at the *3rd International Conference on Mobile Systems, Applications, and Services*, New York, June 2005.

Cherchi, E., J. W. Polak and G. Hyman (2004) The impact of income, tastes and substitution effects on the assessment of user benefits using discrete choice models, paper presented at the *European Transport Conference*, Strasbourg, October 2004.

Chlond, B., J. Last, W. Manz and D. Zumkeller (2006) Long-Distance Travel in a Longitudinal Perspective: The INVERMO Approach in Germany, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Cho, G.-H., D. A. Rodriguez, K. J. Clifton and K. Evenson (2008) A comparison of GPS and travel diaries to characterize walking behavior, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Cho, G.-H., D. A. Rodriguez and K. Evenson (2010) Identifying walking trips using GPS data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Chorus, C. G., T. A. Arentze and H. J. P. Timmermans (2009) Compliance with advice: Models and numerical illustrations in the context of Bayesian utilitarian decision-making, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Chorus, C. G., T. A. Arentze and H. J. P. Timmermans (2009) Random Regret Minimization: New model properties, policy-implications and empirical comparisons with RUM-modeling, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Chorus, C. G., T. A. Arentze and H. J. P. Timmermans (2008) A comparison of regret-minimization and utility-maximization in the context of travel mode choices, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Chorus, C. G. and H. J. P. Timmermans (2009) Evaluating user benefits in the context of limited awareness, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Chorus, C. G. and H. J. P. Timmermans (2009) An empirical study into the influence of travel behavior on stated and revealed mental maps, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Choudhury, C. F., S. S. Rajiwade, S. R. Rapolu, M. E. Ben-Akiva and A. Emmonds (2011)

Evaluating the impact of interventions on network capacity, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Chromy, J. R. (2009) Some generalizations of the Horvitz-Thompson estimator, paper presented at the *Joint Statistical Meetings*, Washington, D.C., August 2009.

Chu, C. (1989) A paired combinatorial logit model for travel demand analysis, paper presented at the *5th World Conference on Transportation Research*, Yokohama, June 1989.

Chu, Y.-L. (2009) Work departure time analysis using dogit ordered generalized extreme value model, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Chung, E.-H. and A. Shalaby (2004) A trip bases reconstruction tool for GPS-based personal travel surveys, paper presented at the *83rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2004.

Ciari, F. (2009) Modeling collective taxis in a multi-agent traffic simulation framework, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Ciari, F. (2012) Why do people carpool: Results from a Swiss survey, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Ciari, F. and K. W. Axhausen (2012) Choosing carpooling or car sharing as a mode: Swiss stated choice experiments, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Ciari, F. and K. W. Axhausen (2012) Modeling location decisions of retailers with an agent-based approach, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Ciari, F. and K. W. Axhausen (2015) Insights on the Swiss way to “Peak Car”, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Ciari, F., C. Dobler and K. W. Axhausen (2012) Modeling one-way shared vehicle symstems: An agent-based approach, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Ciari, F., M. Löchl and K. W. Axhausen (2008) Location decisions of retailers: An agent-based approach, paper presented at the *International Conference on Recent Advances in Retailing and Services Science*, Zagreb, July 2008.

Ciari, F., M. Balmer and K. W. Axhausen (2007) Mobility tool ownership and mode choice decision processes in multi-agent transportation simulation, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Ciari, F., M. Balmer and K. W. Axhausen (2008) A new mode choice model for a multi-agent



transport simulation, paper presented at the *8th Swiss Transport Research Conference*, Ascona, October 2008.

Ciari, F., A. Marmolejo, A. Stahel and K. W. Axhausen (2013) Mobility patterns in Switzerland: past, present and future, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Ciari, F., H. Becker and K. W. Axhausen (2015) Sharing is saving: How collaborative mobility can reduce the impact of energy consumption for transportation, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Ciari, F., M. Balmer and K. W. Axhausen (2009) Concepts for large-scale carsharing system: Modeling and evaluation with agent-based approach, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Ciari, F., B. Bock and M. Balmer (2014) Modeling station-based and free-floating carsharing demand: a test case study for Berlin, Germany, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Ciari, F., M. Balac and K. W. Axhausen (2016) Modeling carsharing with the agent-based simulation MATSim: state of the art, applications and future developments, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Cici, B., A. Markopoulou, E. Frías-Martínez and N. Laoutaris (2014) Assessing the potential of ride-sharing using mobile and social data: a tale of four cities, paper presented at the *International Joint Conference on Pervasive and Ubiquitous Computing*, Seattle, September 2014.

Cirillo, C. and K. W. Axhausen (2006) Dynamic model of activity type choice and scheduling, paper presented at the *European Transport Conference*, Strasbourg, September 2006.

Cirillo, C., E. Cornéilis, L. Legrain and P. L. Toint (2003) Combining spatial and temporal dimensions in destination choice models, paper presented at the *European Transport Conference*, Strasbourg, October 2003.

Clark, A. F. and S. T. Doherty (2008) Use of GPS to automatically track activity rescheduling decisions, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Cook, A. J., P. Jones, J. J. Bates, J. Polak and M. Haigh (1999) Improved methods of representing travel time reliability in sp-experiments, paper presented at the *European Transport Conference*, Cambridge.

Copley, G., P. Murphy and D. Pearce (2002) Understanding and valuing journey time variability, paper presented at the *European Transport Conference*, Cambridge, September 2002.

Copperman, R. B. and C. R. Bhat (2009) An empirical analysis of children's after school out-of-home activity-location engagement patterns and time allocation, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Cools, M., B. Kochan, T. Bellemans, D. Janssens and G. Wets (2011) Assessment of the effect of micro-simulation error on key travel indices: Evidence from the activity-based model FEATHERS, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Cortés, C. E., J. Gibson, A. Gschwender, M. A. Munizaga and M. Zúñiga (2010) Bus commercial speed diagnosis based on GPS monitored data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Cuéllar, L., D. Kubicek, N. Hengartner and A. Hansson (2009) Emergency relocation: Population response model to disasters, paper presented at the *IEEE International Conference on Technology for Homeland Security*, Boston, May 2009.

Dalton, R. and S. Bafna (2003) The syntactical image of the city: a reciprocal definition of spatial elements and spatial syntaxes, paper presented at the *4th International Space Syntax Symposium*, London, June 2003.

Dalumpines, R. and D. M. Scott (2011) GIS-based map matching: Development and demonstration of postprocessing map-matching algorithm for transportation research, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Daly, A. J., F. Tsang and C. Rohr (2011) The value of small time savings for non-business travel, paper presented at the *European Transport Conference*, Glasgow, October 2011.

Daly, E. M. and M. Haahr (2007) Social network analysis for routing in disconnected delay-tolerant manets, paper presented at the *MobiHoc '07 the 8th ACM International Symposium on Mobile Ad Hoc Networking and Computing*, Montreal, September 2007.

Davidson, B., P. Vovsha and J. Freedman (2011) New advancements in activity-based models, paper presented at the *Australasian Transport Research Forum 2011*, Adelaide, September 2011.

de Jong, G., E. Kroes, R. Plasmeijer, P. Sanders and P. Warffemuis (2004) The value of reliability, paper presented at the *European Transport Conference*, Strasbourg, October 2004.

de la Barra, T., B. Pérez and J. Añez (1993) Multidimensional path search and assignment, paper presented at the *21st Planning and Transport, Research and Computation (PTRC) Summer Meeting*, Manchester, September 1993.

De Lapparent, M., A. Frei and K. W. Axhausen (2009) Choice of mode for long distance travel: Current SP-based models from three European countries, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

- Deng, Z. and M. Ji (2010) Deriving rules for trip purpose identification from GPS travel survey data and land use data: A machine learning approach, paper presented at the *7th International Conference on Traffic and Transportation Studies*, Kunming, August 2010.
- de Palma, A., F. Dunkerley and S. Proost (2005) Trip chaining: Who wins, who loses?, paper presented at the *45th Congress of the European Regional Science Association*, Amsterdam, August 2005.
- Delling, D., M. Holzer, K. Müller, F. Schulz and D. Wagner (2006) High-performance multi-level routing, paper presented at the *Ninth DIMACS implementation challenge: The shortest path problem*, Piscataway, November 2006.
- Devillaine, F., M. A. Munizaga and M. Trépanier (2012) Detection of public transport user activities through the analysis of smartcard data, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.
- Dewals, B. J., A. Mustafa and M. Bruwier (2015) Landuse change and future flood risk: an integrated and multi-scale approach, paper presented at the *36th IAHR World Congress*, Delft, June 2015.
- Dieussaert, K., K. Aerts, T. Steenberghen, S. Maerivoet and K. Spitaels (2009) SUSTAPARK: an agent-based model for simulating parking search, paper presented at the *AGILE International Conference on Geographic Information Science*, Hannover.
- Ding, D., K. W. Axhausen and B. Shuai (2016) A speed limit scheme to enhance carpooling in the presence of HOV lanes in degradable networks, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.
- Dixit, V. V., V. V. Gayah and S. I. Guler (2012) Relationship between mean and variance of travel time in networks, paper presented at the *1st European Symposium on Quantitative Methods in Transportation Systems*, Lausanne, September 2012.
- Dobler, C., M. Balmer and K. W. Axhausen (2009) Simulation of information oriented knowledge models, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.
- Dobler, C. (2010) Implementation of a time step based parallel queue simulation in matsim, paper presented at the *10th Swiss Transport Research Conference*, Ascona, September 2010.
- Dobler, C., M. Kowald, N. Schüssler and K. W. Axhausen (2012) Within-day replanning of exceptional events, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.
- Dobler, C., S. Weinmann and K. W. Axhausen (2012) Transport simulations: Knowledge levels and system outcomes, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Dobler, C. and G. Lämmel (2012) A framework for large-scale multi-modal microscopic evacuation simulations, paper presented at the *2nd International Conference on Evacuation Modeling and Management*, Chicago, August 2012.

Dobler, C. and G. Lämmel (2012) A framework for large-scale multi-modal microscopic evacuation simulations, paper presented at the *2nd International Conference on Evacuation Modeling and Management*, Chicago, August 2012.

Dobler, C. and G. Lämmel (2012) Integration of a multi-modal simulation module into a framework for large-scale transport systems simulation, paper presented at the *6th International Conference on Pedestrian and Evacuation Dynamics*, Zurich, June 2012.

Dobritz, R. (2011) Assessing the resilience of transportation systems in case of large-scale disastrous events, paper presented at the *8th International Conference on Environmental Engineering*, Vilnius, May 2011.

Doherty, S. T. (2005) How far in advance are activities planned? Measurement challenges and analysis, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Doherty, S. T. and K. W. Axhausen (1998) The development of a unified modeling framework for the household activity-travel scheduling process, paper presented at the *4th NECTAR Conference*, Tel Aviv, April 1998.

Doherty, S. T., D. Papinski and M. E. H. Lee-Gosselin (2006) An internet-based prompted recall diary with automated GPS activity-trip detection: System design, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

dos Santos, M. I. R. and A. M. O. Porta Nova (1999) The main issues in nonlinear simulation metamodel estimation, paper presented at the *Winter Simulation Conference*, Phoenix, December 1999.

Dubernnet, T. and K. W. Axhausen (2012) Including joint trips in a multi-agent transport simulation, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Dubernnet, T. and K. W. Axhausen (2012) Including joint trips in a multi-agent transport simulation, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Dubernnet, T. and K. W. Axhausen (2013) A Framework to Represent Joint Decisions in a Multi-Agent Transport Simulation, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Dubernnet, T. and K. W. Axhausen (2014) Solution Concepts for the Simulation of Household-Level Joint Decision Making in Multi-Agent Travel Simulation Tools, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Dubernet, T. and K. W. Axhausen (2015) Simulating the influence of social contacts spatial distribution on mobility behavior, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Dubernet, T. and K. W. Axhausen (2015) A Generalization of the MATSim simulation process to Simulate the influence of Social Contacts Spatial Distribution on Mobility Behavior, paper presented at the *International Workshop "Behavioural detail and computational demands in agent-based models"*, Singapore, March 2015.

Dubernet, T., N. Rieser-Schüssler and K. W. Axhausen (2013) Using a multi-agent simulation tool to estimate the car-pooling potential, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Dubernet, T. and K. W. Axhausen (2016) Using a joint destination-mode choice model for developing accessibility measures, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Dubernet, I. and K. W. Axhausen (2016) The choice of workplace and residential location in Germany, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Dugundji, E. R. and J. L. Walker (2005) Discrete choice with social and spatial network interdependencies: An empirical example using mixed GEV models with field and “panel” effects, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Durand-Rauchet, Y., J. Orselli and M. Frybourg (1996) The user’s behavior faced with “SIRI-US” travel times: Surveys and socio-economic evidences in the paris region, paper presented at the *3rd World Congress on Intelligent Transport Systems*, Orlando, October 1996.

Dutra de Aguiar, A. P., G. Câmara, A. M. Vieira Monteiro and R. C. Modesto de Souza (2003) Modelling spatial relations by generalized proximity matrices, paper presented at the *V Simpósio Brasileiro de Geoinformática*, Campos do Jordão, November 2003.

Efthymiou, D., C. Antoniou and P. A. Waddell (2012) Which factors affect the willingness to join vehicle sharing systems? evidence from young Greek drivers, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Ehreke, I., R. Crastes dit Sourd, M. J. Beck, S. Hess, K. W. Axhausen, C. Holz-Rau and J. Scheiner (2016) A dynamic approach to long term mobility decisions in the life course, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Ehreke, I. and K. W. Axhausen (2015) Using a piecewise Cox PH model to analyse changes in employment biographies, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Ehreke, I., S. Hess and K. W. Axhausen (2014) Experiences from the German value of time (VOT) and value of reliability (VOR) study, paper presented at the *10th International Conference on Transport Survey Methods*, Leura, November 2014.

Ehreke, I., S. Hess, C. Weis and K. W. Axhausen (2015) Reliability in the German Value-of-Time Study, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Ehreke, I. and C. Weis (2013) Determine VTTS for the German Federal Transport Infrastructure Planning – Methods and Experiences, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

El Esawey, M., C. Lim and T. Sayed (2010) Comparison of augmented and non-augmented GPS receivers for transportation applications: Field survey and analysis, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

ElMahrsi, M. K., E. Come, J. Baro and L. Oukhellou (2014) Understanding passenger patterns in public transport through smart card and socioeconomic data, paper presented at the *ACM SIGKDD International Workshop on Urban Computing*, New York, August 2014.

Eliasson, J. (2004) Car drivers valuations of travel time variability, unexpected delays and queue driving, paper presented at the *European Transport Conference*, Strasbourg, October 2004.

Eluru, N., A. R. Pinjari, R. M. Pendyala and C. R. Bhat (2010) A unified model system of activity type choice, activity duration, activity timing, mode choice, and location choice, paper presented at the *3rd Conference on Innovations in Travel Modeling (ITM2010)*, Tempe, May 2010.

Eluru, N., V. Chakour and A. El-Geneidy (2012) Travel mode choice and transit route choice behavior in Montreal: Insights from McGill University members commute patterns, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Erath, A. L. (2015) Modelling for walkability: understanding pedestrians' preferences in Singapore, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Erath, A. L. and K. W. Axhausen (2008) New practices in vulnerability assessment, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2008.

Erath, A. L. (2010) Joint failure vulnerability of transportation infrastructure, paper presented at the *European Transport Conference*, Glasgow, October 2010.

Erath, A. L. and K. W. Axhausen (2008) A framework of assessing vulnerability of transport infrastructure, paper presented at the *8th Swiss Transport Research Conference*, Ascona, October 2008.

Erath, A. L. and K. W. Axhausen (2009) Mobility costs and residence location choice, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Erath, A. L., J. Birdsall, K. W. Axhausen and R. Hajdin (2009) Vulnerability assessment of the Swiss road network, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Erath, A. L. and K. W. Axhausen (2010) A new approach to evaluate long term user reactions to changes in transport costs, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Erath, A. L. and K. W. Axhausen (2010) Assessing network vulnerability using the CBA and Logsum measure, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

Erath, A. L., N. Frank, R. Lademann and K. W. Axhausen (2007) The impact of travel time savings on shopping location choice or how far do people go to shop cheaply?, paper presented at the *14th EIRASS Conference in Advances in Activity Based Approaches*, San Francisco, June 2007.

Erath, A. L., M. A. B. van Eggermond, P. J. Fourie and A. Chakirov (2013) Decision support tool for large scale, agent-based transport demand model, paper presented at the *10th International Conference of Eastern Asia Society for Transportation Studies*, Taipei, September 2013.

Erath, A. L., P. J. Fourie, M. A. B. van Eggermond, S. A. Ordóñez Medina, A. Chakirov and K. W. Axhausen (2012) Large-scale agent-based transport travel demand model for Singapore, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Erath, A. L., M. A. B. van Eggermond and K. W. Axhausen (2014) Evaluating novel and traditional survey methods for the construction of a behavioral founded walkability index, paper presented at the *10th International Conference on Transport Survey Methods*, Leura, November 2014.

Erath, A. L. (2012) A statistical approach of modeling road network vulnerability, paper presented at the *5th International Symposium on Transportation Network Reliability*, Hong Kong, December 2012.

Erath, A. L., P. J. Fourie, A. Chakirov and M. A. B. van Eggermond (2013) Applications of large-scale, agent-based transport demand simulation for public transport analysis using MATSim: the case of Singapore, paper presented at the *LTA-UITP Singapore International Transport Congress and Exhibition (SITCE) 2013*, Singapore, October 2013.

Erath, A. L. (2006) Value of travel time savings for shopping trips in Switzerland, paper presented at the *6th Swiss Transport Research Conference*, Ascona, March 2006.

Erath, A. L. (2007) Graph-theoretical analysis of the Swiss road and railway networks over time, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Erath, A. L., M. A. B. van Eggermond, P. J. Fourie and A. Chakirov (2013) Decision support tools in transport planning: from research to practice, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Ester, M., H. Kriegel, J. Sander and X. Xu (1996) Towards an applied activity-based travel demand model, paper presented at the *2nd ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '96)*, Portland, August 1996.

Ettema, D. F., A. J. Daly, G. de Jong and E. Kroes (1997) A density-based algorithm for discovering clusters in large spatial databases with noise, paper presented at the *8th International Conference on Travel Behaviour Research (IATBR)*, Austin, September 1997.

Eom, J. K., C. C. Choi and M. Lee (2012) Evaluation of metro service quality using transit smart card data, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Fan, Y., Q. Chen, C.-F. Liao and F. Douma (2013) UbiActive: A smartphone-based tool for trip detection and travel-related physical activity assessment, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Fargier, P.-H. (1983) Effects of the choice of departure time on road traffic congestion: theoretical approach, paper presented at the *Eighth International Symposium on Transportation and Traffic Theory*, 223–263, Toronto.

Feil, M., M. Balmer and K. W. Axhausen (2009) Generating comprehensive all-day schedules: Expanding activity-based travel demand modelling, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

Feil, M., M. Balmer and K. W. Axhausen (2009) Enhancement and estimation of MATSim's utility function, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Feil, M., M. Balmer and K. W. Axhausen (2010) New approaches to generating comprehensive all-day activity-travel schedules, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Flamm, M. and V. Kaufmann (2007) Combining person based GPS tracking and prompted recall interviews for a comprehensive investigation of travel behaviour adaptation processes during life course transitions, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Flötteröd, G. and K. Nagel (2006) Modeling and estimation of combined route and activity location choice, paper presented at the *Intelligent Transportation Systems Conference (ITSC)*,



Toronto, September 2006.

Fosgerau, M. and T. L. Jensen (2003) Economic appraisal methodology controversial issues and danish choices, paper presented at the *European Transport Conference*, Strasbourg, October 2003.

Fourie, P. J. (2010) Agent-based transport simulation versus equilibrium assignment for private vehicle traffic in Gauteng, paper presented at the *29th Annual Southern African Transport Conference*, Pretoria, July 2010.

Fourie, P. J., J. Illenberger and K. Nagel (2013) A multi-model approach to large-scale multi-agent transport simulation, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Fourie, P. J., J. Illenberger and K. Nagel (2013) Using mental simulation to improve the agent learning rate of large-scale multiagent transport simulations, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Fourie, P. J. and J. W. Joubert (2009) The first agent steps in agent-based transport planning, paper presented at the *28th Annual Southern African Transport Conference*, Pretoria, July 2009.

Fourie, P. J. and K. Müller (2011) Multi-level weighting of travel survey results, paper presented at the *16th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2011.

Fourie, P. J. (2012) Towards a comprehensive agent-based simulation framework incorporating joint activity-scheduling and ride-sharing within households, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Frei, A., T. Kuhnimhof and K. W. Axhausen (2010) Long-distance travel in europe today: Experiences with a new survey, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Frejinger, E. (2007) Random sampling of alternatives in a route choice context, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2007.

Frejinger, E. and M. Bierlaire (2007) Random sampling of alternatives for route choice modeling, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Frick, M. and K. W. Axhausen (2004) Generating synthetic populations using IPF and Monte Carlo techniques: Some new results, paper presented at the *4th Swiss Transport Research Conference*, Ascona, March 2004.

Frignani, M. Z., J. Auld, A. K. Mohammadian, C. Williams and P. Nelson (2010) Urban travel route and activity choice surveys (UTRACS): An internet-based prompted recall activity travel

survey using GPS data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Friedrich, M., I. Hofsäss, K. Nökel and P. Vortisch (2000) A dynamic traffic assignment method for planning and telematic applications, paper presented at the *European Transport Conference*, Cambridge.

Friedrich, M., P. Jehlicka and J. Schlaich (2008) Automatic number plate recognition for the observance of travel behavior, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Friedrich, M., K. Immisch, P. Jehlicka, T. Otterstätter and J. Schlaich (2010) Generating OD matrices from mobile phone trajectories, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Fu, M., J. Li and Z. Deng (2004) A practical route planning algorithm for vehicle navigation system, paper presented at the *5th World Congress on Intelligent Control and Automation (WCICA)*, Hangzhou, June 2004.

Fuhrer, R. (2015) Modelling historical accessibility with international transport data, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Fuhrer, R. and K. W. Axhausen (2015) New Historical Data: The Reconstruction of 1950's Global Road Network Using American Army Maps, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Fuhrer, R., V. Killer, P. Hunziker and K. W. Axhausen (2013) Modelling Variation in Transport Infrastructure, Travel Time and Accessibility over Time and Space, paper presented at the *11th Annual T2M Conference "Transport and Borders"*, Kouvola and St. Petersburg, September 2013.

Gärling, T., K. Brännäs, J. Garvill, R. G. Golledge, S. Gopal, E. Holm and E. Lindberg (1989) Household activity scheduling, paper presented at the *Transport Policy, Management & Technology Towards 2001*, vol. IV, 231–248, Ventura.

Galdames, C., A. Tudela and J. A. Carrasco (2011) Exploring the role of psychological factors on mode choice models using a latent variables approach, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Galus, M. D., R. A. Waraich, M. Balmer, G. Andersson and K. W. Axhausen (2009) A framework for investigating the impact of PHEVs, paper presented at the *International Advanced Mobility Forum 2009*, Geneva, March 2009.

Galus, M. D. and G. Andersson (2011) Balancing renewable energy source with vehicle to grid services from a large fleet of plug-in hybrid electric vehicles controlled in a metropolitan area distribution network, paper presented at the *Cigré 2011 Bologna Symposium*, Bologna, September 2011.

Gao, W., M. Balmer and E. J. Miller (2010) Comparisons between MATSim and EMME/2 on the Greater Toronto and Hamilton Area network, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Geddes, N. M. B. (1939) To new horizons, paper presented at the *World's Fair*, New York, April 1939.

Geisberger, R., P. Sanders, D. Schultes and D. Delling (2008) Contraction hierarchies: Faster and simpler hierarchical, routing in road networks, paper presented at the *Experimental Algorithms: 7th International Workshop, WEA 2008*, vol. 5038 of *Lecture Notes in Computer Science*, 319–333.

Geistefeldt, J. (2005) Schätzung von Reisezeiten auf Autobahnen unter Verwendung eines erweiterten Verkehrsflussmodells Estimation of Travel Times on Freeways based on an Enhanced Traffic Flow Model, paper presented at the *HEUREKA '05*, Cologne.

Genre-Grandpierre, C. and F. Ciari (2012) De nouvelles métriques pour les réseaux viaires pour une auto-organisation de la ville allant dans le sens de la durabilité; vers la ville lente mais accessible, paper presented at the *Journées APERAU, Penser et produire la ville au XXIe siècle*, Lausanne, June 2012.

Ge, Q., J. Ortigosa and M. Menéndez (2014) Traffic demand pattern generation for a grid network based on experiment design, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Ge, Q., B. Ciuffo and M. Menéndez (2014) From theory to practice II: a comprehensive approach for the sensitivity analysis of high dimensional and computationally expensive traffic simulation models, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Ge, Q. and M. Menéndez (2012) Sensitivity analysis for calibrating VISSIM in modeling the Zurich network, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Ge, Q. and M. Menéndez (2013) A simulation study for the static early merge and late merge controls at freeway work zones, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Ge, Q. and M. Menéndez (2015) Sampling dependent parameters in traffic simulation models with Gaussian copula, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Ge, Q. and M. Menéndez (2016) Global sensitivity analysis of traffic simulation models with dependent input variables, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Geroliminis, N. and C. F. Daganzo (2007) Macroscopic modeling of traffic in cities, paper

presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Giaimo, G., R. Anderson, L. Wargelin and P. R. Stopher (2010) Will it work? Pilot results from the first large-scale GPS-based household travel survey in the United States, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Gibb, J. and J. L. Bowman (2007) Convergence of an activity-based travel model system to equilibrium: Experimental designs and findings, paper presented at the *11th National Transportation Planning Applications Conference*, Daytona Beach, Florida, May 2007.

Gil, J., N. Montenegro, J. N. Beirão and J. P. Duarte (2009) On the discovery of urban typologies, paper presented at the *27th eCAADe Conference*, 269–278, Istanbul, September 2009.

Gil, J. and S. Read (2012) Measuring sustainable accessibility potential using the mobility infrastructure's network configuration, paper presented at the *8th International Space Syntax Symposium*, 1–19, Santiago de Chile, January 2012.

Girault, J.-T., V. V. Gayah, S. I. Guler and M. Menéndez (2016) An exploratory analysis of signal coordination impacts on the Macroscopic Fundamental Diagram, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Gliebe, J., M. A. Bradley, N. Ferdous, M. Outwater, H. Lin and J. Chen (2014) Transfer of activity-based model parameters from Sacramento, California, to Jacksonville, and to Tampa, Florida, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Gloor, C. D., L. Maunon and K. Nagel (2003) A pedestrian simulation for hiking in the alps, paper presented at the *3rd Swiss Transport Research Conference*, Ascona, March 2003.

Goetzke, F. (2003) Are travel demand forecasting models biased because of uncorrected spatial autocorrelation?, paper presented at the *50th Annual North American Meetings of the Regional Science Association International*, Philadelphia, November 2003.

Goldberg, A. V. and C. Harrelson (2005) Computing the shortest path: A\* search meets graph theory, paper presented at the *16th annual ACM-SIAM symposium on Discrete algorithms (SODA)*, Vancouver, January 2005.

Golle, P. and K. Partridge (2009) On the anonymity of home/work location pairs, paper presented at the *7th International Conference on Pervasive Computing*, 390–397, Nara, May 2009.

Gómez Jiménez, P., M. Menéndez, E. Mérida-Casermeiro and J. de Oña López (2014) Bilevel optimization process to estimate O-D matrices in a small network in Zurich, paper presented at the *XVIII Pan-American Conference on Traffic and Transportation Engineering*, Santander, June 2014.

Goulias, K. G., C. R. Bhat, R. M. Pendyala, Y. Chen, R. Paleti, K. Konduri, T. Lei, D. Tang, S. Y. Yoon, G. Huang and H.-H. Hu (2012) Simulator of activities, greenhouse emissions, networks, and travel (SimAGENT) in southern california, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

González, V. M., M. D. Galus, R. A. Waraich and G. Andersson (2012) On the interdependence of intelligent charging approaches for plug-in electric vehicles in transmission and distribution networks, paper presented at the *IEEE ISGT Europe Conference*, Berlin, October 2012.

Greaves, S., S. Fifer, R. Ellison and G. Germanos (2010) Development of a GPS/web-based prompted-recall solution for longitudinal travel surveys, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Greenfeld, J. S. (2002) Matching GPS observations to locations on a digital map, paper presented at the *81st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2002.

Greenhalgh, J. and M. Mirmehdi (2012) Traffic sign recognition using MSER and random forests, paper presented at the *20th European Signal Processing Conference (EUSIPCO 2012)*, Bucharest, August 2012.

Grether, D., Y. Chen, M. Rieser, U. Beuck and K. Nagel (2008) Emergent effects in multi-agent simulations of road pricing, paper presented at the *48th Congress of the European Regional Science Association*, Liverpool, August 2008.

Grether, D., B. Kickhöfer and K. Nagel (2009) Policy evaluation in multi-agent transport simulations considering income-dependent user preferences, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Grether, D., M. Neumann and K. Nagel (2012) Simulation of urban traffic control: A queue model approach, paper presented at the *1st International Workshop on Agent-based Mobility, Traffic and Transportation Models, Methodologies and Applications*, Niagara Falls, August 2012.

Griffin, T. and Y. Huang (2005) A decision tree classification model to automate trip purpose derivation, paper presented at the *18th International Conference on Computer Applications in Industry and Engineering*, Honolulu, November 2005.

Gringmuth, C., G. Liedtke and W. Rothengatter (2005) The micro-based modeling system OVID, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Guler, S. I., O. Grembek and D. R. Ragland (2013) Using time-based metrics to compare crash risk across modes and locations, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Guler, S. I. and M. Menéndez (2013) Pre-signals for bus priority: Basic guidelines for imple-

mentation, paper presented at the *3rd International Conference on Models and Technologies for Intelligent Transportation Systems*, Dresden, December 2013.

Guler, S. I. and M. Menéndez (2013) Empirical Evaluation of Bus and Car Delays at Pre-signals, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Gündogan, F. and M. Fellendorf (2011) Pattern recognition method for simplified coordinated traffic signal control, paper presented at the *IEEE Forum on Integrated and Sustainable Transportation Systems*, Vienna, June 2011.

Guo, J. Y. and C. R. Bhat (2005) Operationalizing the concept of neighborhood: Application to residential location choice analysis, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Gupta, S., P. Vovsha, R. Kumar and A. Subhani (2014) Incorporating cycling in ottawagatineau travel forecasting model, paper presented at the *5th Conference on Innovations in Travel Modeling*, Baltimore, April 2014.

Gutman, R. (2004) Reach-based routing: A new approach to shortest path algorithms optimized for road networks, paper presented at the *6th Workshop on Algorithm Engineering and Experiments (ALENEX)*, New Orleans, January 2004.

Habib, K. M. N. (2015) Comprehensive utility-based system of travel options modeling (custom) considering dynamic time-budget constrained potential areas in activity scheduling processes: Application in modeling worker's daily activity-travel schedules, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Habib, K. M. N., C. Sasic, C. Weis and K. W. Axhausen (2012) Investigating the non-linear relationship between transportation system performance and daily activity scheduling behaviour, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Habib, K. M. N. and E. J. Miller (2008) Modeling residential mobility and spatial search behavior: Estimation of continuous-time hazard and discrete-time panel logit models for residential mobility, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Hackney, J. K. (2005) Speed of transit in Zurich, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Hackney, J. K. and K. W. Axhausen (2006) An agent model of social network and travel behavior interdependence, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Hackney, J. K., B. J. Vitins and B. R. Bodenmann (2013) Market-Clearing Models in FaLC, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

- Halatsch, J., A. Kunze and G. Schmitt (2008) Using shape grammars for master planning, paper presented at the *Third International Conference on Design Computing and Cognition*, Atlanta, June 2008.
- Haldi, F. and R. V. F. Robinson (2009) A comprehensive stochastic Model of Window Usage: Theory and Validation, paper presented at the *Eleventh International IBPSA Conference*, Glasgow, July 2009.
- Hajdin, R. (2006) KUBA Version 4.0, paper presented at the *Conference on Operation and Maintenance and Rehabilitation of Large Infrastructure Projects, Bridges and Tunnels*, Copenhagen, May 2006.
- Halldórsdóttir, K., N. Rieser-Schüssler, K. W. Axhausen, O. A. Nielsen and C. G. Prato (2012) Efficiency of choice set generation methods for bicycle routes, paper presented at the *1st European Symposium on Quantitative Methods in Transportation Systems*, Lausanne, September 2012.
- Hammadou, H. and C. Papaix (2014) Estimating shadow-prices of urban transport mode choice for a second best pricing of CO<sub>2</sub> emissions, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.
- Hanebutte, U. R. and A. M. Tentner (1995) Traffic simulations on parallel computers using domain decomposition techniques, paper presented at the *2nd World Congress on Intelligent Transport Systems*, Yokohama, November 1995.
- Han, Q., T. A. Arentze, H. J. P. Timmermans, D. Janssens and G. Wets (2009) Developing dynamic models of activity-travel behavior: Principles, mechanisms, challenges in data collection and methodological issues, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.
- Hannes, E., D. Janssens and G. Wets (2006) Proximity is a state of mind: Exploring mental maps in daily activity travel behaviour, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.
- Hannes, E., D. Janssens and G. Wets (2008) Destination choice in daily activity travel: The mental map's repertoire, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.
- Hansen, N. and S. Kern (2004) Evaluating the CMA evolution strategy on multimodal test functions, paper presented at the *Eighth International Conference on Parallel Problem Solving from Nature*, Birmingham, September 2004.
- Harding, C., Z. Patterson and K. W. Axhausen (2014) Neighborhood and regional effects on trip dispersal: a case study using data from the 9 largest metropolitan regions in Switzerland, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Harding, C., E. J. Miller, Z. Patterson and K. W. Axhausen (2015) Multiple purpose tours and efficient trip chaining: an analysis of the effects of land use and transit on travel behaviour in Switzerland, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Harvey, F., K. J. Krizek and R. Collins (2008) Using GPS data to assess bicycle commuter route choice, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Hasan, S., C. F. Choudhury, M. E. Ben-Akiva and A. Emmonds (2011) Modeling travel time variations on urban links in London, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Hasan, S., W. Lafayette and S. Ukkusuri (2013) Understanding urban human activity and mobility patterns using large-scale location-based data from online social media, paper presented at the *ACM SIGKDD International Workshop on Urban Computing*, Chicago, August 2013.

He, H., R. Susset and M. Menéndez (2015) Modelling lane changing behavior at freeway weaving sections, paper presented at the *4th Symposium of the European Association for Research in Transportation*, Copenhagen, September 2015.

He, H., S. I. Guler and M. Menéndez (2014) The effects of pre-signals at an isolated intersection: simulation results, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Heimgartner, C. and M. Menéndez (2013) Challenges for better understanding and simulation urban traffic - the zurich experience, paper presented at the *3rd International Conference on Models and Technologies for Intelligent Transportation Systems*, Dresden, December 2013.

He, M., M. He and S. Gao (2009) Destination choice modeling for home-based non-commute trips: Some improvements in utility function and a case study in China, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Heinen, E., B. van Wee and K. Maat (2009) The impact of work-related factors on levels of bicycle commuting, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Heinzle, F., K.-H. Andres and M. Sester (2005) Graph based approaches for recognition of patterns and implicit information in road networks, paper presented at the *22nd International Cartographic Conference*, A Coruna, July 2005.

He, H., S. I. Guler and M. Menéndez (2015) Providing bus priority using adaptive pre-signals, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

He, Q. and K. L. Head (2010) Lane level vehicle positioning with low cost GPS, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C.,



January 2010.

Hess, S. and K. W. Axhausen (2005) Distributional assumptions in the representation of random taste heterogeneity, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Hess, S., M. Bierlaire and J. W. Polak (2006) Discrete mixtures models, paper presented at the *6th Swiss Transport Research Conference*, Ascona, March 2006.

Hess, S., M. Bierlaire and J. W. Polak (2005) Capturing taste heterogeneity and correlation structures with Mixed GEV models, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Hess, S., M. Bierlaire and J. W. Polak (2005) Estimation of value-of-time using mixed logit, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Hess, S., J. W. Polak and K. W. Axhausen (2006) Distributional assumptions in Mixed Logit models, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Hess, S., J. W. Polak and A. J. Daly (2005) Flexible substitution patterns in models of mode and time of day choice: New evidence from the UK and the Netherlands, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Hess, S., M. A. Quddus, N. Rieser-Schüssler and A. J. Daly (2014) Developing advanced route choice models for heavy goods vehicles using GPS data, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Hess, S. and J. M. Rose (2008) Intra-respondent taste heterogeneity in instantaneous panel surveys, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Hess, S. and J. M. Rose (2007) Some lessons for working with repeated choice data, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Hess, S. and A. Stathopoulos (2011) Linking response quality to survey engagement: A combined random scale and latent variable approach, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Heyndrickx, C., F. Rodric, P. M. Bösch and F. Ciari (2016) Benefits of informing travellers in case of extreme precipitation events: A model based case study for Zurich using MATSim, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Hirschmann, K., M. Zallinger, M. Fellendorf and S. Hausberger (2010) A new method to

calculate emissions with simulated traffic conditions, paper presented at the *Intelligent Transportation Systems Conference (ITSC)*, Madeira, September 2010.

Hollander, Y. (2005) The attitudes of bus users to travel time reliability, paper presented at the *European Transport Conference*, Strasbourg, October 2005.

Hoogendoorn-Lanser, S., N. Schaap and J. van de Waard (2012) Policy Perspective on Accessibility Measures : Assessment Framework and its Implications, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Hoogendoorn-Lanser, S. and P. H. L. Bovy (2007) Modeling overlap in multi-modal route choice by inclusion of trip part specific path size factors, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Hoogendoorn-Lanser, S., R. van Nes and P. H. L. Bovy (2006) A rule-based approach to multi-modal choice set generation, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Hoogendoorn-Lanser, S., S. P. Hoogendoorn, R. van Nes and P. H. L. Bovy (2006) Home-activity approach to multi-modal travel choice modeling, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Hoogendoorn-Lanser, S., R. van Nes and S. P. Hoogendoorn (2006) Modeling transfers in multimodal trips: Explaining correlations, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Horni, A. and K. W. Axhausen (2012) How to improve MATSim destination choice for discretionary activities?, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Horni, A. and K. W. Axhausen (2014) Gridlock Modeling with MATSim, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Horni, A., D. Charypar and K. W. Axhausen (2011) Variability in transport microsimulations investigated for MATSim: Preliminary results, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2008) Location choice for shopping and leisure activities implemented in the activity-based multi-agent transport simulation MATSim, paper presented at the *8th Swiss Transport Research Conference*, Ascona, October 2008.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2009) Location choice modeling for shopping and leisure activities with MATSim: Utility function extension and validation results, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Horni, A. and L. Montini (2013) A Glimpse at Emergence in Agent-Based Microsimulations,

paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Horni, A., L. Montini, R. A. Waraich and K. W. Axhausen (2012) An agent-based cellular automaton cruising-for-parking simulation, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Horni, A., K. Nagel and K. W. Axhausen (2012) High-resolution destination choice in agent-based demand models, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Horni, A., D. M. Scott, M. Balmer and K. W. Axhausen (2009) Location choice modeling for shopping and leisure activities with MATSim: Combining micro-simulation and time geography, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Horni, A., D. Charypar and K. W. Axhausen (2011) Empirically approaching destination choice set formation, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Hubbard, B., B. Middaugh and D. Bullock (2011) Utilization of bluetooth technology to assess worker proximity to construction health hazards, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Huisman, O. and P. Forer (2005) The complexities of everyday life: Balancing practical and realistic approaches to modelling probable presence in space-time, paper presented at the *17th Annual Colloquium of the Spatial Information Research Centre*, Dunedin (New Zealand), November 2005.

Hülsmann, F. H., R. Gerike, B. Kickhöfer, K. Nagel and R. Luz (2011) Towards a multi-agent based modeling approach for air pollutants in urban regions, paper presented at the *Kolloquium Luftqualität an Strassen*, Bergisch Gladbach, March 2011.

Huntsinger, L. F. and R. Donnelly (2014) Reconciliation of Regional Travel Model and Passive Device Tracking Data, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Huntsinger, L. F. and N. M. Rouphail (2011) Calibrating travel demand model volume-delay functions using bottleneck and queuing analysis, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Hunt, J. D. (2006) Levels of disaggregation and degrees of aggregate constraint in transportation system modeling, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Hurtubia, R., G. Flötteröd and M. Bierlaire (2009) Inferring the activities of smartphone users from context measurements using Bayesian inference and random utility models, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

Hurtubia, R. and M. Bierlaire (2011) Bid rent model for simultaneous determination of location and rent in land use microsimulations, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Huybers, T. (2003) Destination choice modelling - to label or not to label?, paper presented at the *Tourism Modelling and Competitiveness Conference*, Paphos, Cyprus, November 2003.

Iacono, M. and D. Levinson (2012) Accessibility dynamics and location premia: Do land values follow accessibility changes?, paper presented at the *91st Annual Meeting of the Transportation Research Board*, 1–18, Washington, D.C., January 2012.

Illenberger, J., G. Flötteröd and K. Nagel (2007) Enhancing MATSim with capabilities of within-day re-planning, paper presented at the *Intelligent Transportation Systems Conference (ITSC)*, Seattle, September 2007.

Iragael, J. (2007) The role of travel time budgets - representation of a demand derived from activity participation, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Jacobi, M., J. Halatsch, A. Kunze, G. Schmitt and B. Turkienicz (2009) A grammar-based system for the participatory design of urban structures, paper presented at the *13th Congreso Iberoamericano de Gráfica Digital*, Sao Paolo, November 2009.

Jäggi, B. (2015) Interdependencies and modelling of Swiss household expenditure categories, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Jäggi, B. and K. W. Axhausen (2011) Modelling long term investment decisions in housing and transportation, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Jäggi, B., M. Castro, L. Schmitt, C. R. Bhat and K. W. Axhausen (2012) Multiple discrete-continuous choice model of household energy reduction across multiple sectors using priority evaluator data, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Jäggi, B., S. Hohmann, K. W. Axhausen and J. Geistefeldt (2014) Comparison of Estimates of Travel Time Losses on High Capacity Roads, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Jakobsson, C. (2003) Household planning of car use: Implementation of prospective car logs, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Janssens, D., G. Wets, H. J. P. Timmermans and T. A. Arentze (2007) Modeling short-term dynamics in activity-travel patterns: the Feathers model, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Janzen, M. and K. W. Axhausen (2015) Population Generation for Continuous, Long-Distance Travel Demand Simulations, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Janzen, M. and K. W. Axhausen (2015) Activity Planning in a Continuous Long-Term Travel Demand Microsimulation, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Janzen, M. and K. W. Axhausen (2015) Long-Term-C-TAP Simulation: Generating Long Distance Travel Demand for a full Year, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Janzen, M., D. Charypar and K. W. Axhausen (2014) Long term simulation of a continuous target-based model, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Janzen, M., M. Vanhoof, K. W. Axhausen and Z. Smoreda (2016) Estimating long-distance travel demand with mobile phone billing data, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Jara-Diaz, S. R. and R. Guerra (2003) Modelling activity duration and travel choice from a common microeconomic framework, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Jara-Diaz, S. R., M. A. Munizaga, P. Greeven and R. Guerra (2007) The unified expanded goods-activities-travel model: Theory and results, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Jariyasunant, J., A. Carrel, V. Ekambaram, D. Gaker, T. Kote, R. Sengupta and J. L. Walker (2012) The Quantified Traveler: Using personal travel data to promote sustainable transport behavior, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Javanmardi, M. and A. K. Mohammadian (2012) Integration of the ADAPTS activity-based model and TRANSIMS, paper presented at the *Transport Chicago Conference*, June 2012.

Jenelius, E. (2007) Incorporating dynamics and information in a consequence model for road network vulnerability analysis, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.

Jenelius, E. (2007) The vulnerability of road networks under area-covering disruptions, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.

Jensen, C. S., J. Kolar, T. B. Pedersen and I. Timko (2003) Nearest neighbor queries in road networks, paper presented at the *11th ACM International Symposium on Advances in Geographic Information Systems*, New Orleans, November 2003.

Jin, J. G., K. M. Teo and L. Sun (2013) Disruption Response Planning for an Urban Mass Rapid Transit Network, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Joubert, J. W. and K. W. Axhausen (2009) Inferring commercial vehicle activities from GPS data, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Joubert, J. W., D. Ziemke and K. Nagel (2015) Accessibility in a post-apartheid city: Comparison of two approaches for the computation of accessibility indicators, paper presented at the *55th Congress of the European Regional Science Association*, Lisbon, August 2015.

Kämpf, J. and R. V. F. Robinson (2009) Optimisation of urban Energy Demand using an evolutionary Algorithm, paper presented at the *Eleventh International IBPSA Conference*, Glasgow, July 2009.

Kaplan, S., S. Bekhor and Y. Shiftan (2009) A two-stage model jointly revealing the determinants of non-compensatory conjunctive choice set formation and compensatory choice, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Kaplan, S. and S. Bekhor (2011) Exploring en-route parking type and parking-search route choice: Decision making framework and survey design, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Kickhöfer, B., M. Zilske and K. Nagel (2010) Income dependent economic evaluation and public acceptance of road user pricing, paper presented at the *Kuhmo NECTAR Conference on Transportation Economics*, Valencia, July 2010.

Kickhöfer, B. and J. Kern (2014) Pricing local emission exposure of road traffic: An agent-based approach, paper presented at the *International Scientific Conference on Mobility and Transport*, Munich, May 2014.

Killer, V. and K. W. Axhausen (2012) A residential choice model exploring different types of commuters: First results, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Kim, J., S. y. Park, Y. Bang and K. Yu (2009) Automatic derivation of a pedestrian network based on existing spatial data sets, paper presented at the *ASPRS/MAPPS 2009 Fall Conference*, San Antonio, November 2009.

King, C. and R. Bell (2005) Technologies and trends for disaster monitoring and reduction, paper presented at the *Earthquake Engineering in the 21st Century (EE-21C) Conference: Technologies and Trends for Disaster Monitoring and Reduction*, Skopje, August 2005.

Kitamura, R. (1996) Applications of models of activity behavior for activity based demand forecasting, paper presented at the *Activity-Based Travel Forecasting Conference*, New Orleans,

June 1996.

Kitrinou, E., A. Polydoropoulou and D. Bolduc (2009) Development of integrated choice and latent variable models for the residential relocations decision in island areas, paper presented at the *1st International Choice Modelling Conference*, Leeds, April 2009.

Kiukkonen, N., J. Blom, O. Dousse, D. Gatica-Perez and J. Laurila (2010) Towards rich mobile phone datasets: Lausanne data collection campaign, paper presented at the *7th International Conference on Pervasive Services*, Berlin, July 2010.

Knoop, V. L., M. Snelder and H. J. van Zuylen (2007) Comparison of link-level robustness indicators, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.

Knoop, V. L., S. P. Hoogendoorn and H. J. van Zuylen (2007) Quantification of the impact of spillback modeling in assessing network reliability, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Koot, J., M. Kowald and K. W. Axhausen (2012) Modelling behaviour during a large-scale evacuation: A latent class model to predict evacuation behaviour, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Kowald, M., P. van den Berg, A. Frei, T. A. Arentze, J. A. Carrasco, K. W. Axhausen, D. Mok, H. J. P. Timmermans and B. Wellman (2012) The spatiality of personal networks in four countries: A comparative study, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Kowald, M., T. A. Arentze and K. W. Axhausen (2012) A population's leisure network: Descriptive statistics and a model-based analysis of leisure-contact selection, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Kowald, M. and K. W. Axhausen (2011) Surveying data on connected personal networks, paper presented at the *9th International Conference on Survey Methods in Transport*, Termas de Puyehue, November 2011.

Kronfelder, M., H. Planatscher and A. Zell (2010) The eva2 optimization framework, paper presented at the *4th Learning and Intelligent Optimization Conference*, Venice, January 2010.

Krumm, J. and E. Horvitz (2006) Predestination: Inferring destinations from partial trajectories, paper presented at the *8th International Conference on Ubiquitous Computing*, Orange County, September 2006.

Krygsman, S., J. Nel and T. de Jong (2008) Deriving transport data with cellphones: Methodological lessons from South Africa, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Köhler, E. and M. Strehler (2012) Combining static and dynamic models for traffic signal

optimization, paper presented at the *15th Meeting of the Euro Working Group Transportation*, Paris, September 2012.

Kolahdouzan, M. and C. Shahabi (2004) Voronoi-based k nearest neighbor search for spatial network databases, paper presented at the *30th International Conference on Very Large Data Bases*, Toronto, September 2004.

Kornhauser, A. L., U. Batchu and K. Wan (2010) Methodology for monitoring highway performances across extensive corridors using probe vehicle GPS data; with application to the Québec-Windsor corridor, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Kowald, M., A. Frei, J. K. Hackney, J. Illenberger and K. W. Axhausen (2009) Collecting data on leisure travel: The link between leisure acquaintances and social interactions, paper presented at the *Applications of Social Network Analysis*, Zurich, August 2009.

Kraschl-Hirschmann, K., M. Zallinger, R. Luz, M. Fellendorf and S. Hausberger (2011) A method for emission estimation for microscopic traffic flow simulation, paper presented at the *IEEE Forum on Integrated and Sustainable Transportation Systems*, Vienna, June 2011.

Kubik, A. (2001) On emergence in evolutionary multiagent systems, paper presented at the *Advances in Artificial Life, 6th European Conference*, vol. 2159 of *Lecture Notes in Computer Science*, Prague, September 2001.

Ku, W.-S., R. Zimmermann, H. Wang and C.-N. Wan (2005) Adaptive nearest neighbor queries in travel time networks, paper presented at the *13th ACM International Workshop on Geographic Information Systems*, Bremen, November 2005.

Kukla, R., A. Willis and J. Kerridge (2003) Application of context-mediated behavior to a multi-agent pedestrian flow model (PEDFLOW), paper presented at the *82nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2003.

Kurth, D. L., S. Childress, E. E. Sabina and T. F. Rossi (2006) Proposed validation and sensitivity testing of Denver region activity-based models, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Kuhnimhof, T., R. Frick, B. Grimm and P. Phleps (2014) Long distance mobility in central europe: Status quo and current trends, paper presented at the *European Transport Conference*, Frankfurt, October 2014.

Kuhnimhof, T. and J. Last (2009) The Path to Better Long-distance Travel Data in Europe – The Potential of Combining Established Household Survey Instruments and Methodological Innovations Long Distance Mobility in Central Europe: Status Quo and Current Trends, paper presented at the *First International Conference on the Measurement and Economics Analysis of Regional Tourism*, San Sebastian, October 2009.

Lämmel, G. and M. Plaue (2012) Getting out of the way: collision avoiding pedestrian models



compared to the real world, paper presented at the *6th International Conference on Pedestrian and Evacuation Dynamics*, Zurich, June 2012.

La Paix, L., M. Bierlaire, E. Cherchi and A. Monzón (2011) How urban environment affects travel behaviour? Integrated choice and latent variable model for travel schedules, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Lanzendorf, M. (2003) Mobility biographies: A new perspective for understanding travel behaviour, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Larsen, M. K. and T. K. Rasmussen (2010) Matching observed public route choice data to a GIS network, paper presented at the *Trafikdage på Aalborg Universitet*, Aalborg, August 2010.

Laurent, F. M. (1997) Generalized maximum entropy methods in transportation planning, paper presented at the *European Transport Conference*, Cambridge.

Lee, D.-H., L. Sun and A. L. Erath (2012) Study of bus service reliability in Singapore using fare card data, paper presented at the *12th Asia Pacific ITS Forum & Exhibition*, Kuala Lumpur, April 2012.

Lee, D.-H., L. Sun and A. L. Erath (2012) Determining optimal control stop to improve bus service reliability, paper presented at the *1st European Symposium on Quantitative Methods in Transportation Systems*, Lausanne, September 2012.

Lee, D.-H., X. Wu and L. Sun (2013) A limited information sharing strategy for the taxi-customer searching problem in non-booking taxi service, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Lefebvre, N. and M. Balmer (2007) Fast shortest path computation in time-dependent traffic networks, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Lee, D.-H., L. Sun and A. L. Erath (2012) Study of bus service reliability in singapore using fare card data, paper presented at the *The 12th Asia Pacific ITS Forum & Exhibition*, Kuala Lumpur, April 2012.

Lee, J. S. and T. J. Kim (2007) Implementation of spatio-temporal model for infrastructure reconstruction strategy under large scale disaster, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Lee-Gosselin, M. E. H. (1995) Scope and potential of interactive stated response data collection methods, paper presented at the *Conference on Household Travel Surveys: New Concepts and Research Needs*, Irvine, March 1995.

Leisch, F. (2002) Sweave: Dynamic generation of statistical reports using literate data analysis, paper presented at the *Compstat 2002 — Proceedings in Computational Statistics*, 575–580.

- Levinson, D., D. J. Giacomini and A. Badsey-Ellis (2014) Accessibility and the choice of network investments in the london underground, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.
- Löchl, M., K. W. Axhausen and S. Schönfelder (2005) Analysing swiss longitudinal travel data, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.
- Löchl, M. (2007) Considering spatial dependence in hedonic rent price regression, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.
- Liao, L., D. J. Patterson, D. Fox and H. Kautz (2005) Building personal maps from GPS data, paper presented at the *International Joint Conference on Artificial Intelligence (IJCAI) Workshop on Modeling Others from Observations*, Edinburgh, July 2005.
- Li, S., I. V. Kolmanovsky and A. G. Ulsoy (2011) Battery swapping modularity design for plug-in HEVs using the augmented lagrangian decomposition method, paper presented at the *American Control Conference*, San Francisco, July 2011.
- Li, H., G. Hooghiemstra, P. H. L. Bovy and M. C. J. Bliemer (2008) Selection properties of stochastic route choice set generation, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.
- Li, H., R. Guensler and J. Ogle (2006) Impact of objective route attributes on choice of primary morning commute route, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.
- Liu, K. (2010) From disorder applause to emerging rhythmic clapping, paper presented at the *3rd IEEE International Conference on Computer Science and Information Technology*, Nanjing, July 2010.
- Li, Z. J. and A. Shalaby (2008) Web-based GIS system for prompted recall of GPS-assisted personal travel surveys: System development and experimental study, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.
- Lichman, M. and P. Smyth (2014) Modeling Human Location Data with Mixtures of Kernel Densities, paper presented at the *20th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '14)*, New York, August 2014.
- Lu, M. (2012) Exploring discrete choice model with fuzzy control theory, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.
- Lu, M. and K. W. Axhausen (2014) Searching for arriving on-time tolerance – New Swiss data for travel time reliability analysis, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.
- Lu, M., K. W. Axhausen and J. Li (2013) First Results of Simulating Traffic Behaviour Using Distributed Adaptive Control, paper presented at the *13th Swiss Transport Research Confe-*

rence, Ascona, April 2013.

Lüthy, N., S. I. Guler and M. Menéndez (2016) System wide effects of bus stops: bus bays vs. curbside bus stops, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Lu, Y., S. Zhu and L. Zhang (2012) A machine learning approach to trip purpose imputation in GPS-based travel surveys, paper presented at the *4th Conference on Innovations in Travel Modeling*, Tampa, May 2012.

Lu, Y. and L. Zhang (2014) Trip purpose estimation for urban travel in the u.s.: Model development, NHTS add-on data analysis, and model transferability across different states, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Ma, H., T. A. Arentze and H. J. P. Timmermans (2012) Incorporating selfishness and altruism into dynamic joint activity-travel scheduling, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Ma, X. and E. McCormack (2010) Using truck fleet management GPS data to develop the foundation for a performance measures program, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Madera, J. (2009) Bicycling, bicyclists, and area type: Findings from the 2005 Philadelphia Metropolitan Bicycle Travel Survey, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Märki, F., D. Charypar and K. W. Axhausen (2012) Location choice in a continuous model, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Märki, F., D. Charypar and K. W. Axhausen (2012) Target driven activity planning, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Märki, F., D. Charypar and K. W. Axhausen (2011) Continuous activity planning for a continuous traffic simulation, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Märki, F., D. Charypar and K. W. Axhausen (forthcoming) Target driven activity planning, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C.

Märki, F., D. Charypar and K. W. Axhausen (2013) Integration of Household Interaction with a Continuous Simulation Model, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Märki, F., D. Charypar and K. W. Axhausen (2012) Validation of a continuous simulation model for daily travel, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Märki, F., D. Charypar and K. W. Axhausen (2011) A continuous simulation concept for daily travel, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Märki, F., D. Charypar and K. W. Axhausen (2010) A first approach to a continuous simulation of daily travel, paper presented at the *10th Swiss Transport Research Conference*, Ascona, September 2010.

Mahmassani, H. S., T. Hu and R. Jayakrishnan (1992) Dynamic traffic assignment and simulation for advanced network informatics, paper presented at the *Compendium of the Second International Seminar on Urban Traffic Networks*, Capri.

Maley, D. W. and R. R. Weinberger (2011) Food shopping in the urban environment: Parking supply, destination choice, and mode choice, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Malinovskiy, Y., U.-K. Lee, Y.-J. Wu and Y. Wang (2011) Investigation of Bluetooth-based travel time estimation error on a short corridor, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Mamdoohi, A., K. W. Axhausen, A. Mahpour, T. H. Rashidi and M. Saffarzadeh (2016) Are there latent effects in shopping destination choice? Survey methods and response behavior, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Manley, E. and T. Cheng (2010) Understanding road congestion as an emergent property of traffic networks, paper presented at the *14th World Multi-Conference on Systemics, Cybernetics and Informatics*, Caracas, June 2010.

Marca, J. E., C. R. Rindt, M. G. McNally and S. T. Doherty (2001) A GPS enhanced in-vehicle extensible data collection unit, paper presented at the *80th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2001.

Marchal, F. (2008) An open-source toolkit for analysis of GPS data, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Marchal, F., J. K. Hackney and K. W. Axhausen (2005) Efficient map-matching of large GPS data sets - tests on a speed monitoring experiment in Zurich, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Marchal, F. and K. Nagel (2005) Modeling location choice of secondary activities with a social network of cooperative agents, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Marchal, P., S. Roux, S. Yuan, J.-P. Hubert, J. Armoogum, J.-L. Madre and M. E. H. Lee-

Gosselin (2008) A study of non-response in the GPS sub-sample of the French National Travel Survey 2007-2008, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Marchal, P., J.-L. Madre and S. Yuan (2011) Post-processing procedures for person-based GPS data collected in the French National Travel Survey 2007-2008, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Martens, K., W. Sierzechula and S. Pasman (2011) Broadening the market for carshare? results of a pilot project in the Netherlands, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Martínez, F., E. Cascetta, F. Pagliara, M. Bierlaire and K. W. Axhausen (2008) An application of the Constrained Multinomial Logit (CMNL) for modelling dominated choice alternatives, paper presented at the *8th Swiss Transport Research Conference*, Ascona, October 2008.

Martínez, L. and J. M. Viegas (2009) Effects of transportation accessibility on residential property values: A hedonic price model in the Lisbon metropolitan area, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Matisziw, T., T. Murray and T. Grubestic (2007) Evaluating vulnerability and risk in interstate highway operation, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

McArdle, G., E. Furey, A. Lawlor and A. Pozdnoukhov (2012) City-scale traffic simulation from digital footprints, paper presented at the *International Workshop on Urban Computing*, Beijing, August 2012.

McGrath, R. and A. Pozdnoukhov (2014) A generative model of urban activities: simulating a population, paper presented at the *ACM SIGKDD International Workshop on Urban Computing*, New York, August 2014.

McNally, M. G. and A. Kulkarni (2001) A microsimulation of daily activity patterns, paper presented at the *80th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2001.

Meister, K., M. Rieser, F. Ciari, A. Horni, M. Balmer and K. W. Axhausen (2008) Anwendung eines agentenbasierten Modells der Verkehrsnachfrage auf die Schweiz, paper presented at the *Heureka '08*, Stuttgart, March 2008.

Meister, K., M. Balmer, K. W. Axhausen and K. Nagel (2006) planomat: A comprehensive scheduler for a large-scale multi-agent transportation simulation, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Meister, K., M. Frick and K. W. Axhausen (2005) Generating daily activity schedules for households using genetic algorithms, paper presented at the *5th Swiss Transport Research Conference*, Ascona, March 2005.

Meister, K., M. Balmer, K. W. Axhausen and K. Nagel (2006) planomat: A comprehensive scheduler for a large-scale multi-agent transportation simulation, paper presented at the *6th Swiss Transport Research Conference*, Ascona, March 2006.

Meister, K., D. Charypar, N. Lefebvre, M. Rieser, M. Balmer and K. W. Axhausen (2007) An agent-based model of travel demand of all of Switzerland, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Meister, K., M. Frick and K. W. Axhausen (2005) A GA-based household scheduler, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Meister, K., M. Balmer, F. Ciari, A. Horni, M. Rieser, R. A. Waraich and K. W. Axhausen (2010) Large-scale agent-based travel demand optimization applied to Switzerland, including mode choice, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

Menard, J., F. Harvey and K. J. Krizek (2009) Improving GPS data collection of human spatial behavior, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Menéndez, M., Q. Ge and B. Ciuffo (2014) Sensitivity analysis: a valuable tool in traffic model calibration, paper presented at the *20th Conference of the International Federation of Operational Research Societies*, Barcelona, July 2014.

Meyer de Freitas, L., O. Schuemperlin and M. Balac (2016) Road pricing: An analysis of equity effects with MATSim, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Milam, R. T. and F. Chao (2001) Recommended guidelines for the calibration and validation of traffic simulation models, paper presented at the *8th TRB Conference on the Application of Transportation Planning Methods*, Chorus Christi, Texas, April 2001.

Miller, E. J. (1996) Microsimulation and activity-based forecasting, paper presented at the *Activity-Based Travel Forecasting Conference*, New Orleans, June 1996.

Mislove, A., M. Marcon, K. P. Gummadi, P. Druschel and B. Bhattacharjee (2007) Measurement and analysis of online social networks, paper presented at the *7th ACM SIGCOMM Conference on Internet Measurement*, San Diego, October 2007.

Mohammadian, A. K., M. Haider and P. S. Kanaroglou (2005) Incorporating spatial dependencies in random parameter discrete choice models, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Moiseeva, A., J. Jessurun and H. J. P. Timmermans (2010) Semi-automatic imputation of activity travel diaries using GPS-traces, prompted recall and context-sensitive learning algorithms, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washing-

ton, D.C., January 2010.

Moiseeva, A., H. J. P. Timmermans and J. Jessurun (2010) Semi-automatic imputation of long-term activity travel diaries using GPS-traces: Personal versus aggregate histories, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

Molin, E. J. E. and H. J. P. Timmermans (2003) Accessibility considerations in residential choice decisions: Accumulated evidence from the Benelux, paper presented at the *82nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2003.

Mondschein, A., E. Blumenberg and B. D. Taylor (2008) Accessibility and cognition: Effect of transportation mode on spatial knowledge, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Montini, L. and K. W. Axhausen (2015) Preliminary results: Route choice analysis from multi-day GPS data, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Montini, L., A. Horni, N. Rieser-Schüssler and K. W. Axhausen (2012) Searching for parking in GPS data, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Montini, L., S. Prost, J. Schrammel, N. Rieser-Schüssler and K. W. Axhausen (2014) Comparison of travel diaries generated from smartphone data and dedicated GPS devices, paper presented at the *10th International Conference on Transport Survey Methods*, Leura, November 2014.

Montini, L., N. Rieser-Schüssler and K. W. Axhausen (2013) Handling GPS Signal Loss using Accelerometer Data, paper presented at the *Mobile Ghent '13*, Ghent, October 2013.

Montini, L., A. Horni, N. Rieser-Schüssler and K. W. Axhausen (2012) Searching for parking in GPS data, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Montini, L., N. Rieser-Schüssler and K. W. Axhausen (2013) Field Report: One-Week GPS-based Travel Survey in the Greater Zurich Area, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Montini, L., N. Rieser-Schüssler and K. W. Axhausen (2014) Personalisation in multi-day GPS and accelerometer, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Montini, L., N. Rieser-Schüssler, A. Horni and K. W. Axhausen (2014) Trip Purpose Identification from GPS Tracks, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Moreira, J. M., A. Jorge, J. F. d. Sousa and C. Soares (2005) Trip time prediction in mass

transit companies. a machine learning approach., paper presented at the *10th Meeting of the Euro Working Group Transportation*, Poznan, September 2005.

Schirmer, P. M., C. Zöllig, K. Müller, B. R. Bodenmann and K. W. Axhausen (2011) The Zurich case study of UrbanSim, paper presented at the *51st Congress of the European Regional Science Association*, Barcelona, September 2011.

Mühlethaler, F. (2012) Potential of car-pooling in Switzerland, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Mühlich, N., V. V. Gayah and M. Menéndez (2015) An Examination of MFD Hysteresis Patterns for Hierarchical Urban Street Networks Using Micro-Simulation, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Müller, K. and K. W. Axhausen (2011) Hierarchical IPF: Generating a synthetic population for Switzerland, paper presented at the *51st Congress of the European Regional Science Association*, Barcelona, September 2011.

Müller, K. and K. W. Axhausen (2011) Population synthesis for microsimulation: State of the art, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Müller, K. and K. W. Axhausen (2014) Using survey calibration and statistical matching to reweight and distribute activity schedules, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Müller, K. and K. W. Axhausen (2012) Preparing the Swiss Public-Use Sample for generating a synthetic population of Switzerland, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Müller, K. and K. W. Axhausen (2012) Multi-level fitting algorithms for population synthesis, paper presented at the *1st European Symposium on Quantitative Methods in Transportation Systems*, Lausanne, September 2012.

Müller, K. and G. Flötteröd (2014) Population synthesis with regression trees, paper presented at the *3rd Symposium of the European Association for Research in Transportation*, Leeds, September 2014.

Munizaga, M. A., C. Palma and D. Fischer (2011) Estimation of disaggregate multimodal public transport OD matrix from passive SmartCard data from Santiago, Chile, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Nagae, T. and T. Akamatsu (2007) An efficient algorithm for maximin routing model for hazardous materials, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.



Nagel, K. and G. Flötteröd (2009) Agent-based traffic assignment: Going from trips to behavioral travelers, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Nakai, S. and R. Kitamura (2009) Stability of mixed logit parameter estimation, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Naghawi, H. and B. Wolshon (2011) Operation of multimodal transport systems during regional mass evacuations, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Ng, M. and S. T. Waller (2009) A dynamic route choice model in face of uncertain capacities, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Nicolai, T. and K. Nagel (2011) Investigating accessibility indicators for feedback from a travel to a land use model, paper presented at the *51st Congress of the European Regional Science Association*, Barcelona, September 2011.

Nielsen, O. A., C. Würtz and R. M. Jørgensen (2004) Improved map-matching algorithms for GPS-data - methodology and test on data from the AKTA roadpricing experiment in Copenhagen, paper presented at the *19th European Conference for ESRI Users*, Copenhagen, November 2004.

Nijkamp, P. (2009) Mobile telephone data and traffic management: Exploratory research, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Nijland, L., T. A. Arentze, A. W. J. Borgers and H. J. P. Timmermans (2006) Modelling complex activity-travel scheduling decisions: Procedure for the simultaneous estimation of activity generation and duration functions, paper presented at the *11th International Conference on Travel Behaviour Research (IATBR)*, Kyoto, August 2006.

Nikias, V., S. I. Guler and M. Menéndez (2016) Effects of bus operations on urban networks, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Oh, C., S. P. Hong and J. H. Park (2009) Analysis of driver behavior in response to variable message signs (VMS) using in-vehicle differential Global Positioning Systems (DGPS) data, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Ohmori, N., M. Nakazato, N. Harata, K. Sasaki and K. Nishii (2006) Activity diary surveys using GPS mobile phones and PDA, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Olaru, D. and B. Smith (2003) Modelling daily activity schedules with fuzzy logic, paper pre-

sented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Olaru, D. and B. Smith (2012) Life-cycle stages and residential location choice in the presence of latent preference heterogeneity, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Oliveira, M., P. Vovsha, J. Wolf and M. Mitchell (2014) Evaluating two methods for identifying trip purpose in GPS-based household travel surveys, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Orbe, C., T. Verma, M. Balac and F. Ciari (2015) Evaluating the effects of variable user demand on a round-trip, one-way, and free-floating car sharing fleet in the city of Zurich, Switzerland, paper presented at the *4th Symposium of the European Association for Research in Transportation*, Copenhagen, September 2015.

Ordóñez Medina, S. A. (2016) Inferring weekly primary activity patterns using public transport smart card data and a household travel survey, paper presented at the *14th World Conference on Transportation Research (WCTR 2016)*, Shanghai, July 2016.

Ordóñez Medina, S. A. (2015) Personalized multi-activity scheduling of flexible activities, paper presented at the *4th Symposium of the European Association for Research in Transportation*, Copenhagen, September 2015.

Ordóñez Medina, S. A. (2015) Recognizing personalized flexible activity patterns, paper presented at the *14th International Conference on Travel Behaviour Research (IATBR)*, Windsor, July 2015.

Ordóñez Medina, S. A. and A. L. Erath (2013) Estimating Dynamic Workplace Capacities using Public Transport Smart Card Data and a Household Travel Survey, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Ordóñez Medina, S. A., A. L. Erath and K. W. Axhausen (2012) Simulating urban transport for a week time horizon, paper presented at the *3rd Workshop on Time Use Observatory*, Santiago de Chile, March 2012.

Ordóñez Medina, S. A. and A. L. Erath (2012) Estimating dynamic workplace capacities using public transport smart card data, paper presented at the *17th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2012.

Ordóñez Medina, S. A. and A. L. Erath (2011) Semi-automatic tool for map-matching bus routes on high-resolution navigation networks, paper presented at the *16th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2011.

Ortigosa, J., N. Zheng, M. Menéndez and N. Geroliminis (2015) Analysis of 3D-vMFDs in the cities of Zurich and San Francisco, paper presented at the *18th IEEE International Conference*

on *Intelligent Transportation Systems (ITSC)*, Las Palmas de Gran Canaria, September 2015.

Ortigosa, J. and M. Menéndez (2014) Analyzing the shape of the Macroscopic Fundamental Diagram on grid urban networks for urban planning purposes, paper presented at the *20th Conference of the International Federation of Operational Research Societies*, Barcelona, July 2014.

Ortigosa, J., M. Menéndez and A.-K. Bodenbender (2012) Link removal on a grid street network, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Ortigosa, J. and M. Menéndez (2016) Traffic impacts of removing lanes on one-way grid networks, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Ortigosa, J., V. V. Gayah and M. Menéndez (2013) Study of urban grid configurations, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Ortigosa, J., S. Thomann, Q. Ge and M. Menéndez (2014) Dynamic properties of grid urban networks, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Ortigosa, J., N. Zheng, M. Menéndez and N. Geroliminis (2015) Analysis of space allocation strategies between buses and cars with the multimodal MFD, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Ortigosa, J., M. Menéndez and V. V. Gayah (2015) Analysis of the network exit functions for different urban grid network configurations, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Outwater, M., M. A. Bradley, N. Ferdous, C. R. Bhat, R. M. Pendyala, S. Hess, A. J. Daly and J. J. LaMondia (2015) Tour-Based National Model System to Forecast Long-Distance Passenger Travel in the United States, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Ouyang, L. Q. and W. H. K. Lam (2009) A combined location and travel choice model - an activity-based approach, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Oliveira, M., P. Vovsha, J. Wolf, Y. Birotker, D. Givon and J. Paasche (2011) GPS-assisted prompted recall household travel survey to support development of advanced travel model in Jerusalem, Israel, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Osorio, C. and M. Bierlaire (2009) A multi-model algorithm for the optimization of congested networks, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

Page, M., G. Whelan and A. J. Daly (2000) Modelling the factors which influence new car purchasing, paper presented at the *European Transport Conference*, Cambridge.

Pan, C., J. Lu, S. Di and B. Ran (2006) Cellular-Based Data-Extracting Method for Trip Distribution, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Pan, B., Y. Zheng, D. Wilkie and C. Shahabi (2013) Crowd Sensing of Traffic Anomalies based on Human Mobility and Social Media Categories and Subject Descriptors, paper presented at the *ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems 2013*, Orlando, November 2013.

Papinski, D., D. M. Scott and S. T. Doherty (2008) Exploring route choice decision-making process: Comparison of preplanned and observed routes obtained using person-based GPS, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Papinski, D. and D. M. Scott (2009) GIS toolkit design and application for route choice analysis: A comparison of observed routes and shortest paths, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Papinski, D. and D. M. Scott (2011) Modeling home-to-work route choice decisions using GPS data: A comparison of two approaches for generating choice sets, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Parker, J. S. and E. Vanderslice (2011) Pedestrian network analysis, paper presented at the *XII International Walk21 Conference on Walking and Liveable Communities*, Vancouver, October 2011.

Park, K., M. G. H. Bell, I. Kaparias and K. Bogenberger (2007) Adaptive route choice model for intelligent route guidance using a rule-based approach, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Park, K., M. G. H. Bell, I. Kaparias and H. Belzner (2008) Soft discretization in a classification model for modeling adaptive route choice with a Fuzzy ID3 algorithm, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Park, K., M. G. H. Bell, I. Kaparias and K. Bogenberger (2007) User modelling approach to adaptive route selection in intelligent vehicle navigation, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Pas, E. I. (1996) Recent advances in activity-based travel demand modeling, paper presented at the *Activity-Based Travel Forecasting Conference*, New Orleans, June 1996.

Pasquier, M., U. Hofman, F. H. Mende, M. May, D. Hecker and C. Körner (2008) Modelling and prospects of the audience measurement for outdoor advertising based on data collection using GPS devices (electronic passive measurement system), paper presented at the *8th*

*International Conference on Survey Methods in Transport*, Annecy, May 2008.

Pawlak, J., A. Sivakumar and J. W. Polak (2011) The consequences of the productive use of travel time: Revisiting the goods-leisure trade-off in the era of pervasive ICT, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Pearson, D. F. (2001) Global Positioning System (GPS) and travel surveys: Results from the 1997 Austin household survey, paper presented at the *8th Conference on the Application of Transportation Planning Methods*, Corpus Christi, April 2001.

Pel, A. J., M. C. J. Bliemer and S. P. Hoogendoorn (2009) Hybrid route choice modeling in dynamic traffic assignment, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Pendyala, R. M., R. Kitamura and A. Kikuchi (2004) FAMOS: The Florida activity mobility simulator, paper presented at the *Conference on Progress in Activity-Based Analysis*, Maastricht, May 2004.

Pendyala, R. M. and C. R. Bhat (2006) Validation and assessment of activity-based travel demand modeling systems, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, Austin, May 2006.

Penn, A. and A. Turner (2001) Space syntax based agent simulation, paper presented at the *1st International Conference on Pedestrian and Evacuation Dynamics*, Duisburg.

Pérez Zuriaga, A. M., A. García, F. J. Comancho Torregrosa and P. D'Attoma (2010) Use of GPS to model operating speed and deceleration on two-lane rural roads, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Pereira, F. C., C. D. Cottrill, M. Abou-Zeid, Y. Xiang, I. Dias, J. Santos, M. E. Ben-Akiva and J. A. Silva (2011) Integrated transportation activity-travel smartphone survey, paper presented at the *9th International Conference on Survey Methods in Transport*, Termas de Puyehue, November 2011.

Pillat, J., E. Mandir and M. Friedrich (2011) Dynamic choice set generation based on a combination of GPS trajectories and stated preference data, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Pitz, G. F. (1977) Decision making and cognition, paper presented at the *Decision Making and Change in Human Affairs*, Darmstadt, September 1977.

Poeck, M. and D. Zumkeller (1978) Simulation of the effects of energy shortage in shortage in regional transport systems, paper presented at the *Planning and Transport, Research and Computation (PTRC) Summer Meeting*, Warwick, July 1978.

Polak, J. W., S. Hess and X. Liu (2008) Characterizing heterogeneity in attitudes to risk in expected utility models of mode and departure time choice, paper presented at the *87th Annual*

*Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Poletti, F., P. A. Fuchs and P. M. Bösch (2016) The influence of railroad crossings on networks in the MATSim environment, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Prato, C. G. and S. Bekhor (2006) Applying branch & bound technique to route choice set generation, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Prato, C. G. and S. Bekhor (2007) Modeling route choice behavior: How relevant is the choice set composition?, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Pritchard, D. R. and E. J. Miller (2009) Advances in agent population synthesis and application in an integrated land use and transportation model, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Prost, S., J. Schrammel, K. Röderer and M. Tscheligi (2013) Contextualise! personalise! persuade!: a mobile hci framework for behaviour change support systems, paper presented at the *MobileHCI '13*, 510–515, Munich, August 2013.

Pursula, M. and J. Kurri (1996) Value of time research in Finland, paper presented at the *Value of Time Seminar*, October 1996.

Puzicha, J., T. Hofman and J. M. Buhmann (1997) Non-parametric similarity measures for unsupervised texture segmentation and image retrieval, paper presented at the *Conference on Computer Vision and Pattern Recognition*, 267–272, San Juan, June 1997.

Pyo, J.-S., D.-H. Shin and T.-K. Sung (2001) Development of a map matching method using the multiple hypothesis technique, paper presented at the *Intelligent Transportation Systems Conference (ITSC)*, Oakland, August 2001.

Quddus, M. A., W. Y. Ochieng and R. B. Noland (2007) Current map matching algorithms for transport applications: State-of-the-art and future research directions, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Rahoual, M. and R. Saad (2006) Solving timetabling problems by hybridizing genetic algorithms and tabu search, paper presented at the *6th International Conference on the Practice and Theory of Automated Timetabling*, Brno, August 2006.

Rai, R. K., M. Balmer, M. Rieser, V. S. Vaze, S. Schönfelder and K. W. Axhausen (2007) Capturing human activity spaces: New geometries, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Rajagopalan, B. S., A. R. Pinjari and C. R. Bhat (2009) A comprehensive model of workers' non-work activity time-use and timing behavior, paper presented at the *88th Annual Meeting*

*of the Transportation Research Board*, Washington, D.C., January 2009.

Raney, B., M. Balmer, K. W. Axhausen and K. Nagel (2003) Agent-based activities planning for an iterative traffic simulation of Switzerland, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Raney, B. and K. Nagel (2003) Truly agent-based strategy selection for transportation simulations, paper presented at the *82nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2003.

Raney, B. and K. Nagel (2005) An improved framework for large-scale multi-agent simulations of travel behavior, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Rao, A. S. and M. P. Georgeff (1995) BDI agents: From theory to practice, paper presented at the *1st International Conference on Multi-Agent Systems*, San Francisco, June 1995.

Rashidi, T. H. and A. K. Mohammadian (2010) Behavioral housing search choice set formation: A hazard-based screening model of property value and work distance, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Raux, C., T.-Y. Ma and E. Cornélis (2012) Variability and anchoring points in weekly activity-travel patterns, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Raveau, S., Z. Guo, J. C. Muñoz and N. H. M. Wilson (2012) Route choice modelling on metro networks: A comparison between Santiago and London, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Rich, J., S. L. Mabit and O. A. Nielsen (2007) Route choice model for Copenhagen: A data-driven choice set generation approach based on GPS data, paper presented at the *6th Triennial Symposium on Transportation Analysis (TRISTAN)*, Phuket Island, June 2007.

Rieser, M., K. Nagel, U. Beuck, M. Balmer and J. Rümenapp (2007) Truly agent-oriented coupling of an activity-based demand generation with a multi-agent traffic simulation, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Rieser, M., D. Grether and K. Nagel (2009) Adding mode choice to a multi-agent transport simulation, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Rieser, M. and K. Nagel (2007) Network breakdown “at the edge of chaos” in multi-agent traffic simulations, paper presented at the *European Conference on Complex Systems*, Dresden, October 2007.

Rieser, M. and K. Nagel (2009) Combined agent-based simulation of private car traffic and transit, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Rieser, M., U. Beuck, M. Balmer and K. Nagel (2008) Modelling and simulation of a morning reaction to an evening toll, paper presented at the *Innovations in Travel Modeling (ITM'08)*, Portland, June 2008.

Rieser-Schüssler, N., M. Balmer and K. W. Axhausen (2010) Route choice sets for very high-resolution data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Rieser-Schüssler, N. and K. W. Axhausen (2011) Combining GPS travel diaries with psychometric scales, paper presented at the *9th International Conference on Survey Methods in Transport*, Termas de Puyehue, November 2011.

Rieser-Schüssler, N. and K. W. Axhausen (2010) Investigating the influence of environmentalism and variety-seeking on mode choice, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Rieser-Schüssler, N. and K. W. Axhausen (2013) Identifying chosen public transport connections from GPS observations, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Rieser-Schüssler, N., L. Montini, M. Rieser and K. W. Axhausen (2012) Preparations for estimating the influence of attitudes on public transport connection choice, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Rieser-Schüssler, N., L. Montini and C. Dobler (2011) Improving automatic post-processing routines for GPS observations using prompted-recall data, paper presented at the *9th International Conference on Survey Methods in Transport*, Termas de Puyehue, November 2011.

Rindsfuser, G., H. Mühlhans, S. T. Doherty and K. J. Beckmann (2003) Tracing the planning and executing attributes of activities and travel: Design and application of a hand-held scheduling proves survey, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

Robinson, D., F. Haldi, P. Leroux, D. Perez, U. Wilke and A. Rasheed (2009) CitySim: comprehensive micro-simulation of Resource Flows for sustainable urban Planning, paper presented at the *Eleventh International IBPSA Conference*, Glasgow, July 2009.

Robins, G. and A. Zelikovski (2000) Improved steiner tree approximation in graphs, paper presented at the *11th annual ACM-SIAM symposium on Discrete algorithms (SODA)*, San Francisco, January 2000.

Roca-Riu, M., Q. Ge and M. Menéndez (2015) Methodology for generating extreme traffic demand patterns with optimization techniques, paper presented at the *15th Swiss Transport*



*Research Conference*, Ascona, April 2015.

Rodrigues, F., F. C. Pereira, A. Alves, S. Jiang and J. Ferreira (2012) Automatic classification of points-of-interest for land-use analysis, paper presented at the *4th International Conference on Advanced Geographic Information Systems, Applications, and Services (GEOProcessing 2012)*, Valencia, January 2012.

Rolle, S. S., A. K. Lo, J. A. Yenerich, C. A. Danne and N. Longo (2007) Lessons learned from large-scale application of traffic analysis and simulation models in downtown Seattle, Washington, paper presented at the *ITE 2007 Annual Meeting and Exhibit*, Pittsburgh PA, August 2007.

Roorda, M. J. and E. J. Miller (2004) Strategies for resolving activity scheduling conflicts: An empirical analysis, paper presented at the *EIRASS Conference in Advances in Activity Based Approaches*, Maastricht, May 2004.

Roorda, M. J., E. J. Miller and N. Kruchten (2006) Incorporating within-household interactions into mode choice model using genetic algorithm for parameter estimation, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Roorda, M. J., E. J. Miller and K. M. N. Habib (2007) Validation of TASHA: A 24-hour activity scheduling microsimulation model, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Rossetti, R. J. F., R. Liu, H. B. B. Cybis and S. Bampi (2002) A multi-agent demand model, paper presented at the *13th Mini-Euro Conference and 9th Meeting of the Euro Working Group Transportation*, Bari, June 2002.

Rothenfluh, M. and M. Menéndez (2015) A Network Safety Management (NSM) tool for improving traffic safety in Zurich, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Rothenfluh, M. and M. Menéndez (2016) Application of a Network Safety Management Tool in Urban Areas: Zurich Case Study, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Rudloff, C. and M. Ray (2010) Detecting travel modes and profiling commuter habits solely based on GPS data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Saadi, I., H. Eftekhari, A. Mustafa, J. Teller and M. Cools (2014) An agent-based microsimulation framework to assess the impact of river floods on transportation systems: implementation trajectory for an assessment in the brussels metropolitan area, paper presented at the *International Conference for Traffic and Transport Engineering*, 489–495, Belgrade, November 2014.

Sabina, E. E., G. D. Erhardt, T. F. Rossi and J. Coil (2006) Processing the Denver travel survey to support tour-based modeling: Methods, data, and lessons learned, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, 49–53, Austin, May 2006.

Saeednia, M., G. Taghizadeh and M. Menéndez (2015) Artificial immune systems for bus priority problem, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Safi, H., B. Assemi, M. Mesbah, L. Ferreira and M. D. Hickman (2015) Design and implementation of a smartphone-based system for personal travel survey: Case study from new zealand, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Sagebiel, J. (2011) Comparing the Latent Class Model with the Random Parameters Logit - a choice experiment analysis of highly heterogeneous electricity consumers in Hyderabad, India, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Sala, A., L. Cao, C. Wilson, R. Zablit, H. Zheng and B. Y. Zhao (2010) Measurement-calibrated graph models for social network experiments, paper presented at the *19th International Conference on World Wide Web*, Raleigh, April 2010.

Sanders, P. and D. Schultes (2007) Engineering fast route planning algorithms, paper presented at the *Experimental Algorithms: 6th International Workshop, WEA 2007*, vol. 4525 of *Lecture Notes in Computer Science*, 23–36.

Sarlas, G. and K. W. Axhausen (2014) Towards a direct demand modeling approach, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Sarlas, G., R. Fuhrer and K. W. Axhausen (2015) Quantifying the agglomeration effects of Swiss public transport between 2000 and 2010, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.

Sarlas, G. and K. W. Axhausen (2015) Localized speed prediction with the use of spatial simultaneous autoregressive models, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Sarlas, G. and K. W. Axhausen (2016) Exploring spatial methods for prediction of traffic volumes, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Scherer, M. (2010) Is light rail more attractive to users than bus rapid transit? Arguments based on cognition and rational choice, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Schirmer, P. M. (2010) Options and constraints of a parcel based approach in 'UrbanSimE', paper presented at the *10th Swiss Transport Research Conference*, Ascona, September 2010.

Schirmer, P. M. (2011) Location choice in the greater Zurich area, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Schirmer, P. M. and K. W. Axhausen (2014) A multiscale classification of the urban morphology, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.

Schirmer, P. M., M. A. B. van Eggermond and K. W. Axhausen (2012) Reviewing measurements in residential location choice models, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Schirmer, P. M., M. A. B. van Eggermond and K. W. Axhausen (2013) Measuring Location in Residential Location Choice: An Empirical Study on the Canton of Zurich, paper presented at the *13th International Conference on Computers in Urban Planning and Urban Management (CUPUM)*, Utrecht, July 2013.

Schirmer, P. M., C. Zöllig Renner, K. Müller, B. R. Bodenmann and K. W. Axhausen (2013) LandUse Simulation on the Canton of Zurich – Final, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Schirmer, P. M. and N. Kawagishi (2011) Using shape grammars as a rule based approach in urban planning – a report on practice, paper presented at the *29th eCAADe Conference*, Ljubljana, September 2011.

Schlaich, J. (2010) Analyses of route choice behavior using mobile phone trajectories, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Schlaich, J., T. Otterstätter and M. Friedrich (2010) Generating trajectories from mobile phone data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Schleiffer, R. (2000) Traffic itself is simple - just analyzing it is not, paper presented at the *Hawaii International Conference on System Sciences*, Maui, January 2000.

Schiffer, R. G. and T. F. Rossi (2009) New calibration and validation standards for travel demand modeling, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Schlich, R. (2001) Analysing intrapersonal variability of travel behaviour using the Sequence Alignment Method, paper presented at the *European Transport Conference*, Cambridge.

Schlich, R. (2001) Measurement issues in identifying variability in travel behaviour, paper presented at the *1st Swiss Transport Research Conference*, Ascona, March 2001.

Schmid, B. and K. W. Axhausen (2015) Post-Car World: Survey Methods and Response Behavior in the Pre-Test, paper presented at the *15th Swiss Transport Research Conference*, Ascona,

April 2015.

Schmid, B., S. Schmutz and K. W. Axhausen (2016) Exploring the choice between in-store and online shopping, paper presented at the *23rd International Conference on Recent Advances In Retailing And Services Science*, Edinburgh, July 2016.

Schmid, B., S. Schmutz and K. W. Axhausen (2016) Post-car world: Exploring the choice between in-store and online shopping, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Schmid, B., S. Schmutz and K. W. Axhausen (2016) Explaining mode choice, taste heterogeneity, and cost sensitivity in a post-car world, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.

Schneider, R. J., K. Shafizadeh and S. L. Handy (2014) Method to adjust institute of transportation engineers vehicle trip-generation estimates in smart-growth areas, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.

Schönfelder, S. and K. W. Axhausen (2009) Travel as a function of (life) projects, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2009.

Schönfelder, S., H. Li, R. Guensler, J. Ogle and K. W. Axhausen (2006) Analysis of commute Atlanta instrumented vehicle GPS data: Destination choice behavior and activity spaces, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Schönfelder, S. and U. Samaga (2003) Where do you want to go today? - More observations on daily mobility, paper presented at the *3rd Swiss Transport Research Conference*, Ascona, March 2003.

Schreiber, A., A. Loder and K. W. Axhausen (2016) Urban mode and subscription choice – An application of the three-dimensional MFD, paper presented at the *16th Swiss Transport Research Conference*, Ascona, April 2016.

Schüssler, N. and K. W. Axhausen (2009) Accounting for route overlap in urban and suburban route choice decisions derived from GPS observations, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Schüssler, N. and K. W. Axhausen (2008) Identifying trips and activities and their characteristics from GPS raw data without further information, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Schüssler, N. and K. W. Axhausen (2007) Recent developments regarding similarities in transport modelling, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

Schüssler, N. and K. W. Axhausen (2009) Accounting for similarities in destination choice mo-

delling: A concept, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Schüssler, N. and K. W. Axhausen (2009) Processing GPS raw data without additional information, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Schüssler, N., M. Balmer and K. W. Axhausen (2010) Route choice sets for very high-resolution data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Schnittger, S. and D. Zumkeller (2004) Longitudinal microsimulation as a tool to merge transport planning and traffic engineering models - the MobiTopp model, paper presented at the *European Transport Conference*, Strasbourg, October 2004.

Scott, K. A., G. Pabón-Jiménez and D. H. Bernstein (1997) Finding alternatives to the best path, paper presented at the *76th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 1997.

Scott, D. M. (2006) Constrained destination choice set generation: A comparison of GIS-based approaches, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Sener, I. N., N. Eluru and C. R. Bhat (2009) An analysis of bicyclists and bicycling characteristics: Who, why, and how much are they bicycling?, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Sevtsuk, A., R. Kalvo and O. Ekmekci (2014) The perfect grid, paper presented at the *International Conference on Public Space and Placemaking*, Buenos Aires, September 2014.

Sghaier, M., H. Zgaya, S. Hammadi and C. Tahon (2010) A distributed dijkstra's algorithm for the implementation of a real time carpooling service with an optimized aspect on siblings, paper presented at the *Intelligent Transportation Systems Conference (ITSC)*, Madeira, September 2010.

Smith, L., R. J. Beckman, D. Anson, K. Nagel and M. E. Williams (1995) TRANSIMS: TRAnspOrtation ANalysis and SIMulation System, paper presented at the *5th TRB National Transportation Planning Methods Applications Conference*, Seattle, April 1995.

Soriguera, F., I. Martínez and M. Menéndez (2015) Experimenting with dynamic speed limits on freeways, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Spissu, E., A. R. Pinjari, R. M. Pendyala and C. R. Bhat (2009) A copula-based joint multinomial discrete-continuous model of vehicle choice an miles of travel, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Srinivasan, S. and L. Ma (2009) Synthetic population generation: A heuristic data-fitting approach and validations, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Srinivasan, S. and C. R. Bhat (2006) Companionship for leisure activities: an empirical analysis using the american time use survey, paper presented at the *Innovations in Travel Demand Modeling (ITM'06)*, 129 – 136, Austin, May 2006.

Stahel, A., F. Ciari and K. W. Axhausen (2014) Modeling impacts of weather conditions in agent-based transport microsimulations, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Stempfel, J., S. I. Guler, M. Menéndez and W. M. Brucks (2014) Effects of traffic conditions on safety of urban networks, paper presented at the *93rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2014.

Stenneth, L., O. Wolfson, P. S. Yu and B. Xu (2011) Transportation mode detection using mobile phones and GIS information, paper presented at the *19th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems*, Chicago, November 2011.

Stinson, M. A. and C. R. Bhat (2005) A comparison of the route preferences of experienced and inexperienced bicycle commuters, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Stopher, P. R. and A. Collins (2005) Conducting a GPS prompted recall survey over the internet, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Stopher, P. R. (2008) Collecting and processing data from mobile technologies, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Stopher, P. R. (2008) The travel survey toolkit: Where to from here?, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Stopher, P. R., K. Kockelman, S. Greaves and E. Clifford (2008) Sample size requirements for multi-day travel surveys: Some findings, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Stopher, P. R., J. Zhang and C. Prasad (2011) Evaluating and improving software for identifying trips, occupancy, mode and purpose from GPS traces, paper presented at the *9th International Conference on Survey Methods in Transport*, Termas de Puyehue, November 2011.

Stopher, P. R., Q. Jiang and C. FitzGerald (2005) Processing GPS data from travel surveys, paper presented at the *2nd International Colloquium on the Behavioural Foundations of Integrated Land-use and Transportation Models: Frameworks, Models and Applications*, Toronto, June 2005.

Stopher, P. R., Q. Jiang and C. FitzGerald (2007) Deducing mode and purpose from GPS data, paper presented at the *11th TRB National Transportation Planning Applications Conference*, Daytona Beach, May 2007.

Stopher, P. R., K. Kockelman, S. Greaves and E. Clifford (2008) Reducing burden and sample sizes in multi-day household travel surveys, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Stopher, P. R. and L. Shen (2011) An in-depth comparison of GPS and diary records, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Stopher, P. R. and N. Speisser (2011) Evaluation of GPS device properties for a possible use in future household travel surveys, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Sudret, B. (2012) Meta-models for structural reliability and uncertainty quantification, paper presented at the *5th Asian-Pacific Symposium on Structural Reliability and its Applications*, Singapore, May 2012.

Sun, Z., T. A. Arentze and H. J. P. Timmermans (2009) A heterogeneous latent class model of activity rescheduling, route choice and information acquisition decisions under multiple uncertain events, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Sun, L. and A. L. Erath (2015) A Bayesian network approach for population synthesis, paper presented at the *4th Symposium of the European Association for Research in Transportation*, Copenhagen, September 2015.

Sun, L., Y. Lu and D.-H. Lee (2015) Understanding the structure of urban bus networks: the C-space representation approach, paper presented at the *15th COTA International Conference of Transportation Professionals*, Beijing, July 2015.

Sun, L., D.-H. Lee, A. L. Erath and X. Huang (2012) Using smart card data to extract passenger's spatio-temporal density and train's trajectory of MRT system, paper presented at the *Future Cities Laboratory conference 2012*, Zurich, September 2012.

Sun, L., J. G. Jin, D.-H. Lee and K. W. Axhausen (2015) Characterizing multimodal transfer time using smart card data: the effect of time, passenger age, crowdedness and collective pressure, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Sun, L., J. G. Jin, D.-H. Lee and K. W. Axhausen (2015) Characterizing travel time reliability and passenger path choice in a metro network, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Sun, L., D.-H. Lee, A. L. Erath and X. Huang (2012) Using smart card data to extract passen-

ger's spatio-temporal density and train's trajectory of mrt system, paper presented at the *ACM SIGKDD International Workshop on Urban Computing*, Beijing, August 2012.

Sun, L. and J. G. Jin (2015) Modeling temporal flow assignment in metro networks using smart card data, paper presented at the *18th IEEE International Conference on Intelligent Transportation Systems (ITSC)*, Las Palmas de Gran Canaria, September 2015.

Sumalee, A., P. Luatthep, H. Hung-Wai and F. Kuraruchi (2010) Sensitivity analysis based approach for vulnerability of large-scale road network, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

Tan, T. (2012) Social networks geographies of Singaporeans, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Targa, F. and K. J. Clifton (2004) Integrating social and psychological processes into the land use-travel behavior research agenda: Theories, concepts and empirical study design, paper presented at the *7th International Conference on Survey Methods in Transport*, Costa Rica, August 2004.

Tarnoff, P. J., J. S. Wasson, S. E. Young, N. Ganig, D. Bullock and J. R. Sturdevant (2009) The continuing evolution of travel time data information collection and processing, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Taubenböck, H. and A. Roth (2007) A transferable and stable object oriented classification approach in various urban areas and various high resolution sensors, paper presented at the *Urban Remote Sensing Joint Event 2007*, Paris, April 2007.

Taylor, M. A. P. (2007) Using accessibility metrics for road network vulnerability analysis and the identification of critical infrastructure locations, paper presented at the *3rd International Symposium on Transportation Network Reliability*, Delft, July 2007.

Teknomo, K. (2008) Modeling mobile traffic agents on network simulation, paper presented at the *16th Annual Conference of the Transportation Science Society of the Philippines (TSSP)*, Metro Manila, Philippines, September 2008.

Theodoridou, S., S. I. Guler and M. Menéndez (2014) An Analytical Approach for Modeling Tolloed Bus Lanes, paper presented at the *11th International Congress on Advances in Civil Engineering*, Istanbul, October 2014.

Theodoridou, S., S. I. Guler and M. Menéndez (2014) An Analytical Approach for Modeling Tolloed Bus Lanes, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Timmermans, H. J. P. (2003) Recent and expected direction in modelling transportation, paper presented at the *22nd Annual Southern African Transport Conference*, Pretoria, July 2003.



Timmermans, H. J. P., T. A. Arentze, M. Dijst, E. R. Dugundji, C.-H. Joh, L. Kapoen, S. Krijgsman, K. Maat and J. Veldhuisen (2002) Amadeus: A framework for developing a dynamic multiagent, multi-period, activity-based micro-simulation model of travel demand, paper presented at the *81st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2002.

Timmermans, H. J. P., T. A. Arentze and D. F. Ettema (2003) Learning and adaptation behaviour: Empirical evidence and modelling issues, paper presented at the *Euro-Conference Workshop on Behavioral Responses to ITS*, Eindhoven, April 2003.

Tsui, S. Y. A. and A. Shalaby (2006) An enhanced system for link and mode identification for GPS-based personal travel surveys, paper presented at the *85th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2006.

Tsuchiya, S., T. Yoshida, H. Tatano and M. Hatayama (2010) A framework for estimating highway network disruption losses due to traffic congestion from disaster, paper presented at the *1st Annual Conference of the International Society of Integrated Disaster Risk Management (IDRim)*, Vienna, September 2010.

Tudela, A., K. M. N. Habib, J. A. Carrasco and A. O. Osman (2011) Incorporating the explicit role of psychological factors on mode choice: A hybrid mode choice model by using data from an innovative psychometric survey, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Tyagunov, S., P. Heneka, L. Stempniewski, J. Zschau, B. Ruck and C. Kottmeier (2005) CEDIM: From multi-hazards to multi-risks, paper presented at the *1st Applied Multi-Risk Mapping of Natural Hazards for Impact Assessment Conference*, Barcelona, December 2005.

van den Berg, P., T. A. Arentze and H. J. P. Timmermans (2009) Size and composition of ego-centered social networks and their effect on travel distance and contact frequency, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

van den Berg, P., T. A. Arentze and H. J. P. Timmermans (2011) A latent class accelerated hazard model of social activity duration, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

van den Berg, P., T. A. Arentze and H. J. P. Timmermans (2008) Social networks, ict use and activity-travel patterns, paper presented at the *9th Design and Decision Support Systems Conference*, Eindhoven, July 2008.

van der Waerden, P., H. J. P. Timmermans and A. W. J. Borgers (2003) The influence of key events and critical incidents on transport mode choice switching behavior: a descriptive analysis, paper presented at the *10th International Conference on Travel Behaviour Research (IATBR)*, Lucerne, August 2003.

van der Waerden, P., A. W. J. Borgers and H. J. P. Timmermans (2009) Consumer response

to the introduction of paid parking in a regional shopping center, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

van Eggermond, M. A. B. and A. L. Erath (2014) Pedestrian and transit accessibility on a micro level: results and challenges, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.

van Eggermond, M. A. B., H. Chen, A. L. Erath and M. Cebrian (2015) Investigating the potential of social network data for transport demand models, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

Vanegas, C. A., D. G. Aliaga and B. Benes (2010) Building reconstruction using manhattan-world grammars, paper presented at the *23th IEEE Computer Vision and Pattern Recognition*, San Francisco, June 2010.

van Eggermond, M. A. B. and A. L. Erath (2014) Pedestrian and transit accessibility on a micro-level: results and challenges, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.

van Eggermond, M. A. B., N. Schüssler and K. W. Axhausen (2007) Consumer choice behavior and strategies of air transportation providers, paper presented at the *7th Swiss Transport Research Conference*, Ascona, September 2007.

van Eggermond, M. A. B., M. Lehner and A. L. Erath (2011) Modeling hedonic prices in Singapore, paper presented at the *16th international conference of Hong Kong Society for Transportation Studies*, Hong Kong, December 2011.

van Eggermond, M. A. B., A. L. Erath and K. W. Axhausen (2012) Object-fine choice models for long-term decisions: Which level of granularity is necessary?, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

van Eggermond, M. A. B., A. L. Erath and K. W. Axhausen (2012) Vehicle ownership in Singapore using revealed-preference data and spatial variables, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

van Eggermond, M. A. B., H. Chen, A. L. Erath and M. Cebrian (2015) Investigating the potential of social network data for transport demand models, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.

van Eggermond, M. A. B. and A. L. Erath (2013) Accessibility on a micro-level: a closer look at pedestrian routing and network generation, paper presented at the *10th International Conference of Eastern Asia Society for Transportation Studies*, Taipei, September 2013.

Vaughn, K. M., P. Speckman and E. I. Pas (1997) Generating household activity-travel patterns (HATPs) for synthetic populations, paper presented at the *76th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 1997.

Vickrey, W. S. (1973) Pricing, metering, and efficiently using urban transportation facilities, paper presented at the *52nd Annual Meeting of the Highway Research Board*, Washington, D.C., January 1973.

Vij, A., A. Carrel and J. L. Walker (2011) Capturing modality styles using behavioral mixture models and longitudinal data, paper presented at the *2nd International Choice Modelling Conference*, Leeds, July 2011.

Vitins, B. J. and K. W. Axhausen (2012) Shape grammars for road transport network design - the role of intersection types, paper presented at the *12th Design and Decision Support Systems Conference*, Eindhoven, August 2012.

Vitins, B. J. and K. W. Axhausen (2012) Shape grammars for intersections in urban network design, paper presented at the *1st European Symposium on Quantitative Methods in Transportation Systems*, Lausanne, September 2012.

Vitins, B. J. and K. W. Axhausen (2012) Shape grammars for intersection type choice in road network generation, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Vitins, B. J. and K. W. Axhausen (2013) Adaptive Network Design versus Rigid Patterns – Can We Do Better than a Grid?, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Vitins, B. J. and K. W. Axhausen (2014) Shape grammars in transport and urban design, paper presented at the *World Symposium on Transport and Land Use Research*, Delft, June 2014.

Vitins, B. J., N. Schüssler and K. W. Axhausen (2011) Comparison of hierarchical network design shape grammars for roads and intersections, paper presented at the *European Transport Conference*, Glasgow, October 2011.

Vitins, B. J. and K. W. Axhausen (2010) Patterns and grammars for transport network generation, paper presented at the *10th Swiss Transport Research Conference*, Ascona, September 2010.

Vitins, B. J., N. Schüssler and K. W. Axhausen (2011) Shape grammars for hierarchical transport network design, paper presented at the *11th Swiss Transport Research Conference*, Ascona, May 2011.

Vitins, B. J., N. Schüssler and K. W. Axhausen (2012) Comparison of hierarchical network design shape grammars for roads and intersections, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Vitins, B. J., I. Garcia-Dorado, C. A. Vanegas, D. G. Aliaga and K. W. Axhausen (2013) Evaluation of shape grammar rules for urban transport network design, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Vovsha, P., M. A. Bradley and J. L. Bowman (2004) Activity-based travel forecasting models in the united states: Progress since 1995 and prospects for the future, paper presented at the *EIRASS Conference in Advances in Activity Based Approaches*, Maastricht, May 2004.

Vovsha, P., E. Petersen and R. Donnelly (2004) Impact of intra-household interaction on individual daily activity-travel patterns, paper presented at the *83rd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2004.

Vovsha, P., S. Gupta, J. Freedman, W. Sun and V. Livshits (2012) Workplace choice model: Comparison of spatial patterns of commuting in four metropolitan regions, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Vovsha, P. and E. Petersen (2005) Escorting children to school: Statistical analysis and applied modeling approach, paper presented at the *84th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2005.

Vovsha, P. and E. Petersen (2009) A model for person and household mobility attributes, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Vrtic, M., D. Lohse, P. Fröhlich, C. Schiller, N. Schüssler, H. Teichert and K. W. Axhausen (2005) A simultaneous two-dimensionally constraint disaggregate trip generation, distribution and mode choice model: Theory and application for a Swiss national model, paper presented at the *45th Congress of the European Regional Science Association*, Amsterdam, August 2005.

Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (2007) Route, mode and departure time choice behaviour in the presence of mobility pricing, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (2007) Design elements of road pricing schemes and their acceptability, paper presented at the *86th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2007.

Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (2007) The impacts of mobility pricing on route and mode choice behaviour, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Vrtic, M., N. Schüssler, A. L. Erath and K. W. Axhausen (2007) Design elements of road pricing schemes and their acceptability, paper presented at the *11th World Conference on Transportation Research*, Berkeley, June 2007.

Waddell, P. A. (1998) An Urban Simulation Model for Integrated Policy Analysis and Planning: Residential Location and Housing Market Components of UrbanSim, paper presented at the *8th World Conference on Transportation Research*, Antwerp, July 1998.

Waddell, P. A., H. S. Sevciková, D. Socha, E. J. Miller and K. Nagel (2005) OPUS: An in-

ternational collaboration to develop an open platform for urban simulation, paper presented at the *9th Conference on Computers in Urban Planning and Urban Management (CUPUM)*, London, June 2005.

Wahba, M. and A. Shalaby (2009) Learning-based departure time and path choice modelling for transit assignment under information provision: A theoretical framework, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Wahba, M. and A. Shalaby (2009) Large-scale application of MILATRAS: Case study of the Toronto transit network, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Wang, J., WangDianghai, X. Song and D. Sun (2011) Dynamic od expansion method based on mobile phone location, paper presented at the *Fourth International Conference on Intelligent Computation Technology and Automation*, Shenzhen, March 2011.

Wang, J., L. Zhang, Q. Rao and W. Yang (2013) Large-scale agent-based transport simulation in shanghai, china, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Wang, Q. and J. Holguin-Veras (2008) Tour-based entropy maximization formulations of urban commercial vehicle movements, paper presented at the *European Transport Conference*, Leeuwenhorst, October 2008.

Wang, W., J. Jin, B. Ran and X. Guo (2010) An integrated map matching algorithm for GPS-based freeway network traffic monitoring, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Waraich, R. A. and K. W. Axhausen (2013) Integration of optimal charging locations into a transportation energy simulation framework, paper presented at the *8th Conference on Sustainable Development of Energy, Water and Environment Systems*, Dubrovnik, September 2013.

Waraich, R. A., D. Charypar, M. Balmer and K. W. Axhausen (2009) Performance improvements for large scale traffic simulation in MATSim, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Waraich, R. A., C. Dobler and K. W. Axhausen (2013) Simulating Parking Search, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Waraich, R. A., M. D. Galus, C. Dobler, M. Balmer, G. Andersson and K. W. Axhausen (2009) Plug-in hybrid electric vehicles and smart grid: Investigations based on a micro-simulation, paper presented at the *12th International Conference on Travel Behaviour Research (IATBR)*, Jaipur, December 2009.

Waraich, R. A., C. Dobler and K. W. Axhausen (2012) Modelling parking search behaviour

with an agent-based approach, paper presented at the *13th International Conference on Travel Behaviour Research (IATBR)*, Toronto, July 2012.

Waraich, R. A. and K. W. Axhausen (2012) An agent-based parking choice model, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Waraich, R. A., C. Dobler, C. Weis and K. W. Axhausen (2013) Optimizing parking prices using an agent based approach, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Wei, L.-Y., Y. Zheng and W.-C. Peng (2012) Constructing popular routes from uncertain trajectories, paper presented at the *18th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD '12)*, Beijing, August 2012.

Weis, C. (2009) Fuel price and rail usage, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Weis, C., M. Vrtic, P. Widmer and K. W. Axhausen (2012) Influence of parking on location and mode choice: A stated choice survey, paper presented at the *91st Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2012.

Weis, C., C. Dobler and K. W. Axhausen (2010) Stated adaptation survey of activity scheduling reactions to changing travel conditions: Field work and preliminary results, paper presented at the *12th World Conference on Transportation Research*, Lisbon, July 2010.

White, C. E. and G. G. Yen (2004) A hybrid evolutionary algorithm for traveling salesman problem, paper presented at the *Congress on Evolutionary Computation*, Portland, June 2004.

Wilson, C., A. S. Harvey and J. Thompson (2005) ClustalG: Software for analysis of activities and sequential events, paper presented at the *Workshop on Sequence Alignment Methods*, Halifax, October 2005.

Wismans, L., R. van den Brink, L. Brederode, K. Zantema and E. van Berkum (2013) Comparison of estimation of emissions based on static and dynamic traffic assignment models, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.

Wolf, J. (2004) Applications of new technologies in travel surveys, paper presented at the *7th International Conference on Survey Methods in Transport*, Costa Rica, August 2004.

Wolf, J., R. Guensler, L. Frank and J. Ogle (2000) The use of electronic travel diaries and vehicle instrumentation packages in the year 2000 Atlanta Regional Household Travel Survey: Test results, package configurations, and deployment plans, paper presented at the *9th International Conference on Travel Behaviour Research (IATBR)*, Gold Coast, June 2000.

Wolf, J., M. Löchl, J. Myers and C. Arce (2001) Applications of new technologies in travel

surveys, paper presented at the *6th International Conference on Survey Methods in Transport*, Kruger Park.

Wolf, J., R. Guensler and W. Bachman (2001) Elimination of the travel diary: An experiment to derive trip purpose from GPS travel data, paper presented at the *80th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2001.

Wolf, J., M. Oliveira and M. Thompson (2003) The impact of trip underreporting on vmt and travel time estimates: Preliminary findings from the california statewide household travel survey gps study, paper presented at the *82nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2003.

Wolf, J. and M. Lee (2008) Synthesis of and statistics for recent GPS-enhanced travel surveys, paper presented at the *8th International Conference on Survey Methods in Transport*, Annecy, May 2008.

Wolf, J. and M. Oliveira (2008) Metropolitan Washington, D.C., household travel survey Global Positioning System pretest: Results and applications for large-scale regional survey, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Wong, S. K., K. W. Chau, Y. Yau and A. K. C. Cheung (2005) Property price, floor level, and building density, paper presented at the *6th International Conference on Tall Buildings*, December 2005.

Wu, N. and W. Brilon (1997) Cellular automata for highway traffic flow simulation, paper presented at the *14th International Symposium on Transportation and Traffic Theory (ISTTT)*, Jerusalem, July 1997.

Xu, Y. and R. Guensler (2011) Effective GPS-based panel survey sample size analysis for before-and-after studies using generalized estimating equation method, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Xiao, Y., D. Low, T. Bandara, P. Pathak, H. B. Lim, D. Goyal, J. Santos, F. C. Pereira, C. Zengras and M. E. Ben-Akiva (2012) Transportation activity analysis using smartphones, paper presented at the *Consumer Communications and Networking Conference*, Las Vegas, January 2012.

Yamagata, Y., D. Murakami, K. Minami, N. Arizumi, S. Kuroda, T. Tanjo and H. Maruyama (2015) A comparative study of clustering algorithms for electricity self-sufficient community extraction, paper presented at the *7th International Conference on Applied Energy*, Abu Dhabi, March 2015.

Yang, K., S. I. Guler and M. Menéndez (2015) A transit signal priority algorithm under connected vehicle environment, paper presented at the *18th IEEE International Conference on Intelligent Transportation Systems (ITSC)*, Las Palmas de Gran Canaria, September 2015.

- Yang, K., S. I. Guler and M. Menéndez (2015) A signal control strategy using connected vehicles and loop detector information, paper presented at the *15th Swiss Transport Research Conference*, Ascona, April 2015.
- Yang, K., M. Menéndez and S. I. Guler (2016) Using connected-vehicle technology to optimize transit signal priority, paper presented at the *95th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2016.
- Yang, M., W. Wang, X. Chen, W. Wang, R. Xu and T. Gu (2009) Influence of spatial factors, individual sociodemographics and travel mode on destination choice in China, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.
- Yang, W., L. Zhang, F. Ciari and Z. He (2015) An Adaptive Three-stage Fuzzy Controller for Signalized Intersections Using Golden Ratio based Genetic Algorithm: A Comprehensive Study, paper presented at the *94th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2015.
- Yazar, T. and B. Colakoglu (2007) A cad utility for shape grammars, paper presented at the *25th eCAADe Conference*, Frankfurt, September 2007.
- Ye, X., K. Konduri, R. M. Pendyala, B. Sana and P. A. Waddell (2009) A methodology to match distributions of both household and person attributes in the generation of synthetic populations, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.
- Yianilos, P. N. (1993) Data structures and algorithms for nearest neighbor search in general metric spaces, paper presented at the *4th Annual ACM-SIAM Symposium on Discrete Algorithms*, Philadelphia, January 1993.
- Zeiler, A., G. Sarlas, M. Kuliowsky, B. R. Bodenmann, B. Sanchez, J. W. Bode, P. Furtak and K. W. Axhausen (2014) FaLC Transport Simulation Module: How accurate can simplified travel time calculations be?, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.
- Zhang, J., A. Fujiwara, H. J. P. Timmermans and A. W. J. Borgers (2004) Methodology for modeling household time allocation behavior, paper presented at the *EIRASS Conference in Advances in Activity Based Approaches*, Maastricht, May 2004.
- Zhang, Y., X. Qin, S. Dong and B. Ran (2010) Daily o-d matrix estimation using cellular probe data, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.
- Zhao, K., L. Sun, J. G. Jin, D.-H. Lee and S. Li (2015) Analysis of crowding effect on passengers' movement time based on smart card data, paper presented at the *15th COTA International Conference of Transportation Professionals*, Beijing, July 2015.



Zheng, Y., L. Liu, L. Wang and X. Xie (2008) Learning transportation mode from raw GPS data for geographic applications on the web, paper presented at the *17th World Wide Web Conference*, Beijing, April 2008.

Zheng, J. and J. Y. Guo (2008) Destination choice model incorporating choice set formation, paper presented at the *87th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2008.

Zhou, C., D. Frankowski, P. Ludford, S. Shekhar and L. Terveen (2004) Discovering personal gazetteers: An interactive clustering approach, paper presented at the *12th ACM International Workshop on Geographic Information Systems*, Washington, D.C., November 2004.

Zhu, W. and H. J. P. Timmermans (2009) A heterogeneous process model of endogenous route choice behavior incorporating mental effort, risk perception and decision uncertainty, paper presented at the *88th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2009.

Zhu, S., D. Levinson and L. Liu (2010) Measuring winners and losers from the new I-35W Mississippi River Bridge, paper presented at the *89th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2010.

Ziems, S. E., S. Bhargava, J. Plotz and R. M. Pendyala (2011) Stochastic variability in micro-simulation modeling results and convergence of corridor-level characteristics, paper presented at the *90th Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2011.

Zöllig, C. (2009) Where does the additional utility of an improvement to the transport system occur?, paper presented at the *9th Swiss Transport Research Conference*, Ascona, September 2009.

Zöllig, C. and K. W. Axhausen (2012) Heterogeneity of real estate developers in Canton Zurich, paper presented at the *12th Swiss Transport Research Conference*, Ascona, May 2012.

Zöllig, C. and K. W. Axhausen (2010) Calculating benefits of infrastructural investment, paper presented at the *50th Congress of the European Regional Science Association*, Jönköping, August 2010.

Zöllig, C. and K. W. Axhausen (2011) A conceptual, agent-based model of land development for urbansim, paper presented at the *51st Congress of the European Regional Science Association*, Barcelona, September 2011.

Zöllig Renner, C. (2013) Modelling real estate development with heterogeneous agents, paper presented at the *13th Swiss Transport Research Conference*, Ascona, April 2013.

Zöllig Renner, C. and K. W. Axhausen (2014) Heterogeneous real estate developers in an integrated land use transport simulation, paper presented at the *14th Swiss Transport Research Conference*, Ascona, May 2014.

Zöllig Renner, C. and K. W. Axhausen (2013) Comparing estimation results of land use development models using different data bases available in Switzerland, paper presented at the *92nd Annual Meeting of the Transportation Research Board*, Washington, D.C., January 2013.