



List of Publications

Doctoral dissertation

Dissertation title: "Development and estimation of a semi-compensatory with a flexible error structure: application to residential choice" Technion- Israel Institute of Technology, Haifa, Israel (2004-2010) Advisors: Prof. Yoram Shiftan and Prof. Shlomo Bekhor. Resulting journal articles: #4-6, #11-13

Chapters in collections

- Christensen, L., Kaplan, S., Jensen, T.C., Røpke, S., Olsen, A., in press. The recharging infrastructure needs for long distance travel by electric vehicles: a comparison of battery-switching and quick-charging stations. In: Thill J.C. (Ed.), *Spatial Analysis and Location Modeling in Urban and Regional Systems*, Advances in Geographic Information Science, Springer, Heidelberg.
- Kaplan, S., 2013. Behavioral choice paradigms and their mathematical representation. In: Columbus, A. (Ed.), *Advances in Psychology Research Volume 96*, Nova Science Publishers, New York, NY, pp. 199-224.
- Prato, C.G., Kaplan, S., 2013. Driving on the edge: the motivational factors of risk-taking among teen drivers. In: Assailly, J.P. (Ed.), *Psychology of Risk-Taking*, Nova Science Publishers, New York, NY, pp. 115-138.
- Prato, C.G., Kaplan, S., 2012. Promoting safe transit: analyzing bus accident patterns. In: Prato, C.G. (Ed.), *Accidents: Risk factors, health outcomes and safety measures*, Nova Science Publishers, New York, NY, pp. 1-17.
- Shiftan, Y., Kaplan, S., Hakkert, S., 2004. Scenario building for the future of the Tel-Aviv metropolitan area and its transportation system using the Delphi method. In: Beuthe, M., Himanen, V., Reggiani, A., Zamparini, L. (Eds.), *Transport Developments and Innovations in an Evolving World*, Berlin: Springer-Verlag, pp. 275-289

Journal Papers

- Shiftan, Y.^C, **Kaplan, S.**^{PI}, Hakkert, S., 2003. Scenario building as a tool for planning a sustainable transportation system. Transportation Research Part D: Transport and Environment, 8 (5), 323-342. Appeared in the Elsevier list of top 25 most requested papers (April 2002 - April 2004). IF 1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51. Citations by others 135, JIFP_{SJR} = 77.54
- Melzer, R.^C, **Kaplan, S.**^{PI}, 2004. Personal security using public transport - the Israeli experience. Public Transport International, 53 (5), 40-41. No IF. SJR ranking 66/69 (Transportation). H-Index 4. Citation by others 1. JIFP_{SJR} = 5.07
- Kaplan, S.**^{PI}, **Prato, C.G.**^{PI}, 2007. **Impact of BAC limit reduction on different population segments: a Poisson fixed effect analysis.** Accident Analysis and Prevention, 39 (6), 1146-1154. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88. Citation by others 17, JIFP_{SJR} = 91.86
- Kaplan, S.**^{PI}, Bekhor, S.^C, Shiftan, Y.^C, 2009. A two-stage model jointly revealing the determinants of non-compensatory conjunctive choice set formation and compensatory choice. Transportation Research Record, 2134, 153-163. IF 0.556. SJR ranking 69/69 (transportation). H-index 6. Citation by others 6, JIFP_{SJR} = 0.72
- Kaplan, S.**^{PI}, Bekhor, S.^C, Shiftan, Y.^C, 2011. Development and estimation of a semi-compensatory residential choice model based on explicit choice protocols. Annals of Regional Science, 47 (1), 51-80. IF 0.651. SJR ranking 92/400 (Social Sciences - miscellaneous). H-index 38. Citation by others 10, JIFP_{SJR} = 77.13
- Kaplan, S.**^{PI}, Bekhor, S.^C, Shiftan, Y.^C, 2011. Eliciting and estimating reservation price: a semi-compensatory approach. Journal of Business Research, 64 (1), 45-50. If 1.480. 5-year IF 2.324. SJR ranking 26/137 (marketing). H-index 100. Citation by others 4, JIFP_{SJR} = 81.39
- Kaplan, S.**^{PI}, Prato, C.G.^{PI}, 2012. Associating crash avoidance maneuvers with driver attributes and accident characteristics: a mixed logit model approach. Traffic Injury Prevention, 13 (3), 315-326. IF 1.413. SJR ranking 5/52 (safety research). H-index 34. Citation by others 4, JIFP_{SJR} = 91.35

8. **Kaplan, S.^{PI}**, Prato, C.G.^{PI}, 2012. Risk factors associated with bus accident severity in the United States: A generalized ordered logit model. Journal of Safety Research, 43 (3), 171-180. IF 1.870. 5-year IF 2.051. SJR ranking 20/129 (safety, Risk, reliability and quality). H-index 54. Citations by others 24, JIFP_{SJR} = 84.88
9. **Kaplan, S.^{PI}**, Prato, C.G.^{PI}, 2012. Braking news: the link between crash severity and crash avoidance maneuvers. Transportation Research Record, 2280, 75-88. IF 0.556. SJR ranking 69/69 (transportation). H-index 6. Citation by others 5, JIFP_{SJR} = 0.72
10. **Kaplan, S.^{PI}**, Prato, C.G.^{PI}, 2012. The application of the Random Regret Minimization model to drivers' choice of crash avoidance maneuvers. Transportation Research Part F: Traffic Psychology and Behaviour, 15 (6), 699-709. IF 1.473. 5-year IF 2.245. SJR ranking 22/69 (transportation). H-index 48, JIFP_{SJR} = 68.84
11. **Kaplan, S.^{PI}**, Bekhor, S.^C, Shiftan, Y.^C, 2012. Web-based survey design for unraveling semi-compensatory choice in transport and urban planning. Transportation Planning and Technology, 35 (2), 121-143. IF 0.512. SJR ranking 179/587 (Geography, Planning and Development). H-Index 23. Citation by others 2, JIFP_{SJR} = 69.59
12. **Kaplan, S.^{PI}**, Bekhor, S.^C, Shiftan, Y.^C, 2012. Development and estimation of a semi-compensatory model with a flexible error structure. Transportation Research Part B: Methodological, 46 (2), 291-304. IF 2.952. 5-year IF 4.116. SJR ranking 3/69 (Transportation) H-index 78. Citation by others 8, JIFP_{SJR} = 96.38
13. **Kaplan, S.^{PI}**, Shiftan Y.^C, Bekhor, S.^C, 2012. Hybrid compensatory-noncompensatory choice sets in semicompensatory models. Transportation Research Record, 2322, 10-19. IF 0.556. SJR ranking 69/69 (transportation). H-index 6. Citation by others 2, JIFP_{SJR} = 0.72
14. **Kaplan, S.^{PI}**, Prato, C.G.^{PI}, 2012. Closing the gap between behavior and models in route choice: the role of spatiotemporal constraints and latent traits in choice set formation. Transportation Research Part F: Traffic Psychology and Behaviour, 15 (1), 9-24. IF 1.473. 5-year IF 2.245. SJR ranking 22/69 (transportation). H-index 48. Citation by others 12, JIFP_{SJR} = 68.84
15. Frenkel, A.^{PI}, Bendit, E.^S, **Kaplan S.^C**, 2013. Residential location choice of knowledge-workers: the role of amenities, workplace and lifestyle. Cities, 35, 33-41. IF 1.728. 5-year IF 1.696. SJR ranking 12/129 (Tourism, Leisure and Hospitality Management). H-Index 44. Citation by others 15, JIFP_{SJR} = 91.09
16. Frenkel, A.^{PI}, Bendit, E.^S, **Kaplan S.^C**, 2013. The linkage between the lifestyle of knowledge-workers and their intra-metropolitan residential choice: a clustering approach based on self-organizing maps. Computers, Environment and Urban Systems, 39, 151-161. IF 1.537. 5-year IF 2.078. SJR ranking 72/587 (Geography, Planning and Development). H-Index 52. Citation by others 17, JIFP_{SJR} = 87.82
17. **Kaplan, S.^{PI}**, Prato, C.G.^{PI}, 2013. Cyclist-motorist crash patterns in Denmark: A latent class clustering approach. Traffic Injury Prevention, 14, 725-733. IF 1.413. SJR ranking 5/52 (safety research). H-index 34. Citation by others 3, JIFP_{SJR} = 91.35
18. Sigurdardottir, S.B.^S, Møller, M.^{PI}, **Kaplan, S.^{PI}**, Teasdale, T.W.^C, 2013. Understanding adolescents' intentions to commute by car or bicycle as adults. Transportation Research Part D: Transport and Environment, 24, 1-9. IF 1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51. Citations by others 17, JIFP_{SJR} = 77.54
19. Frenkel, A.^{PI}, Bendit, E.^S, **Kaplan, S.^C**, 2014. Knowledge-cities and transport sustainability: the link between the travel behavior of knowledge-workers and car-related job-perks. International Journal of Sustainable Transportation, 8 (3), 225-247. IF 2.548. SJR ranking 5/69 (transportation). H-index 12. Citation by others 2, JIFP_{SJR} = 93.48
20. **Kaplan, S.^{PI}**, Abreu e Silva, J.^C, Di Ciommo, F.^C, 2014. The relationship between young people's transit use and their perceptions of equity concepts in transit service provision. Transport Policy, 36, 79-87. IF 1.492. 5-year IF 2.182. SJR ranking 15/69 (transportation). H-index 48, JIFP_{SJR} = 78.99
21. **Kaplan, S.^{PI}**, Popoks, D.^S, Prato, C.G.^{PI}, Ceder, A.^C, 2014. Using connectivity for measuring equity in transit provision. Journal of Transport Geography, 37, 82-92. IF 2.650. 5-year IF 3.215. SJR ranking 11/69 (Transportation). H-Index 50. Citation by others 6, JIFP_{SJR} = 84.78
22. Sigurdardottir, S.B.^S, **Kaplan, S.^{PI}**, Møller, M.^C 2014. The motivation underlying adolescents' intended time-frame for driving licensure and car ownership: a socio-ecological approach. Transport Policy, 36, 19-25. IF 1.492. 5-year IF 2.182. SJR ranking 15/69 (transportation). H-index 48. Citation by others 1, JIFP_{SJR} = 78.99
23. Wang, Y.^S, Monzon, A.^C, Di Ciommo F.^C, **Kaplan S.^{PI}**, 2014. An integrated transport planning framework involving a combined utility-regret approach. Transportation Research Record,

- 2429, 59-66. IF 0.556. SJR ranking 69/69 (transportation). H-index 6. Citation by others 1, JIFP_{SJR} = 0.72
24. ****Chataway, E.S.^S, **Kaplan, S.**^{PI}, Nielsen, T.S.A.^C, Prato, C.G.^C, 2014. Safety perceptions and behavior related to cycling in mixed traffic: a comparison between Brisbane and Copenhagen. Transportation Research Part F: Traffic Psychology and Behaviour, 23, 32-43. IF 1.473. 5-year IF 2.245. SJR ranking 22/69 (transportation). H-index 48. Citation by others 12, JIFP_{SJR} = 68.84
25. **Kaplan, S.**^{PI}, Vavatsoulas, K.^S, Prato, C.G.^C, 2014. Aggravating and mitigating factors associated with cyclist injury severity in Denmark. Journal of Safety Research, 50, 75-82. IF 1.870. 5-year IF 2.051. SJR ranking 20/129 (safety, risk, reliability and quality). H-Index 54. Citation by others 8, JIFP_{SJR} = 84.88
26. Prato, C.G.^{PI}, **Kaplan, S.**^{PI}, 2014. Bus accident severity and passenger injury: Evidence from Denmark. European Transport Research Review, 6 (1), 17-30. No IF. SJR ranking 39/69 (transportation). H-index 8. Citation by others 3. JIFP_{SJR} = 44.20
27. Prato, C.G.^{PI}, Rasmussen, T.K.^S, **Kaplan, S.**^{PI}, 2014. Risk factors associated with crash severity on low-volume rural roads in Denmark. Journal of Transportation Safety and Security, 6 (1), 1-20. No IF. SJR ranking 23/52 (safety research). H-index 5. Citation by others 2. JIFP_{SJR} = 56.73
28. Weiss, H.B.^C, **Kaplan, S.**^C, Prato, C.G.^{PI}, 2014. Analysis of factors associated with injury severity in crashes involving young New Zealand drivers. Accident Analysis and Prevention, 65, 142-155. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88. Citation by others 16, JIFP_{SJR} = 91.86
29. Ramirez, J.S.^S, Sierra, M.B.^S, Alanis, A.K.J.^S, **Kaplan, S.**^{PI}, Prato, C.G.^C, 2015. The role of social climate in habitual transit use by young adults to work and leisure activities: Evidence from Colombia and Mexico. Transportation Research Record, 2512, pp. 22-30. IF 0.556. SJR ranking 69/69 (transportation). H-index 6, JIFP_{SJR} = 0.72
30. **Kaplan, S.**^{PI}, Manca, F.^S, Nielsen, T.A.S.^C, Prato, C.G.^C, 2015. Intentions to use bike-sharing for holiday cycling: an application of the Theory of Planned Behavior. Tourism Management, 47, 34-46. IF 2.554. 5-year IF 3.762. SJR ranking 8/69 (Transportation). H-Index 96. Citation by others 3, JIFP_{SJR} = 89.13
31. Taubman - Ben-Ari, O.^{PI}, **Kaplan, S.**^C, Lotan, T.^C, Prato, C.G.^C, 2015. Parents' and peers' contribution to risky driving of male teen drivers. Accident Analysis and Prevention, 78, 81-86. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88. Citation by others 1, JIFP_{SJR} = 91.86
32. Frenkel, A.^C, **Kaplan, S.**^{PI}, 2015. The joint choice of tenure, dwelling type, size and location: the effect of home-oriented versus culture-oriented lifestyle. Letters in Spatial and Resource Sciences, doi: 10.1007/s12076-014-0131-1. SNIP 0.283. SJR ranking 66/119. H-index 6. Citation by others 2. JIFP_{SJR} = 44.96
33. Weiss, H.B.^C, **Kaplan, S.**^{PI}, Prato, C.G.^C, 2014. Fatal and serious road crashes involving young drivers in New Zealand: a latent class clustering approach. International Journal of Injury Control and Safety Promotion, doi: 10.1080/17457300.2015.1056807. IF 0.707. SJR ranking 22/52 (safety research). H-index 26, JIFP_{SJR} = 58.65
34. **Kaplan, S.**^{PI}, Prato, C.G.^{PI}, 2015. A spatial analysis of land use and network effects on frequency and severity of cyclist-motorist crashes in the Copenhagen region. Traffic Injury Prevention, doi: 10.1080/15389588.2014.1003818. IF 1.413. SJR ranking 5/52 (safety research). H-index 34. Citation by others 1, JIFP_{SJR} = 91.35
35. Prato, C.G.^{PI}, **Kaplan, S.**^C, Rasmussen, T.K.^S, Hels, T.^C, 2015. Infrastructure and spatial effects on the frequency of cyclist-motorist collisions in the Copenhagen region. Journal of Transportation Safety and Security, doi: 10.1080/19439962.2015.1055414. No IF. SJR ranking 23/52 (safety research). H-index 5, JIFP_{SJR} = 56.73.
36. Taubman – Ben-Ari, O.^{PI}, **Kaplan, S.**^C, Lotan, T.^C, Prato, C.G.^C, 2016. The Combined Contribution of Personality, Family Traits, and Reckless Driving Intentions to Young Men's Risky Driving: What Role Does Anger Play? Transportation Research Part F: Traffic Psychology and Behaviour, 42, 299-306. IF 1.473. 5-year IF 2.245. SJR ranking 22/69 (transportation). H-index 48, JIFP_{SJR} = 68.84
37. Janstrup, K.H.^S, Hels, T.^C, **Kaplan, S.**^{PI}, Lauritsen, J.^C, Prato, C.G.^C, 2016. Understanding traffic crash under-reporting: linking police and medical records to individual and crash characteristics. Traffic Injury Prevention Vol. 17, No. 6, , p. 580-584. IF 1.413. SJR ranking 5/52 (safety research). H-index 34, JIFP_{SJR} = 91.35

38. **Kaplan, S.**^{PI}, Prato, C.G.^C, 2016. "Them or Us": perceptions, cognitions, emotions and overt behavior associated with cyclists and motorists sharing the road. International Journal of Sustainable Transportation, doi:10.1080/15568318.2014.885621. IF 2.548. SJR ranking 5/69 (transportation). H-index 12, JIFP_{SJR} = 93.48
39. **Kaplan, S.**^{PI}, Prato, C.G.^{PI}, 2016. Observed and unobserved correlation between crash avoidance maneuvers and crash severity. International Journal of Injury Control and Safety Promotion, doi: 10.1080/17457300.2015.1056806. IF 0.707. SJR ranking 22/52 (safety research). H-index 26, JIFP_{SJR} = 58.65
40. Barfod, M. B.^C, **Kaplan, S.**^{PI}, Frenzel, I.^C, & Klauenberg, J.^C. 2016. COPE-SMARTER - A decision support system for analysing the challenges, opportunities and policy initiatives: A case study of electric commercial vehicles market diffusion in Denmark. Research in Transportation Economics, 55, 3-11. SNIP 1.196. SJR ranking 34/241 (Economics, Econometrics and Finance - miscellaneous). H-Index 16, JIFP_{SJR} = 86.10
41. **Kaplan, S.**^{PI}, Gruber, J. C.^C, Reinthaler, M. C.^C, & Klauenberg, J. C.^C 2016. Intentions to introduce electric vehicles in the commercial sector: A model based on the theory of planned behaviour. Research in Transportation Economics, 55, 12-19. Among the most cited articles published since 2015 in Transportation Research Economics:
<https://www.journals.elsevier.com/research-in-transportation-economics/most-cited-articles> SNIP 1.196. SJR ranking 34/241 (Economics, Econometrics and Finance - miscellaneous). H-Index 16, JIFP_{SJR} = 86.10
42. Janstrup, K.H.^S, **Kaplan, S.**^{PI}, Hels, T. C.^C, Lauritsen, J. C.^C, Prato, C.G. C.^C, 2016. Understanding traffic crash under-reporting: linking police and medical records to individual and crash characteristics. Traffic Injury Prevention, 17(6), pp. 580-4. IF 1.413. SJR ranking 5/52 (safety research). H-index 34, JIFP_{SJR} = 91.35
43. Kaplan, S., Prato, C.G., 2016. Observed and unobserved correlation between crash avoidance manoeuvres and crash severity, International Journal of Injury Control and Safety Promotion, 23:4, 413-426. IF = 0.875 (Taylor and Francis – does not have indices)
44. Prato, C.G.^{PI}, **Kaplan, S.**^C, Rasmussen, T.K.^S, Hels, T. C.^C, 2016. Infrastructure and spatial effects on the frequency of cyclist-motorist collisions in the Copenhagen Region, Journal of Transportation Safety & Security, 8(4), 346-360. IF =0.76, H-Index =11, SJR Ranking 19/89 (Safety Reesrach) JIFP_{SJR}=79.21
45. **Kaplan, S.**^{PI}, Grünwald, L.^S, Hirte, G.^C 2016. The effect of social networks and norms on the inter-regional migration intentions of knowledge-workers: the case of Saxony, Germany. Cities 55, 61-69. IF 1.728. 5-year IF 1.696. SJR ranking 12/129 (Tourism, Leisure and Hospitality Management). H-Index 44, JIFP_{SJR} = 91.09
46. **Kaplan, S.**^{PI}, Nielsen, T.A.S.^C, Prato, C.G.^{PI}, 2016. Walking, cycling and the urban form: a Heckman selection model of active travel mode and distance by young adolescents. Transportation Research Part D: Transport and Environment, 44, 55-65
IF1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51, JIFP_{SJR} = 77.54
47. G.M. Fetene^{PI}, Hirte, G.^C, **Kaplan, S.**^C, Tucharaktschiew, S.^C. Prato, C.G.^C 2016. The economics of workplace charging. Transportation Research Part B: Methodological, 88, 93-118. IF 2.952. 5-year IF 4.116. SJR ranking 3/69 (Transportation). H-Index 78, JIFP_{SJR} = 96.38

Publications affiliated with The Hebrew University of Jerusalem

48. Bortei-Doku, S. S.^S, **Kaplan, S.**^{PI}, Prato, C.G.^{PI}, Nielsen, O.A.^C 2017. Road signage comprehension and overload: the role of driving style and need for closure Transportation Research Procedia, Volume 24, 2017, Pages 442-449 (Does not have indices)
49. Fetene, G.M.^{PI}, **Kaplan, S.**^C, Mabit, S.L.^C, Jensen, A.F.^C, Prato, C.G.^C, 2017. Harnessing big data for estimating the energy consumption and driving range of electric vehicles. Transportation Research Part D: Transport and Environment, 54, 1-11. IF 1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51, JIFP_{SJR} = 77.54
50. Fetene, G.M.^S, **Kaplan, S.**^{PI}, Sebald, A.^C, Prato, C.G.^C, 2017. Myopic loss aversion in the response of electric vehicle owners to the scheduling and pricing of vehicle charging. Transportation Research Part D: Transport and Environment, 50, 345-356. IF 1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51, JIFP_{SJR} = 77.54
51. Janstrup, K.H.^S, **Kaplan, S.**^{PI}, Barfod, M.B., Prato, C.G., 2017. Evaluating the police service quality for handling traffic accident reporting: a combined MCDA and LCA approach. Policing: An International Journal of Police Strategies & Management, 40, 410-425. IF=0.646 (Emerald-Insights).

52. **Kaplan, S.**^{PI}, Moraes Monteiro, M.^S, Anderson, M.K., Nielsen, O.A., Medeiros Dos Santos, E., 2017. The role of information systems in non-routine transit use of university students: Evidence from Brazil and Denmark. Transportation Research Part A: Policy and Practice, 95, 34-48. IF 3.026. 5-year IF 3.809. SJR ranking 5/69. H-Index 101, JIFP_{SJR} = 93.48.
53. Janstrup, K.H.^S, **Kaplan, S.**^{PI}, Prato, C.G.^C, 2017. Investigating the reasons behind the intention to report cycling crashes to the police and hospitals in Denmark. Transportation Research Part F: Traffic Psychology and Behaviour, 44, 159-167. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88, JIFP_{SJR} = 91.86.
54. Prato, C.G.^{PI}, **Kaplan, S.**^{PI}, Patrier, A.^S, Rasmussen, T.K.^C, 2018. Considering built environment and spatial correlation in modeling pedestrian injury severity. Traffic Injury Prevention, 19, 88-93. IF 1.413. SJR ranking 5/52 (safety research). H-index 34, JIFP_{SJR} = 91.35
55. **Kaplan, S.**^{PI}, Wrzesinska, D.^S, Prato, C.G.^C, 2018. The role of human needs in the intention to use conventional and electric bicycle sharing in a driving-oriented country. Transport Policy, Volume 71, 138-146. IF1.492. 5-year IF 2.182. SJR ranking 15/69 (transportation). H-index 48, JIFP_{SJR} = 78.99
56. **Kaplan, S.**^{PI}, **Wrzesinska, D.**^S, **Prato, C.G.**^C, 2018. **Role of Culture and Needs in Cycling Habits of Female Immigrants from a Driving-Oriented to a Cycling-Oriented Country. Transportation Research Record <https://doi.org/10.1177/0361198118793242> H-index 6., JIFP_{SJR} = 0.72**
57. ***** **Kaplan, S.**^{PI}, Bortei-Doku, S.^S, Prato, C.G.^C, 2018. The relation between the perception of safe traffic and the comprehension of road signs in conditions of ambiguous and redundant information. Transportation Research Part F: Traffic Psychology and Behaviour 55, 415-425. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88, JIFP_{SJR} = 91.86.
58. *****Ingvardson, J.B.^S, **Kaplan, S.**^{PI}, de Abreu e Silva, J.^C, Y. Shiftan^C, Di Ciommo, F.^C, Nielsen, O.A.^C, Existence, relatedness and growth needs as mediators between mode choice and travel satisfaction: evidence from Denmark. Transportation. Doi.org/10.1007/s11116-018-9886-3 IF 3.15, SJR ranking 6/69, H-Index 64, JIFP_{SJR} = 92.03.
59. Velázquez Romera, G.^S, **Kaplan, S.**^C, Monzon, A.^{PI}, 2018. Ex Ante and Ex Post Evaluation of a New Transit Information App: Modeling Use Intentions and Actual Use. Transportation Research Record. <https://doi.org/10.1177/0361198118792753> . IF 0.556. SJR ranking 69/69 (transportation). H-index 6, JIFP_{SJR} = 0.72
60. **Kerzhner, T.**^S, **Kaplan, S.**^{PI}, **Silverman, E.**^C. 2018. **Physical Walls, Invisible Barriers: Palestinian Women's Mobility in Jerusalem. Regional Science Policy and Practice. 2018, 10, pp. 299–314. <https://doi.org/10.1111/rsp3.12162> (Wiley - No indices for this journal)**
61. **Kaplan, S.**^{PI} Mikolasek, I.^S, Bruhova Foltynova, H.^C, Janstrup, K.H.^C, Prato, C.G.^C 2019. Attitudes, norms and difficulties underlying road sharing intentions as drivers and cyclists: Evidence from the Czech Republic. International Journal of Sustainable Transportation, 13 (5), 350-362. IF 2.548. SJR ranking 5/69 (transportation). H-index 12, JIFP_{SJR} = 93.48
62. Dastjerdi, A.M.^S, **Kaplan, S.**^{PI}, Abreu e Silva, J.^C, Nielsen, O.A.^C, Pereira, F.C.^{PI}, 2019. Participating in environmental loyalty program with a real-time multimodal travel app: User needs, environmental and privacy motivators. Transportation Research Part D: Transport and Environment, 67, 223–243. IF 1.937. 5-year IF 2.603. SJR ranking 16/69 (Transportation). H-Index 51, JIFP_{SJR} = 77.54
63. Prato, C.G.^{PI}, **Kaplan, S.**^{PI}, Patrier, A.^S, Rasmussen, T.K.^C 2019. Integrating police reports with geographic information system resources for uncovering patterns of pedestrian crashes in Denmark. Journal of Transport Geography 74, 10-23. IF 2.650. 5-year IF 3.215. SJR ranking 11/69 (Transportation). H-Index 50. Citation by others 6, JIFP_{SJR} = 84.78.
64. ***** Sarker, R.^S, **Kaplan, S.**^{PI}, Anderson, M.K.^C, Haustein, S.^C, Mailer, M.^C, Timmermans, H.J.P.^C, 2019. Obtaining transit information from users of a collaborative transit app: Platform-based and individual-related motivators. Transportation Research Part C: Emerging Technologies, Volume 102, Pages 173-188. IF 3.968. 5-year IF 4.557. SJR ranking 6/69, H-Index 90, JIFP_{SJR} = 92.03.
65. ***** **Kaplan, S.**^{PI}, Luria, R.^S Prato, C.G.^C, 2019. The relation between cyclists' perceptions of drivers, self-concepts and their willingness to cycle in mixed traffic. Transportation Research Part F: Traffic Psychology and Behaviour, 62, pp. 45-57. IF 2.070. 5-year IF 2.699. SJR ranking 11/129 (safety, risk, reliability and quality). H-Index 88, JIFP_{SJR} = 91.86.

66. Dastjerdi, A.M.^S, **Kaplan, S.**^{PI}, Abreu e Silva, J.^C, Nielsen, O.A.^C, Pereira, F.C.^{PI}, 2019. Use intention of mobility-management travel apps: The role of users goals, technophile attitude and community trust. *Transportation Research Part A*, 126, 114-135. [Transportation Research Part A: Policy and Practice](#), 95, pp. 34-48. IF 3.026. 5-year IF 3.809. SJR ranking 5/69. H-Index 101, JIFPSJR = 93.48.

After receiving tenure track position

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67. Sarker, R., **Kaplan, S.**, Anderson, M.K., Haustein, S., Mailer, M., Timmermans, H.J.P., 2019. Obtaining transit information from users of a collaborative transit app: Platform-based and individual-related motivators. *Transportation Research Part C: Emerging Technologies*, Volume 102, Pages 173-188.
68. **Kaplan, S.**^{PI}, Wrzesinska, D.^S, Prato, C.G.^C, 2019. Psychosocial benefits and positive mood related to habitual bicycle use. *Transportation Research part F: Traffic Psychology and behavior*. *Transportation research part F: traffic psychology and behaviour* 64, 342-352.
69. Sarker, R., **Kaplan, S.**, Mailer M., and Timmermans H.J.P. 2020. Applying affective event theory to explain transit users' reactions to service disruptions. *Transportation Research Part A: Policy and Practice*. 10.1016/j.tra.2019.09.059.
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83. Luria, R., Kaplan, S. 2017. From road shares to road sharing: Cyclist-motorists interactions and its effect on cyclists' perceptions and willingness to share the road. *The 6th symposium arranged by European Association for Research in Transportation (hEART), 12-14 September, Haifa, Israel.*
84. Kerzhner, T., Natesh, M., Kaplan, S., Silverman, E. 2017. Physical, Historical and social walls: barriers to transit use in a divided city, Study of young Palestinians in East Jerusalem. *Presented at the 57th ERSA Congress, August 29 – September 1, Groningen, The Netherlands.*
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97. Velázquez Romera, G., Kaplan, S., Monzon, A. Madrid. 2018. Ex Ante and Ex Post Evaluation of a New Transit Information App: Modeling Use Intentions and Actual Use. *Proceedings of the 97th Annual Meeting of the Transportation Research Board, January 7-11, Washington, D.C.*
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100. Kaplan, S., Wrzesinska, D., Prato, C., 2019. "Psychosocial benefits and mood improvement from habitual bicycle use (paper number 19-00934). Presented at the 98th Annual Meeting of the Transportation Research Board, January 13-17, Washington, D.C.
101. Kaplan, S., Luria, R., Prato, C., 2019. The Relation between Cyclists' Perceptions of Drivers, Self-Concepts, and Their Willingness to Cycle in Mixed Traffic (paper number 19-00957). Presented at the 98th Annual Meeting of the Transportation Research Board, January 13-17, Washington, D.C.
102. Islam R.S., Kaplan S., Mailer, M., Timmermans H.J.P. 2019. Applying affective event theory to explain transit users reactions to service disruptions. (paper number 19-00616). Presented at the 98th Annual Meeting of the Transportation Research Board, January 13-17, Washington, D.C.
103. Dastjerdi A.M., Kaplan, S., de Abreu et Silva, J., Nielsen O. A., Camara Pereira. F. 2019. Motivating the use of real-time multimodal travel planners the role of users value, technophile, social trust and place attachment. . (paper number 19-02192) Presented at the 98th Annual Meeting of the Transportation Research Board, January 13-17, Washington, D.C.
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105. Sarker, R., Kaplan, S., Mailer, M. Timmermans, H.J.P., 2019. Applying affective event theory to explain transit users' reactions to service disruptions, 15th biennial NECTAR conference, Helsinki, Finland.
106. Shliselberg, R., Givon, M., Kaplan, S., 2019. The Contribution of Motility to Women's Personal Wellbeing: A Quantitative Analysis, 15th biennial NECTAR conference, Helsinki, Finland.
107. Islam Sarker, R., Kim, J., Kaplan, S., Mailer, M. 2019. Switch or Stay: service-based and goal-based motivators for switching from yearly transit ticket to Mobility-as-a-Service (MAAS). International Scientific Conference on Mobility and Transport (Mobil.TUM). September 11th - 12th , Munich, Germany
108. Ingvardson J. B., Thorhauge, M., Kaplan, S., Nielsen O.A., Raveau S. 2019. Incorporating Existence, Relatedness & Growth needs in transport mode choice: A hybrid choice framework. Presented at the 8th Symposium of the European Association for Research in Transportation (hEART), 4-6 September, Budapest, Hungary.
109. Sarker, R., Kaplan, S., Mailer M., and Timmermans H.J.P. 2019. Applying affective event theory to explain transit users' reactions to service disruptions. Presented at the 8th Symposium of the European Association for Research in Transportation (hEART), 4-6 September, Budapest, Hungary.

110. Bawardi, H. Feitelson, E., Kaplan, S., 2019. Housing and location choice among Palestinian citizens in Israel: preferences versus constraints. Presented at the 59th ERSA Congress, August 29-30, Lyon, France.
111. Kaplan, S., Tchetchik, A., Grinberg, D., Sapir, I., 2020. Transit use reduction following COVID-19: the effect of awareness, threat appraisal, proactive coping, and organizational trust. December 7 – 11, 2020, Zoom Meeting. Conference Co-chairs: Yoshitsugu Hayashi & Junyi Zhang. Organized by WCTRS COVID-19 Task Force.
112. Sarker, R., Kim J., Kaplan, S. 2021. Switch or Stay? Push-Pull Motivators for Switching from Yearly Transit Ticket to Mobility-as-a-Service (MAAS). 100th TRB Annual Meeting. Presentation Number: TRBAM-21-00431. 1465 - Public Transportation Fare Policy and Marketing: Research Results and Implications for Practice.
113. Yona, M., Birfir, G. Kaplan, S., 2021. Using Data Science and GIS-Based Analysis of Transit Passenger Complaints to Uncover Patterns of Passenger Frustration. 100th TRB Annual Meeting. Presentation Number: TRBAM-21-00252. 1331 - Putting Transit Data to Work: Advancements in Making, Mixing & Matching, and Employing Machine Learning (ML) Techniques.
114. Tchetchik, A., Liat Zvi, L. Kaplan, S., Blass, V. 2021. The joint effects of driving hedonism and trialability on the choice between internal combustion engine, hybrid, and electric vehicles. 100th TRB Annual Meeting. Presentation Number: TRBAM-21-00957 1437 - Alternative Fuel Consumer Perceptions and Modeling.

Invited Presentations and Workshop Contributions

1. Kaplan, S., Shiftan, Y., Bekhor, S., 2006. Planning for people: the development of a residential choice model. *Presented at the Annual Meeting of the Technion's Board of Governors*, June 3, Haifa, Israel.
2. Kaplan, S., Shiftan, Y., Bekhor, S., 2009. Development and estimation of a semi-compensatory model with flexible error structure. *Presented at the Advances in Transportation Modeling Workshop, Technion – Israel Institute of Technology*, November 11, Haifa, Israel.
3. Kaplan, S., Shiftan, Y., Bekhor, S., 2009. Development and estimation of a semi-compensatory model with flexible error structure. *Presented at the Fifth Workshop on Discrete Choice Models, Ecole Polytechnique Federale de Lausanne*, August 27-29, Lausanne, Switzerland.
4. Kaplan, S., 2010. Development and estimation of a semi-compensatory model with flexible error structure. *Presented at the Technical University of Denmark*, May 27, Lyngby, Denmark.
5. Bendit, E., Frenkel, A., Kaplan, S., 2011. The linkage between the lifestyle of knowledge workers and their intra-metropolitan residential choice. *Presented at the Regional Science Association Tripartite Workshop, British and Irish – Israeli – Netherlands Sections*, May 2-4, London, England.
6. Christensen, L., Kaplan, S., Jensen, T.C., Røpke, S., Olsen A., 2012. The recharging Infrastructure needs for a large market share of electric vehicles. *Presented at the NECTAR Cluster 2 Workshop on Urban and Regional Transport, Regulation Sustainability and E-Mobility*, February 10-11, Dresden, Germany.
7. Frenkel, A., Kaplan, S., 2013. The effect of leisure activities as a lifestyle choice on the housing preferences of knowledge workers in an era of global recession. *Presented at the Bilateral Workshop of the Israeli and the Netherlands Sections of the Regional Science Association on Regional Impacts of the Global Crisis*, October 3-4, Groningen, Netherlands.
8. Kaplan, S., Frenkel, A., 2013. The theory of planned behavior and residential choice: Does the housing crisis induce attitudinal changes? *Presented at the Bilateral Workshop of the Israeli and the Netherlands Sections of the Regional Science Association on Regional Impacts of the Global Crisis*, October 3-4, Groningen, Netherlands.
9. Kaplan, S., Abreu e Silva, J., Di Ciommo, F., 2014. Motivating factors and barriers for transit use and its perceived fairness among young people in Denmark, Portugal and Spain. *Nectar Joint Cluster Meeting: Policy and Environment - Transport Security and Vulnerability*, April 30-May 1, Beer Sheva, Israel.
10. Manca, F., Kaplan, S., Prato, C.G., Nielsen, T.A.S., 2014. Factors related to tourist intentions to use bicycle-sharing as their holiday transport mode. *Nectar Joint Cluster Meeting: Policy and Environment - Transport Security and Vulnerability*, April 30-May 1, Beer Sheva, Israel.

11. Kaplan, S., 2015. The Development of Semi-compensatory Models and Their Application to Residential and Transport Choices. Colloquium of the Faculty of Economics in TU-Dresden (Kolloquium der Fakultät Wirtschaftswissenschaften), January 27, Dresden, Germany.
12. Mikolášek, I., Kaplan, S., Hyldekær Janstrup, K., Prato, C.G., Brůhová, H., 2016. Promoting cycling for women: factors affecting the willingness to cycle in mixed traffic in the Czech Republic. *The NECTAR Joint Cluster 1 and Cluster 6 International Workshop. 20-21 October 2016, Warsaw, Poland.*
13. Wrzesinska, D., Kaplan, S., Prato, C.G., Nielsen, O.A. 2016. What motivates immigrants to adapt to a cycling-oriented culture? The role of existence, relatedness and growth needs. *The NECTAR Joint Cluster 1 and Cluster 6 International Workshop. 20-21 October 2016, Warsaw, Poland.*
14. Hyldekær Janstrup, K., Kjær Rasmussen, T., Kaplan, S., Shiftan, Y., Nielsen, O.A., 2016. Existence, relatedness and personal growth as motivators to participation in the Danish bike-to-work campaign. *The network of cities CIVINET Czech and Slovak Republics and the Transport Research Centre (CDV), Second Czech – Slovak Conference, 19 May 2016, Brno, Czech Republic.*
15. Hyldekær Janstrup, K., Kjær Rasmussen, T., Kaplan, S., Shiftan, Y., Nielsen, O.A., 2016. Existence, relatedness and personal growth as motivators to participation in the Danish bike-to-work campaign. *NECTAR Joint Cluster 2 and Cluster 3 International Workshop, 17–18 May 2016, Brno, Czech Republic.*
16. Wrzesinska, D., Kaplan, S., Prato, C.G., Nielsen, O.A. 2016. Existence, relatedness and growth as motivators for electric-bike use in the transition from a car- to a cycling-oriented culture. *WEBikeC 2016: Workshop on electric bicycle commuting, 9-10 June 2016, Ghent, Belgium.*
17. Sigal Kaplan, Location-based to person-based: what is the difference and what are the latent barriers? The Hebrew University of Jerusalem. Workshop on “Mind the Gap: Can Inclusive Cities Bridge Social Equity Disparities?” The 97th Annual Meeting of the Transportation Research Board, January 7-11, Washington, D.C.
18. Kaplan, S. 2017. Combining transportation research and sociological theories: The role of empathy and social interaction road behavior of cyclists and motorist. hEART 2017 PhD Summer School, 11 September, Haifa, Israel.

