

Comprehensive list of references for the paper “Towards the Standardization of Reporting in Smartphone Travel Surveys: The Development and Application of the Smartphone Survey Reporting Guidelines (SSRGs)”  
Ben Azoulay & Zachary Patterson (12<sup>th</sup> International Conference on Transport Survey Methods)

#	Citation	Reference
46	Abdulazim et al. (2013)	Abdulazim T, Abdelgawad H, Habib KMN, Abdulhai B. 2013. Using Smartphones and Sensor Technologies to Automate Collection of Travel Data. TRANSPORTATION RESEARCH RECORD.(2383):44–52. doi: <a href="https://doi.org/10.3141/2383-06">10.3141/2383-06</a> .
47	Allström (2016)	Allström A. 2016. Experiences from smartphone based travel data collection.
16	Allstrom et al. (2017)	Allstrom, A., I. Kristoffersson, and Y. Susilo. Smartphone Based Travel Diary Collection: Experiences from a Field Trial in Stockholm. EMERGING TECHNOLOGIES AND MODELS FOR TRANSPORT AND MOBILITY, ELSEVIER SCIENCE BV, SARA BURGERHARTSTRAAT 25, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS, 26, , 2017, pp. 32–38.
48	Asakura & Iryo (2007)	Asakura Y, Iryo T. 2007. Analysis of tourist behaviour based on the tracking data collected using a mobile communication instrument. TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE. 41(7, SI):684–690. doi: <a href="https://doi.org/10.1016/j.tra.2006.07.003">10.1016/j.tra.2006.07.003</a> .
49	Assemi (2018)	Assemi B, Jafarzadeh H, Mesbah M, Hickman M. 2018. Participants’ perceptions of smartphone travel surveys. Transportation Research Part F: Traffic Psychology and Behaviour. 54:338–348. doi: <a href="https://doi.org/10.1016/j.trf.2018.02.005">10.1016/j.trf.2018.02.005</a> .
51	Assemi et al. (2015)	Assemi B, Schlagwein D, Safi H, Mesbah M. 2015. Crowdsourcing as a Method for the Collection of Revealed Preference Data Short Paper. 9TH IEEE INTERNATIONAL SYMPOSIUM ON SERVICE-ORIENTED SYSTEM ENGINEERING (SOSE 2015):378–382. doi: <a href="https://doi.org/10.1109/SOSE.2015.52">10.1109/SOSE.2015.52</a> .
50	Assemi et al. (2016)	Assemi B, Safi H, Mesbah M, Ferreira L. 2016. Developing and Validating a Statistical Model for Travel Mode Identification on Smartphones. IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS. 17(7):1920–1931. doi: <a href="https://doi.org/10.1109/TITS.2016.2516252">10.1109/TITS.2016.2516252</a> .
52	Assemi et al. (2020)	Assemi B, Zahnw R, Zapata-Diomed B, Hickman M, Corcoran J. 2020. Transport-related walking among young adults: when and why? BMC PUBLIC HEALTH. 20(1). doi: <a href="https://doi.org/10.1186/s12889-020-8338-0">10.1186/s12889-020-8338-0</a> .
20	Bantis & Haworth (2017)	Bantis, T., and J. Haworth. Who You Are Is How You Travel: A Framework for Transportation Mode Detection Using Individual and Environmental Characteristics. <i>Transportation Research Part C: Emerging Technologies</i> , Vol. 80, 2017, pp. 286–309. <a href="https://doi.org/10.1016/j.trc.2017.05.003">https://doi.org/10.1016/j.trc.2017.05.003</a> .
3	Bauer (2013)	Bauer, C. On the (In-)Accuracy of GPS Measures of Smartphones: A Study of Running Tracking Applications. New York, NY, USA, 2013.

#	Citation	Reference
134	Begg et al. (1997)	Begg C, Cho M, Eastwood S, Horton R, Moher D, Olkin I, Pitkin R, Rennie D, Schulz KF, Simel D, Stroup DF. Improving the quality of reporting of randomized controlled trials: the CONSORT statement. <i>Jama</i> . 1996 Aug 28;276(8):637-9.
53	Berger & Platzer (2015)	Berger M, Platzer M. 2015. Field evaluation of the smartphone-based travel behaviour data collection app “SmartMo.” Morency, C and Munizaga, M and Greaves, S and Raimond, T, editor. <i>TRANSPORT SURVEY METHODS: EMBRACING BEHAVIOURAL AND TECHNOLOGICAL CHANGES</i> . 11:263–279. doi: <a href="https://doi.org/10.1016/j.trpro.2015.12.023">10.1016/j.trpro.2015.12.023</a> .
54	Berggren (2019)	Berggren U, Johnsson C, Svensson H, Wretstrand Anders. 2019. Exploring waiting times in public transport through a semi-automated dedicated smartphone app survey. <i>TRAVEL BEHAVIOUR AND SOCIETY</i> . 15:1–14. doi: <a href="https://doi.org/10.1016/j.tbs.2018.11.002">10.1016/j.tbs.2018.11.002</a> .
7	Biancat et al. (2014)	Biancat, J., C. Brighenti, and A. Brighenti. Review of Transportation Mode Detection Techniques. <i>EAI Endorsed Transactions on Ambient Systems</i> , Vol. 1, No. 4, 2014.
30	Bierlaire et al. (2013)	Bierlaire, M., J. Chen, and J. Newman. A Probabilistic Map Matching Method for Smartphone GPS Data. <i>Transportation Research Part C</i> , Vol. 26, 2013, pp. 78–98. <a href="https://doi.org/10.1016/j.trc.2012.08.001">https://doi.org/10.1016/j.trc.2012.08.001</a> .
56	Borsellino et al. (2018)	Borsellino R, Zahnow R, Corcoran J. 2018. Not all those who Wander are lost: exploring human mobility using a smartphone application. <i>AUSTRALIAN GEOGRAPHER</i> . 49(2):317–333. doi: <a href="https://doi.org/10.1080/00049182.2018.1451215">10.1080/00049182.2018.1451215</a> .
55	Botte & Maat (2009)	Bohte W, Maat K. 2009. Deriving and validating trip purposes and travel modes for multi-day GPS-based travel surveys: A large-scale application in the Netherlands. <i>Transportation Research Part C: Emerging Technologies</i> . 17(3):285–297. doi: <a href="https://doi.org/10.1016/j.trc.2008.11.004">10.1016/j.trc.2008.11.004</a> .
57	Burkhard et al. (2020)	Burkhard O, Becker H, Weibel R, Axhausen KW. 2020. On the requirements on spatial accuracy and sampling rate for transport mode detection in view of a shift to passive signalling data. <i>Transp Res Pt C-Emerging Technol</i> . 114:99–117. doi: <a href="https://doi.org/10.1016/j.trc.2020.01.021">10.1016/j.trc.2020.01.021</a> .
59	Byon et al. (2007)	Byon Y-J, Abdulhai B, Shalaby AS. 2007. Impact of Sampling Rate of GPS-Enabled Cell Phones on Mode Detection and GIS Map Matching Performance. [accessed 2019 Nov 12]. <a href="https://trid.trb.org/view/801875">https://trid.trb.org/view/801875</a> .
58	Byon et al. (2009)	Byon Y-J, Abdulhai B, Shalaby A. 2009. Real-Time Transportation Mode Detection via Tracking Global Positioning System Mobile Devices. <i>Journal of Intelligent Transportation Systems</i> . 13:161–170. doi: <a href="https://doi.org/10.1080/15472450903287781">10.1080/15472450903287781</a> .
60	Calabrese et al. (2013)	Calabrese F, Diao M, Di Lorenzo G, Ferreira J Jr, Ratti C. 2013. Understanding individual mobility patterns from urban sensing data: A mobile phone trace example. <i>TRANSPORTATION RESEARCH</i>

#	Citation	Reference
		PART C-EMERGING TECHNOLOGIES. 26:301–313. doi: <a href="https://doi.org/10.1016/j.trc.2012.09.009">10.1016/j.trc.2012.09.009</a> .
61	Calastri et al. (2020)	Calastri C, Sourd RCD, Hess S. 2020. We want it all: experiences from a survey seeking to capture social network structures, lifetime events and short-term travel and activity planning. <i>TRANSPORTATION</i> . 47(1):175–201. doi: <a href="https://doi.org/10.1007/s11116-018-9858-7">10.1007/s11116-018-9858-7</a> .
12	Carrión et al. (2014)	Carrión, C., F. C. Pereira, R. Ball, F. Zhao, Y. Kim, K. Nawarathne, N. Zheng, P. C. Zegras, and M. E. Ben-Akiva. Evaluating FMS: A Preliminary Comparison with a Traditional Travel Survey. 2014.
62	Casello & Usyukov (2014)	Casello JM, Usyukov V. 2014 Jan 1. Modeling Cyclists' Route Choice Based on GPS Data: Transportation Research Record. doi: <a href="https://doi.org/10.3141/2430-16">10.3141/2430-16</a> . [accessed 2020 Jul 24]. <a href="http://journals.sagepub.com/doi/10.3141/2430-16">http://journals.sagepub.com/doi/10.3141/2430-16</a> .
63	Charlton et al. (2011)	Charlton B, Hood J, Sall E, Schwartz MA. 2011. Bicycle Route Choice Data Collection using GPS-Enabled Smartphones. [accessed 2020 Jul 20]. <a href="https://doi.org/10.3141/2354-07">/paper/Bicycle-Route-Choice-Data-Collection-using-Charlton-Hood/ef44d87d1533ac730768926bad70c1756076b4b2</a> .
64	Corcoran et al. (2018)	Corcoran J, Zahnow R, Assemi B. 2018. Wander: A Smartphone App for Sensing Sociability. <i>APPLIED SPATIAL ANALYSIS AND POLICY</i> . 11(3):537–556. doi: <a href="https://doi.org/10.1007/s12061-017-9228-4">10.1007/s12061-017-9228-4</a> .
26	Cottrill et al. (2013)	Cottrill, C. D., F. C. Pereira, F. Zhao, I. F. Dias, H. B. Lim, M. E. Ben-Akiva, and P. C. Zegras. Future Mobility Survey Experience in Developing a Smartphone-Based Travel Survey in Singapore. <i>TRANSPORTATION RESEARCH RECORD</i> , No. 2354, 2013, pp. 59–67. <a href="https://doi.org/10.3141/2354-07">https://doi.org/10.3141/2354-07</a> .
65	Das & Winter (2018)	Das RD, Winter S. 2018. A fuzzy logic based transport mode detection framework in urban environment. <i>JOURNAL OF INTELLIGENT TRANSPORTATION SYSTEMS</i> . 22(6):478–489. doi: <a href="https://doi.org/10.1080/15472450.2018.1436968">10.1080/15472450.2018.1436968</a> .
93	De Nazelle et al. (2013)	de Nazelle A, Seto E, Donaire-Gonzalez D, Mendez M, Matamala J, Nieuwenhuijsen MJ, Jerrett M. 2013. Improving estimates of air pollution exposure through ubiquitous sensing technologies. <i>ENVIRONMENTAL POLLUTION</i> . 176:92–99. doi: <a href="https://doi.org/10.1016/j.envpol.2012.12.032">10.1016/j.envpol.2012.12.032</a> .
66	Delclos-Alio et al. (2017)	Delclos-Alio X, Marquet O, Miralles-Guasch C. 2017. Keeping track of time: A Smartphone-based analysis of travel time perception in a suburban environment. <i>TRAVEL BEHAVIOUR AND SOCIETY</i> . 9:1–9. doi: <a href="https://doi.org/10.1016/j.tbs.2017.07.001">10.1016/j.tbs.2017.07.001</a> .
67	Di Ciommo et al. (2014)	Di Ciommo F, Comendador J, Eugenia Lopez-Lambas M, Cherchi E, de Dios Ortuzar J. 2014. Exploring the role of social capital influence variables on travel behaviour. <i>TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE</i> . 68(SI):46–55. doi: <a href="https://doi.org/10.1016/j.tra.2014.08.018">10.1016/j.tra.2014.08.018</a> .

#	Citation	Reference
69	Ellison et al. (2019)	Ellison AB, Ellison RB, Ahmed A, Rance D, Greaves SP. 2019. Spatiotemporal Identification of Trip Stops from Smartphone Data. <i>APPLIED SPATIAL ANALYSIS AND POLICY</i> . 12(1, SI):27–43. doi: <a href="https://doi.org/10.1007/s12061-016-9188-0">10.1007/s12061-016-9188-0</a> .
22	Feng & Timmermans (2013)	Feng, T., and H. J. P. Timmermans. Transportation Mode Recognition Using GPS and Accelerometer Data. <i>Transportation Research Part C: Emerging Technologies</i> , Vol. 37, 2013, pp. 118–130. <a href="https://doi.org/10.1016/j.trc.2013.09.014">https://doi.org/10.1016/j.trc.2013.09.014</a> .
70	Ferreira et al. (2018)	Ferreira A, Brändle N, Widhalm P, Olaverri-Monreal C. 2018. Assessment of trip validation interfaces for smartphone-based travel surveys. <i>Transportation Research Procedia</i> . 32:126–134. doi: <a href="https://doi.org/10.1016/j.trpro.2018.10.025">10.1016/j.trpro.2018.10.025</a> .
25	Ferrer & Ruiz (2014)	Ferrer, S., and T. Ruiz. Travel Behavior Characterization Using Raw Accelerometer Data Collected from Smartphones. <i>Procedia - Social and Behavioral Sciences</i> , Vol. 160, 2014, pp. 140–149. <a href="https://doi.org/10.1016/j.sbspro.2014.12.125">https://doi.org/10.1016/j.sbspro.2014.12.125</a> .
71	Ferrer & Ruiz (2014)	Ferrer S, Ruiz T. 2014. Travel Behavior Characterization Using Raw Accelerometer Data Collected from Smartphones. <i>Procedia - Social and Behavioral Sciences</i> . 160:140–149. doi: <a href="https://doi.org/10.1016/j.sbspro.2014.12.125">10.1016/j.sbspro.2014.12.125</a> .
72	Flake et al. (2017)	Flake L, Lee M, Hathaway K, Greene E. 2017. Use of Smartphone Panels for Viable and Cost-Effective GPS Data Collection for Small and Medium Planning Agencies. <i>TRANSPORTATION RESEARCH RECORD</i> . 2643(1):160–165. doi: <a href="https://doi.org/10.3141/2643-17">10.3141/2643-17</a> .
68	Garcia-Jimenez et al. (2014)	Elena Garcia-Jimenez M, Ruiz T, Mars L, Garcia-Garces P. 2014. Changes in the scheduling process according to observed activity travel flexibility. Ibeas, A and Moura, JL and DellOlio, L and Alonso, B, editor. <i>XI CONGRESO DE INGENIERIA DEL TRANSPORTE (CIT 2014)</i> . 160:484–493. doi: <a href="https://doi.org/10.1016/j.sbspro.2014.12.161">10.1016/j.sbspro.2014.12.161</a> .
41	Geurs et al. (2015)	Geurs, K. T., T. Thomas, M. Bijlsma, and S. Douhou. Automatic Trip and Mode Detection with Move Smarter: First Results from the Dutch Mobile Mobility Panel. <i>Transportation Research Procedia</i> , Vol. 11, 2015, pp. 247–262. <a href="https://doi.org/10.1016/j.trpro.2015.12.022">https://doi.org/10.1016/j.trpro.2015.12.022</a> .
73	Glasgow et al. (2019)	Glasgow TE, Le HTK, Scott Geller E, Fan Y, Hankey S. 2019. How transport modes, the built and natural environments, and activities influence mood: A GPS smartphone app study. <i>Journal of Environmental Psychology</i> . 66:101345. doi: <a href="https://doi.org/10.1016/j.jenvp.2019.101345">10.1016/j.jenvp.2019.101345</a> .
28	Gonzalez et al. (2010)	Gonzalez, P. A., J. S. Weinstein, S. J. Barbeau, M. A. Labrador, P. L. Winters, N. L. Georggi, and R. Perez. Automating Mode Detection for Travel Behaviour Analysis by Using Global Positioning Systems-Enabled Mobile Phones and Neural Networks. <i>IET Intelligent Transport Systems</i> , Vol. 4, No. 1, 2010, pp. 37–49. <a href="https://doi.org/10.1049/iet-its.2009.0029">https://doi.org/10.1049/iet-its.2009.0029</a> .

#	Citation	Reference
74	Greaves et al. (2015)	Greaves S, Ellison A, Ellison R, Rance D, Standen C, Rissel C, Crane M. 2015. A Web-Based Diary and Companion Smartphone app for Travel/Activity Surveys. Morency, C and Munizaga, M and Greaves, S and Raimond, T, editor. TRANSPORT SURVEY METHODS: EMBRACING BEHAVIOURAL AND TECHNOLOGICAL CHANGES. 11:297–310. doi: <a href="https://doi.org/10.1016/j.trpro.2015.12.026">10.1016/j.trpro.2015.12.026</a> .
23	Greene et al. (2016)	Greene, E., L. Flake, K. Hathaway, and M. Geilich. A Seven-Day Smartphone-Based GPS Household Travel Survey in Indiana. 2016.
75	Hardy et al. (2017)	Hardy A, Hyslop S, Booth K, Robards B, Aryal J, Gretzel U, Eccleston R. 2017. Tracking tourists' travel with smartphone-based GPS technology: a methodological discussion. Inf Technol Tourism. 17(3):255–274. doi: <a href="https://doi.org/10.1007/s40558-017-0086-3">10.1007/s40558-017-0086-3</a> .
34	Hood et al. (2011)	Hood, J. ( 1 ), E. ( 2 ) Sall, and B. ( 2 ) Charlton. A GPS-Based Bicycle Route Choice Model for San Francisco, California. <i>Transportation Letters</i> , Vol. 3, No. 1, 2011, pp. 63–75. <a href="https://doi.org/10.3328/TL.2011.03.01.63-75">https://doi.org/10.3328/TL.2011.03.01.63-75</a> .
14	Jariyasunant et al. (2014)	Jariyasunant, J., R. Sengupta, and J. Walker. Overcoming Battery Life Problems of Smartphones When Creating Automated Travel Diaries. 2014.
76	Jestico et al. (2016)	Jestico B, Nelson T, Winters M. 2016. Mapping ridership using crowdsourced cycling data. Journal of Transport Geography. 52:90–97. doi: <a href="https://doi.org/10.1016/j.jtrangeo.2016.03.006">10.1016/j.jtrangeo.2016.03.006</a> .
79	Kim et al. (2014)	Kim Y, Pereira FC, Zhao F, Ghorpade A, Zegras PC, Ben-Akiva M. 2014. Activity recognition for a Smartphone based travel survey based on cross-user history data. 2014 22ND INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION (ICPR):432–437. doi: <a href="https://doi.org/10.1109/ICPR.2014.83">10.1109/ICPR.2014.83</a> .
33	Kim et al. (2015)	Kim, Y., F. C. Pereira, F. Zhao, A. Ghorpade, P. C. Zegras, and M. Ben-Akiva. Activity Recognition for a Smartphone and Web-Based Travel Survey. 2015.
78	Kim et al. (2018)	Kim Y, Ghorpade A, Zhao F, Pereira FC, Zegras PC, Ben-Akiva M. 2018. Activity Recognition for a Smartphone and Web-Based Human Mobility Sensing System. IEEE INTELLIGENT SYSTEMS. 33(4):5–23. doi: <a href="https://doi.org/10.1109/MIS.2018.043741317">10.1109/MIS.2018.043741317</a> .
80	Kouril & Simecek (2020)	Kouril P, Simecek M. 2020. Usability of Wi-Fi fingerprint approach for place departure recognition in travel surveys. TRAVEL BEHAVIOUR AND SOCIETY. 18:83–93. doi: <a href="https://doi.org/10.1016/j.tbs.2019.10.004">10.1016/j.tbs.2019.10.004</a> .
43	Kwasnik et al. (2019)	Kwasnik, T., S. P. Carmichael, and S. C. Isley. <i>An Overview of Technologies for Individual Trip History Collection: Mobility Decision Science Pillar SMART Mobility Consortium</i> . Publication NREL/TP--6A20-70331, 1490251. 2019, p. NREL/TP--6A20-70331, 1490251.
81	Lin & Fan (2020)	Lin Z, Fan W (David). 2020 Mar 19. Modeling bicycle volume using crowdsourced data from Strava smartphone application. International



#	Citation	Reference
		Journal of Transportation Science and Technology. doi: <a href="https://doi.org/10.1016/j.ijtst.2020.03.003">10.1016/j.ijtst.2020.03.003</a> . [accessed 2020 Jul 23]. <a href="http://www.sciencedirect.com/science/article/pii/S2046043020300204">http://www.sciencedirect.com/science/article/pii/S2046043020300204</a> .
4	Linlin et al. (2016)	Linlin Wu, Biao Yang, and Peng Jing. Travel Mode Detection Based on GPS Raw Data Collected by Smartphones: A Systematic Review of the Existing Methodologies. <i>Information</i> (2078-2489), Vol. 7, No. 4, 2016, p. 67.
82	Liu et al. (2014)	Liu F, Janssens D, Cui J, Wang Y, Wets G, Cools M. 2014. Building a validation measure for activity-based transportation models based on mobile phone data. <i>EXPERT SYSTEMS WITH APPLICATIONS</i> . 41(14):6174–6189. doi: <a href="https://doi.org/10.1016/j.eswa.2014.03.054">10.1016/j.eswa.2014.03.054</a> .
83	Lopez et al. (2017)	Lopez AJ, Semanjski I, Gautama S, Ochoa D. 2017. Assessment of Smartphone Positioning Data Quality in the Scope of Citizen Science Contributions. <i>MOBILE INFORMATION SYSTEMS</i> . 2017. doi: <a href="https://doi.org/10.1155/2017/4043237">10.1155/2017/4043237</a> .
84	Lue & Miller (2019)	Lue G, Miller EJ. 2019. Estimating a Toronto pedestrian route choice model using smartphone GPS data. <i>TRAVEL BEHAVIOUR AND SOCIETY</i> . 14:34–42. doi: <a href="https://doi.org/10.1016/j.tbs.2018.09.008">10.1016/j.tbs.2018.09.008</a> .
85	Luo et al. (2017)	Luo H, Chen D, Xiong Z, Wang K. 2017. Research on Trip Hotspot Discovery Algorithm Based on Hierarchical Clustering. Kim, YH, editor. <i>PROCEEDINGS OF THE 2017 6TH INTERNATIONAL CONFERENCE ON ENERGY AND ENVIRONMENTAL PROTECTION (ICEEP 2017)</i> . 143:246–251.
86	Lynch et al. (2019)	Lynch J, Dumont J, Greene E, Ehrlich J. 2019. Use of a Smartphone GPS Application for Recurrent Travel Behavior Data Collection. <i>Transportation Research Record</i> . 2673(7):89–98. doi: <a href="https://doi.org/10.1177/0361198119848708">10.1177/0361198119848708</a> .
17	Marra et al. (2019)	Marra, A. D., H. Becker, K. W. Axhausen, and F. Corman. Developing a Passive GPS Tracking System to Study Long-Term Travel Behavior. <i>Transportation Research Part C: Emerging Technologies</i> , Vol. 104, 2019, pp. 348–368. <a href="https://doi.org/10.1016/j.trc.2019.05.006">https://doi.org/10.1016/j.trc.2019.05.006</a> .
87	Maruyama et al. (2015)	Maruyama T, Sato Y, Nohara K, Imura S. 2015. Increasing Smartphone-based Travel Survey Participants. Morency, C and Munizaga, M and Greaves, S and Raimond, T, editor. <i>TRANSPORT SURVEY METHODS: EMBRACING BEHAVIOURAL AND TECHNOLOGICAL CHANGES</i> . 11:280–288. doi: <a href="https://doi.org/10.1016/j.trpro.2015.12.024">10.1016/j.trpro.2015.12.024</a> .
88	Menghini et al. (2010)	Menghini G, Carrasco N, Schüssler N, Axhausen KW. 2010. Route choice of cyclists in Zurich. <i>Transportation Research Part A: Policy and Practice</i> . 44(9):754–765. doi: <a href="https://doi.org/10.1016/j.tra.2010.07.008">10.1016/j.tra.2010.07.008</a> .
89	Merry & Bettinger (2019)	Merry K, Bettinger P. 2019. Smartphone GPS accuracy study in an urban environment. <i>PLOS ONE</i> . 14(7):e0219890. doi: <a href="https://doi.org/10.1371/journal.pone.0219890">10.1371/journal.pone.0219890</a> .

#	Citation	Reference
90	Montini et al. (2015)	Montini L, Prost S, Schrammel J, Rieser-Schassler N, Axhausen KW. 2015. Comparison of travel diaries generated from smartphone data and dedicated GPS devices. Morency, C and Munizaga, M and Greaves, S and Raimond, T, editor. TRANSPORT SURVEY METHODS: EMBRACING BEHAVIOURAL AND TECHNOLOGICAL CHANGES. 11:227–241. doi: <a href="https://doi.org/10.1016/j.trpro.2015.12.020">10.1016/j.trpro.2015.12.020</a> .
11	Munafò et al. (2017)	Munafò, M. R., B. A. Nosek, D. V. M. Bishop, K. S. Button, C. D. Chambers, N. Percie du Sert, U. Simonsohn, E.-J. Wagenmakers, J. J. Ware, and J. P. A. Ioannidis. A Manifesto for Reproducible Science. <i>Nature Human Behaviour</i> , Vol. 1, No. 1, 2017, pp. 1–9. <a href="https://doi.org/10.1038/s41562-016-0021">https://doi.org/10.1038/s41562-016-0021</a> .
91	Munoz et al. (2019)	Munoz L, Hausner VH, Monz CA. 2019. Advantages and Limitations of Using Mobile Apps for Protected Area Monitoring and Management. <i>SOCIETY &amp; NATURAL RESOURCES</i> . 32(4):473–488. doi: <a href="https://doi.org/10.1080/08941920.2018.1544680">10.1080/08941920.2018.1544680</a> .
92	Nahmias-Biran et al. (2018)	Nahmias-Biran B, Han Y, Bekhor S, Zhao F, Zegras C, Ben-Akiva M. 2018. Enriching Activity-Based Models using Smartphone-Based Travel Surveys. <i>TRANSPORTATION RESEARCH RECORD</i> . 2672(42):280–291. doi: <a href="https://doi.org/10.1177/0361198118798475">10.1177/0361198118798475</a> .
77	Neven et al. (2019)	Joseph L, Neven A, Martens K, Kweka O, Wets G, Janssens D. 2019 Jul 18. Measuring individuals’ travel behaviour by use of a GPS-based smartphone application in Dar es Salaam, Tanzania. <i>Journal of Transport Geography</i> .:102477. doi: <a href="https://doi.org/10.1016/j.jtrangeo.2019.102477">10.1016/j.jtrangeo.2019.102477</a> .
8	Nikolic & Bierlaire (2020)	Nikolic, M., and M. Bierlaire. Review of Transportation Mode Detection Approaches Based on Smartphone Data. <i>Infoscience</i> . <a href="https://infoscience.epfl.ch/record/229181">https://infoscience.epfl.ch/record/229181</a> . Accessed Jul. 29, 2020.
94	Nitsche et al. (2012)	Nitsche P, Widhalm P, Breuss S, Maurer P. 2012. A Strategy on How to Utilize Smartphones for Automatically Reconstructing Trips in Travel Surveys. <i>Procedia - Social and Behavioral Sciences</i> . 48:1033–1046. doi: <a href="https://doi.org/10.1016/j.sbspro.2012.06.1080">10.1016/j.sbspro.2012.06.1080</a> .
40	Nitsche et al. (2014)	Nitsche, P., P. Widhalm, S. Breuss, N. Brändle, and P. Maurer. Supporting Large-Scale Travel Surveys with Smartphones – A Practical Approach. <i>Transportation Research Part C: Emerging Technologies</i> , Vol. 43, 2014, pp. 212–221. <a href="https://doi.org/10.1016/j.trc.2013.11.005">https://doi.org/10.1016/j.trc.2013.11.005</a> .
36	Nour et al. (2015)	Nour, A., J. Casello, and B. Hellenga. <i>Developing and Optimizing a Transportation Mode Inference Model Utilizing Data from GPS Embedded Smartphones</i> . 2015.
29	Paek et al. (2010)	Paek, J., J. Kim, and R. Govindan. Energy-Efficient Rate-Adaptive GPS-Based Positioning for Smartphones. New York, NY, USA, 2010.
13	Patterson & Fitzsimmons (2016)	Patterson, Z., and K. Fitzsimmons. DataMobile: Smartphone Travel Survey Experiment. <i>Transportation Research Record</i> , Vol. 2594, No. 1, 2016, pp. 35–43. <a href="https://doi.org/10.3141/2594-07">https://doi.org/10.3141/2594-07</a> .

#	Citation	Reference
42	Patterson et al. (2019)	Patterson, Z., K. Fitzsimmons, S. Jackson, and T. Mukai. Itinerum: The Open Smartphone Travel Survey Platform. <i>SoftwareX</i> , Vol. 10, 2019. <a href="https://doi.org/10.1016/j.softx.2019.04.002">https://doi.org/10.1016/j.softx.2019.04.002</a> .
2	Pew (2022)	Pew Research Center. Demographics of Mobile Device Ownership and Adoption in the United States. Pew Research Center: Internet, Science & Tech.
9	Prelipcean et al. (2017)	Prelipcean, A. C., G. Gidófalvi, and Y. O. Susilo. Transportation Mode Detection – an in-Depth Review of Applicability and Reliability. <i>Transport Reviews</i> , Vol. 37, No. 4, 2017, pp. 442–464. <a href="https://doi.org/10.1080/01441647.2016.1246489">https://doi.org/10.1080/01441647.2016.1246489</a> .
38	Rasmussen et al. (2015)	Rasmussen, T. K., J. B. Ingvardson, K. Halldórsdóttir, and O. A. Nielsen. Improved Methods to Deduct Trip Legs and Mode from Travel Surveys Using Wearable GPS Devices: A Case Study from the Greater Copenhagen Area. <i>Computers, Environment and Urban Systems</i> , Vol. 54, 2015, pp. 301–313. <a href="https://doi.org/10.1016/j.compenvurbsys.2015.04.001">https://doi.org/10.1016/j.compenvurbsys.2015.04.001</a> .
95	Rezaie (2018)	Rezaie M. 2018. Knowledge inference from smartphone GPS data. [Montréal, Québec]: Concordia University.
96	Rezaie et al. (2017)	Rezaie M, Patterson Z, Yu JY, Yazdizadeh A. 2017. Semi-supervised Travel Mode Detection from Smartphone Data. 2017 International Smart Cities Conference (ISC2).
97	Roddis et al. (2019)	Roddis S, Winter S, Zhao F, Kutadinata R. 2019. Respondent preferences in travel survey design: An initial comparison of narrative, structured and technology-based travel survey instruments. <i>TRAVEL BEHAVIOUR AND SOCIETY</i> . 16:1–12. doi: <a href="https://doi.org/10.1016/j.tbs.2019.03.003">10.1016/j.tbs.2019.03.003</a> .
98	Roider et al. (2019)	Roider O, Wegener S, Stark J, Judmaier P, Michelberger F, Barberi A. 2019. Merging Virtual World with Real-Life Behavior: A Concept for a Smartphone App to Influence Young People’s Travel Behavior. <i>TRANSPORTATION RESEARCH RECORD</i> . 2673(4):241–250. doi: <a href="https://doi.org/10.1177/0361198119835812">10.1177/0361198119835812</a> .
99	Rupi & Schweizer (2018)	Rupi F, Schweizer J. 2018. Evaluating cyclist patterns using GPS data from smartphones. <i>IET INTELLIGENT TRANSPORT SYSTEMS</i> . 12(4):279–285. doi: <a href="https://doi.org/10.1049/iet-its.2017.0285">10.1049/iet-its.2017.0285</a> .
100	Saddier et al. (2016)	Saddier S, Patterson Z, Chan M, Johnson. 2016. Mapping the Jitney Network with Smartphones in Accra, Ghana: The AccraMobile Experiment. <i>Transportation Research Record</i> . 2581. doi: <a href="https://doi.org/10.3141/2581-14">10.3141/2581-14</a> .
21	Safi et al. (2015)	Safi, H., B. Assemi, M. Mesbah, L. Ferreira, and M. Hickman. Design and Implementation of a Smartphone-Based Travel Survey. <i>Transportation Research Record</i> , Vol. 2526, No. 1, 2015, pp. 99–107. <a href="https://doi.org/10.3141/2526-11">https://doi.org/10.3141/2526-11</a> .
101	Safi et al. (2016)	Safi H, Assemi B, Mesbah M, Ferreira L. 2016. Trip Detection with Smartphone-Assisted Collection of Travel Data.



#	Citation	Reference
		TRANSPORTATION RESEARCH RECORD.(2594):18–26. doi: <a href="https://doi.org/10.3141/2594-03">10.3141/2594-03</a> .
102	Safi et al. (2017)	Safi H, Assemi B, Mesbah M, Ferreira L. 2017. An empirical comparison of four technology-mediated travel survey methods. JOURNAL OF TRAFFIC AND TRANSPORTATION ENGINEERING-ENGLISH EDITION. 4(1, SI):80–87. doi: <a href="https://doi.org/10.1016/j.jtte.2015.12.003">10.1016/j.jtte.2015.12.003</a> .
103	Semanjski et al. (2017)	Semanjski I, Gautama S, Ahas R, Witlox F. 2017. Spatial context mining approach for transport mode recognition from mobile sensed big data. COMPUTERS ENVIRONMENT AND URBAN SYSTEMS. 66:38–52. doi: <a href="https://doi.org/10.1016/j.compenvurbsys.2017.07.004">10.1016/j.compenvurbsys.2017.07.004</a> .
104	Seo et al. (2019)	Seo T, Kusakabe T, Gotoh H, Asakura Y. 2019. Interactive online machine learning approach for activity-travel survey. TRANSPORTATION RESEARCH PART B-METHODOLOGICAL. 123:362–373. doi: <a href="https://doi.org/10.1016/j.trb.2017.11.009">10.1016/j.trb.2017.11.009</a> .
6	Servizi et al. (2019)	Servizi, V., F. C. Pereira, M. K. Anderson, and O. A. Nielsen. Mining User Behaviour from Smartphone Data, a Literature Review. <i>arXiv preprint arXiv:1912.11259</i> , 2019.
105	Shafique & Hato (2015a)	Shafique MA, Hato E. 2015a. Modelling of accelerometer data for travel mode detection by hierarchical application of binomial logistic regression. Santos, BF and Correia, GHA and Kroesen, M, editor. 18 <sup>th</sup> Euro Working Group on Transportation, EWGT 2015. 10:236–244. doi: <a href="https://doi.org/10.1016/j.trpro.2015.09.073">10.1016/j.trpro.2015.09.073</a> .
106	Shafique & Hato (2015b)	Shafique MA, Hato E. 2015b. Use of acceleration data for transportation mode prediction. TRANSPORTATION. 42(1):163–188. doi: <a href="https://doi.org/10.1007/s11116-014-9541-6">10.1007/s11116-014-9541-6</a> .
27	Shafique & Hato (2016)	Shafique, M. A., and Eiji Hato. Travel Mode Detection with Varying Smartphone Data Collection Frequencies. <i>Sensors (14248220)</i> , Vol. 16, No. 5, 2016, p. 716. <a href="https://doi.org/10.3390/s16050716">https://doi.org/10.3390/s16050716</a> .
107	Shafique & Hato (2017)	Shafique MA, Hato E. 2017. Classification of Travel Data with Multiple Sensor Information using Random Forest. Celikoglu, HB and Lav, AH and Silgu, MA, editor. 19TH EURO WORKING GROUP ON TRANSPORTATION MEETING (EWGT2016). 22:144–153. doi: <a href="https://doi.org/10.1016/j.trpro.2017.03.021">10.1016/j.trpro.2017.03.021</a> .
109	Shankari et al. (2015)	Shankari K, Yin M, Culler D, Katz R. 2015. E-Mission: Automated transportation emission calculation using smartphones. In: 2015 IEEE international conference on pervasive computing and communication workshops (PerCom workshops). IEEE. p. 268–271.
108	Shankari et al. (2018)	Shankari K, Bouzaghrane MA, Maurer SM, Waddell P, Culler DE, Katz RH. 2018. e-mission: An Open-Source, Smartphone Platform for Collecting Human Travel Data. TRANSPORTATION RESEARCH RECORD. 2672(42):1–12. doi: <a href="https://doi.org/10.1177/0361198118770167">10.1177/0361198118770167</a> .
10	Shen & Stopher (2014)	Shen, L., and P. R. Stopher. Review of GPS Travel Survey and GPS Data-Processing Methods. <i>Transport Reviews</i> , Vol. 34, No. 3, 2014, pp. 316–334. <a href="https://doi.org/10.1080/01441647.2014.903530">https://doi.org/10.1080/01441647.2014.903530</a> .

#	Citation	Reference
110	Shen et al. (2019)	Shen J, Jiang H, Yang F, Yao Z. 2019. Trip mode recognition using smartphone sensor data under different sampling frequencies. <i>WEB Intelligence</i> . 17(2, SI):151–160. doi: <a href="https://doi.org/10.3233/WEB-190409">10.3233/WEB-190409</a> .
111	Stenneth et al. (2011)	Stenneth L, Wolfson O, Yu PS, Xu B. 2011. Transportation mode detection using mobile phones and GIS information. In: <i>Proceedings of the 19th ACM SIGSPATIAL International Conference on Advances in Geographic Information Systems</i> . Chicago, Illinois: Association for Computing Machinery. (GIS '11). p. 54–63. [accessed 2020 Jul 23]. <a href="https://doi.org/10.1145/2093973.2093982">https://doi.org/10.1145/2093973.2093982</a> .
113	Stipancic et al. (2017)	Stipancic J, Miranda-Moreno L, Saunier N. 2017. Impact of Congestion and Traffic Flow on Crash Frequency and Severity Application of Smartphone-Collected GPS Travel Data. <i>TRANSPORTATION RESEARCH RECORD</i> .(2659):43–54. doi: <a href="https://doi.org/10.3141/2659-05">10.3141/2659-05</a> .
114	Stipancic et al. (2018)	Stipancic J, Miranda-Moreno L, Saunier N. 2018. Vehicle manoeuvres as surrogate safety measures: Extracting data from the gps-enabled smartphones of regular drivers. <i>ACCIDENT ANALYSIS AND PREVENTION</i> . 115:160–169. doi: <a href="https://doi.org/10.1016/j.aap.2018.03.005">10.1016/j.aap.2018.03.005</a> .
112	Stipancic et al. (2019)	Stipancic J, Miranda-Moreno L, Labbe A, Saunier N. 2019. Measuring and visualizing space-time congestion patterns in an urban road network using large-scale smartphone-collected GPS data. <i>TRANSPORTATION LETTERS-THE INTERNATIONAL JOURNAL OF TRANSPORTATION RESEARCH</i> . 11(7):391–401. doi: <a href="https://doi.org/10.1080/19427867.2017.1374022">10.1080/19427867.2017.1374022</a> .
115	Stopher et al. (2018)	Stopher PR, Daigler V, Griffith S. 2018. Smartphone app versus GPS Logger: A comparative study. <i>Transportation Research Procedia</i> . 32:135–145. doi: <a href="https://doi.org/10.1016/j.trpro.2018.10.026">10.1016/j.trpro.2018.10.026</a> .
116	Su et al. (2017)	Su X, Yao Y, He Q, Lu J, Tong H. 2017. Personalized Travel Mode Detection with Smartphone Sensors. Nie, JY and Obradovic, Z and Suzumura, T and Ghosh, R and Nambiar, R and Wang, C and Zang, H and BaezaYates, R and Hu, X and Kepner, J and Cuzzocrea, A and Tang, J and Toyoda, M, editor. 2017 IEEE INTERNATIONAL CONFERENCE ON BIG DATA (BIG DATA):1341–1348.
37	Tang and Cheng (2016)	Wenyun Tang, and Lin Cheng. Analyzing Multiday Route Choice Behavior of Commuters Using GPS Data. <i>Advances in Mechanical Engineering</i> , 2016. <a href="https://doi.org/10.1177/1687814016633030">https://doi.org/10.1177/1687814016633030</a> .
24	Thomas et al. (2018)	Thomas, T., K. T. Geurs, J. Koolwaaij, and M. Bijlsma. Automatic Trip Detection with the Dutch Mobile Mobility Panel: Towards Reliable Multiple-Week Trip Registration for Large Samples. <i>Journal of Urban Technology</i> , Vol. 25, No. 2, 2018, pp. 143–161. <a href="https://doi.org/10.1080/10630732.2018.1471874">https://doi.org/10.1080/10630732.2018.1471874</a> .
117	Thomas et al. (2019)	Thomas T, Puello LLP, Geurs K. 2019. Intrapersonal mode choice variation: Evidence from a four-week smartphone-based travel survey in the Netherlands. <i>JOURNAL OF TRANSPORT GEOGRAPHY</i> . 76:287–300. doi: <a href="https://doi.org/10.1016/j.jtrangeo.2018.06.021">10.1016/j.jtrangeo.2018.06.021</a> .

#	Citation	Reference
31	Tsui & Shalaby (2006)	Tsui, S. Y. A., and A. S. Shalaby. Enhanced System for Link and Mode Identification for Personal Travel Surveys Based on Global Positioning Systems: <i>Transportation Research Record</i> , 2006. <a href="https://doi.org/10.1177/0361198106197200105">https://doi.org/10.1177/0361198106197200105</a> .
1	UN (2016)	United Nations. <i>The World's Cities in 2016</i> . UN, 2016.
118	Vacca & Meloni (2015)	Vacca A, Meloni I. 2015. Understanding route switch behavior: an analysis using GPS based data. Musso, A and Nuzzolo, A and Crisalli, U and Longo, G, editor. SIDT SCIENTIFIC SEMINAR 2013. 5:56–65. doi: <a href="https://doi.org/10.1016/j.trpro.2015.01.018">10.1016/j.trpro.2015.01.018</a> .
44	Verzosa et al. (2018)	Verzosa, N., S. Greaves, R. Ellison, A. Ellison, and M. Davis. Eliciting Preferences for ‘Gamified’ Travel Surveys: A Best-Worst Approach. <i>Transportation Research Procedia</i> , Vol. 32, 2018, pp. 211–223. <a href="https://doi.org/10.1016/j.trpro.2018.10.039">https://doi.org/10.1016/j.trpro.2018.10.039</a> .
45	Vich et al. (2017)	Vich, G., O. Marquet, and C. Miralles-Guasch. Suburban Commuting and Activity Spaces: Using Smartphone Tracking Data to Understand the Spatial Extent of Travel Behaviour. <i>The Geographical Journal</i> , Vol. 183, No. 4, 2017, pp. 426–439. <a href="https://doi.org/10.1111/geoj.12220">https://doi.org/10.1111/geoj.12220</a> .
119	Vlassenroot et al. (2015)	Vlassenroot S, Gillis D, Bellens R, Gautama S. 2015. The Use of Smartphone Applications in the Collection of Travel Behaviour Data. <i>Int J ITS Res</i> . 13(1):17–27. doi: <a href="https://doi.org/10.1007/s13177-013-0076-6">10.1007/s13177-013-0076-6</a> .
135	Von Elm et al. (2007)	Von Elm E, Altman DG, Egger M, Pocock SJ, Gøtzsche PC, Vandenbroucke JP. The Strengthening the Reporting of Observational Studies in Epidemiology (STROBE) statement: guidelines for reporting observational studies. <i>Bulletin of the World Health Organization</i> . 2007;85:867-72.
120	Wang et al. (2017)	Wang B, Gao L, Juan Z. 2017. A trip detection model for individual smartphone-based GPS records with a novel evaluation method. <i>Advances in Mechanical Engineering</i> . 9(6):1687814017705066. doi: <a href="https://doi.org/10.1177/1687814017705066">10.1177/1687814017705066</a> .
5	Wang et al. (2018)	Wang, Z., S. Y. He, and Y. Leung. Applying Mobile Phone Data to Travel Behaviour Research: A Literature Review. <i>TRAVEL BEHAVIOUR AND SOCIETY</i> , ELSEVIER, RADARWEG 29, 1043 NX AMSTERDAM, NETHERLANDS, 11, Apr, 2018, pp. 141–155.
121	Wang et al. (2018)	Wang B, Gao L, Juan Z. 2018. Travel Mode Detection Using GPS Data and Socioeconomic Attributes Based on a Random Forest Classifier. <i>IEEE Transactions on Intelligent Transportation Systems</i> . 19(5):1547–1558. doi: <a href="https://doi.org/10.1109/TITS.2017.2723523">10.1109/TITS.2017.2723523</a> .
35	Wu et al. (2011)	Wu, J., C. Jiang, D. Houston, D. Baker, and R. Delfino. Automated Time Activity Classification Based on Global Positioning System (GPS) Tracking Data. <i>ENVIRONMENTAL HEALTH</i> , Vol. 10, 2011. <a href="https://doi.org/10.1186/1476-069X-10-101">https://doi.org/10.1186/1476-069X-10-101</a> .
122	Xianyu et al. (2017)	Xianyu J, Rasouli S, Timmermans H. 2017. Analysis of variability in multi-day GPS imputed activity-travel diaries using multi-dimensional sequence alignment and panel effects regression models.

#	Citation	Reference
		TRANSPORTATION. 44(3):533–553. doi: <a href="https://doi.org/10.1007/s11116-015-9666-2">10.1007/s11116-015-9666-2</a> .
32	Xiao et al. (2015)	Xiao, G., Z. Juan, and C. Zhang. Travel Mode Detection Based on GPS Track Data and Bayesian Networks. <i>Computers, Environment &amp; Urban Systems</i> , Vol. 54, 2015, pp. 14–22. <a href="https://doi.org/10.1016/j.compenvurbsys.2015.05.005">https://doi.org/10.1016/j.compenvurbsys.2015.05.005</a> .
123	Xiao et al. (2016)	Xiao G, Juan Z, Zhang C. 2016. Detecting trip purposes from smartphone-based travel surveys with artificial neural networks and particle swarm optimization. <i>Transportation Research Part C: Emerging Technologies</i> . 71:447–463. doi: <a href="https://doi.org/10.1016/j.trc.2016.08.008">10.1016/j.trc.2016.08.008</a> .
18	Xiao et al. (2019)	Xiao, G., Q. Cheng, and C. Zhang. Detecting Travel Modes from Smartphone-Based Travel Surveys with Continuous Hidden Markov Models. <i>International Journal of Distributed Sensor Networks</i> , Vol. 15, No. 4, 2019, p. N.PAG-N.PAG. <a href="https://doi.org/10.1177/1550147719844156">https://doi.org/10.1177/1550147719844156</a> .
39	Yang et al. (2015)	Yang, F., Z. Yao, and P. J. Jin. GPS and Acceleration Data in Multimode Trip Data Recognition Based on Wavelet Transform Modulus Maximum Algorithm. <i>TRANSPORTATION RESEARCH RECORD</i> , SAGE PUBLICATIONS INC, 2455 TELLER RD, THOUSAND OAKS, CA 91320 USA, 2526, , 2015, pp. 90–98.
124	Yazdizadeh et al. (2019)	Yazdizadeh A, Patterson Z, Farooq B. 2019. An automated approach from GPS traces to complete trip information. <i>International Journal of Transportation Science and Technology</i> . 8(1):82–100. doi: <a href="https://doi.org/10.1016/j.ijtst.2018.08.003">10.1016/j.ijtst.2018.08.003</a> .
125	You et al. (2018)	You L, Zhao F, Cheah L, Jeong K, Zegras C, Ben-Akiva M. 2018. Future Mobility Sensing: An Intelligent Mobility Data Collection and Visualization Platform. 2018 21ST INTERNATIONAL CONFERENCE ON INTELLIGENT TRANSPORTATION SYSTEMS (ITSC).:2653–2658.
126	Zahabi & Patterson (2016)	Zahabi SA, Patterson Z. 2016. Towards Transit Trip Itinerary Inference from Smart-Phone Data: A Case Study from Montreal, Canada. Interuniversity Research Centre on Enterprise Networks, Logistics, and Transportation, Montreal, Quebec, Canada.
127	Zahabi et al. (2017)	Zahabi SAH, Ajzachi A, Patterson Z. 2017. Transit Trip Itinerary Inference with GTFS and Smartphone Data. <i>Transportation Research Record</i> . 2652(1):59–69. doi: <a href="https://doi.org/10.3141/2652-07">10.3141/2652-07</a> .
19	Zandbergen (2009)	Zandbergen, P. A. Accuracy of iPhone Locations: A Comparison of Assisted GPS, WiFi and Cellular Positioning. <i>Transactions in GIS</i> , Vol. 13, No. s1, 2009, pp. 5–25. <a href="https://doi.org/10.1111/j.1467-9671.2009.01152.x">https://doi.org/10.1111/j.1467-9671.2009.01152.x</a> .
128	Zegras et al. (2018)	Zegras PC, Li M, Kilic T, Lozano-Gracia N, Ghorpade A, Tiberti M, Aguilera AI, Zhao F. 2018. Assessing the representativeness of a smartphone-based household travel survey in Dar es Salaam, Tanzania. <i>Transportation</i> . 45(2):335–363. doi: <a href="https://doi.org/10.1007/s11116-017-9851-6">10.1007/s11116-017-9851-6</a> .

#	Citation	Reference
15	Zhang (2015)	Zhang, Y. <i>Microsimulating Active Transportation Mode Choice Using Smartphone-Based Travel Survey and Transportation Tomorrow Survey Data</i> . University of Toronto (Canada), 2015.
129	Zhao et al. (2015a)	Zhao F, Ghorpade A, Pereira FC, Zegras C, Ben-Akiva M. 2015. Stop Detection in Smartphone-based Travel Surveys. <i>Transportation Research Procedia</i> . 11:218–226. doi: <a href="https://doi.org/10.1016/j.trpro.2015.12.019">10.1016/j.trpro.2015.12.019</a> .
130	Zhao et al. (2015b)	Zhao F, Pereira FC, Ball R, Kim Y, Han Y, Zegras C, Ben-Akiva M. 2015. Exploratory Analysis of a Smartphone-Based Travel Survey in Singapore. <i>TRANSPORTATION RESEARCH RECORD</i> .(2494):45–56. doi: <a href="https://doi.org/10.3141/2494-06">10.3141/2494-06</a> .
131	Zhou et al. (2017)	Zhou C, Jia H, Juan Z, Fu X, Xiao G. 2017. A Data-Driven Method for Trip Ends Identification Using Large-Scale Smartphone-Based GPS Tracking Data. <i>IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS</i> . 18(8):2096–2110. doi: <a href="https://doi.org/10.1109/TITS.2016.2630733">10.1109/TITS.2016.2630733</a> .
132	Zhou et al. (2019)	Zhou Y, Yang C, Zhu R. 2019. Identifying trip ends from raw GPS data with a hybrid spatio-temporal clustering algorithm and random forest model: a case study in Shanghai. <i>TRANSPORTATION PLANNING AND TECHNOLOGY</i> . 42(8):739–756. doi: <a href="https://doi.org/10.1080/03081060.2019.1675309">10.1080/03081060.2019.1675309</a> .
133	Zimmerman et al. (2017)	Zimmermann M, Mai T, Frejinger E. 2017. Bike route choice modeling using GPS data without choice sets of paths. <i>Transportation Research Part C: Emerging Technologies</i> . 75:183–196. doi: <a href="https://doi.org/10.1016/j.trc.2016.12.009">10.1016/j.trc.2016.12.009</a>