

REFERENCES

- Alcorn, L. G., & Jiao, J. (2023). Bike-Sharing Station Usage and the Surrounding Built Environments in Major Texas Cities. *Journal of Planning Education and Research*, 43(1), 122–135. <https://doi.org/10.1177/0739456X19862854>
- Aziz, H. M. A., Park, B. H., Morton, A., Stewart, R. N., Hilliard, M., & Maness, M. (2018a). A high-resolution agent-based model to support walk-bicycle infrastructure investment decisions: A case study with New York City. *Transportation Research Part C: Emerging Technologies*, 86, 280–299. <https://doi.org/10.1016/j.trc.2017.11.008>
- Aziz, H. M. A., Park, B. H., Morton, A., Stewart, R. N., Hilliard, M., & Maness, M. (2018b). A high-resolution agent-based model to support walk-bicycle infrastructure investment decisions: A case study with New York City. *Transportation Research Part C: Emerging Technologies*, 86, 280–299. <https://doi.org/10.1016/j.trc.2017.11.008>
- Basch, C. H., Ethan, D., Fera, J., Kollia, B., & Basch, C. E. (2023a). Micromobility Vehicles, Obstructions, and Rider Safety Behaviours in New York City Bike Lanes. *Journal of Community Health*, 48(3), 522–527. <https://doi.org/10.1007/s10900-023-01197-6>
- Basch, C. H., Ethan, D., Fera, J., Kollia, B., & Basch, C. E. (2023b). Micromobility Vehicles, Obstructions, and Rider Safety Behaviours in New York City Bike Lanes. *Journal of Community Health*, 48(3), 522–527. <https://doi.org/10.1007/s10900-023-01197-6>
- Bencekri, M., Van Fan, Y., Lee, D., Choi, M., & Lee, S. (2024). Optimizing shared bike systems for economic gain: Integrating land use and retail. *Journal of Transport Geography*, 118. <https://doi.org/10.1016/j.jtrangeo.2024.103920>
- Bielinski, T., Kwapisz Agnieszka, & Wazna Agnieszka. (2021). Electric bike-sharing services mode substitution for driving, public transit, and cycling. *Transport Research Part D*.

- Callaway, B., & Sant'anna, P. H. C. (2018). *Difference-in-Differences with Multiple Time Periods and an Application on the Minimum Wage and Employment*. *Difference-in-Differences with Multiple Time Periods and an Application on the Minimum Wage and Employment* *.
<http://www.cla.temple.edu/economics/faculty/detu-working-paper-series/>
- Callaway, B., & Sant'Anna, P. H. C. (2021). Difference-in-Differences with multiple time periods. *Journal of Econometrics*, 225(2), 200–230.
<https://doi.org/10.1016/j.jeconom.2020.12.001>
- Campbell, A. A., Cherry, C. R., Ryerson, M. S., & Yang, X. (2016). Factors influencing the choice of shared bicycles and shared electric bikes in Beijing. *Transportation Research Part C: Emerging Technologies*, 67, 399–414.
<https://doi.org/10.1016/j.trc.2016.03.004>
- Chiou, Y. C., & Wu, K. C. (2024). Bike sharing: The first- and last-mile service of public transportation? Evidence from an origin–destination perspective. *Transportation Research Part A: Policy and Practice*, 187.
<https://doi.org/10.1016/j.tra.2024.104162>
- Çolak, S., Lima, A., & González, M. C. (2016). Understanding congested travel in urban areas. *Nature Communications*, 7. <https://doi.org/10.1038/ncomms10793>
- DeMaio, P. (2009). *Bike-sharing: History, Impacts, Models of Provision, and Future*.
- Dzięcielski, M., Nikitas, A., Radzimski, A., & Caulfield, B. (2024). Understanding the determinants of bike-sharing demand in the context of a medium-sized car-oriented city: The case study of Milton Keynes, UK. *Sustainable Cities and Society*, 114.
<https://doi.org/10.1016/j.scs.2024.105781>
- Fishman, E. (2016). Bikeshare: A Review of Recent Literature. *Transport Reviews*, 36(1), 92–113. <https://doi.org/10.1080/01441647.2015.1033036>
- Fishman, E., & Allan, V. (2019). Bike share. In *Advances in Transport Policy and Planning* (Vol. 4, pp. 121–152). Elsevier B.V.
<https://doi.org/10.1016/bs.atpp.2019.05.003>

- Fishman, E., & Cherry, C. (2016). E-bikes in the Mainstream: Reviewing a Decade of Research. *Transport Reviews*, 36(1), 72–91.
<https://doi.org/10.1080/01441647.2015.1069907>
- Fishman, E., & Schepers, P. (2016). Global bike share: What the data tells us about road safety. *Journal of Safety Research*, 56, 41–45.
<https://doi.org/10.1016/j.jsr.2015.11.007>
- Fishman, E., Washington, S., Haworth, N., & Mazzei, A. (2014). Barriers to bike sharing: An analysis from Melbourne and Brisbane. *Journal of Transport Geography*, 41, 325–337. <https://doi.org/10.1016/j.jtrangeo.2014.08.005>
- Fishman, E., Washington, S., Haworth, N., & Watson, A. (2015). Factors influencing bike share membership: An analysis of Melbourne and Brisbane. *Transportation Research Part A: Policy and Practice*, 71, 17–30.
<https://doi.org/10.1016/j.tra.2014.10.021>
- Giner Fabregat, G., Fonseca i Casas, P., & Rivero Martínez, A. (2025). Intelligent Optimization of Bike-Sharing Systems: Predictive Models and Algorithms for Equitable Bicycle Distribution in Barcelona. *Sustainability (Switzerland)*, 17(10).
<https://doi.org/10.3390/su17104316>
- Godavarthy, R., Mattson, J., & Hough, J. (2022). Impact of bike share on transit ridership in a smaller city with a university-oriented bike share program. *Journal of Public Transportation*, 24. <https://doi.org/10.1016/j.jpubtr.2022.100015>
- Goodman-Bacon, A. (2021). Difference-in-differences with variation in treatment timing. *Journal of Econometrics*, 225(2), 254–277.
<https://doi.org/10.1016/j.jeconom.2021.03.014>
- Hossain, S., Loa, P., Ong, F., & Habib, K. N. (2024). Exploring the spatiotemporal factors affecting bicycle-sharing demand during the COVID-19 pandemic. *Transportation*, 51(5), 1575–1610. <https://doi.org/10.1007/s11116-023-10378-0>

- Huang, G., & Xu, D. (2023). The last mile matters: Impact of dockless bike-sharing services on traffic congestion. *Transportation Research Part D: Transport and Environment*, 121. <https://doi.org/10.1016/j.trd.2023.103836>
- Julio, R., & Monzon, A. (2022). Long term assessment of a successful e-bike-sharing system. Key drivers and impact on travel behaviour. *Case Studies on Transport Policy*, 10(2), 1299–1313. <https://doi.org/10.1016/j.cstp.2022.04.019>
- Keler, A., Krisp, J. M., & Ding, L. (2020). Extracting commuter-specific destination hotspots from trip destination data—comparing the boro taxi service with Citi Bike in NYC. *Geo-Spatial Information Science*, 23(2), 141–152. <https://doi.org/10.1080/10095020.2019.1621008>
- Kou, Z., & Cai, H. (2021). Comparing the performance of different types of bike share systems. *Transportation Research Part D: Transport and Environment*, 94. <https://doi.org/10.1016/j.trd.2021.102823>
- Li, Q., Luca, D., Fuerst, F., & Wei, Z. (2024). Success in tandem? The impact of the introduction of e-bike sharing on bike sharing usage. *Research in Transportation Economics*.
- Liu, Z., Gokon, H., & Sekimoto, Y. (2024). Long-Term Demand Prediction for Public Bicycle Sharing System: A Spatio-Temporal Attentional Graph Convolution Networks Approach. *IEEE Transactions on Intelligent Transportation Systems*, 25(12), 21515–21527. <https://doi.org/10.1109/TITS.2024.3469169>
- Loaiza-Monsalve, D., & Riascos, A. P. (2019). Human mobility in bike-sharing systems: Structure of local and non-local dynamics. *PLoS ONE*, 14(3). <https://doi.org/10.1371/journal.pone.0213106>
- Macedo, F. E., Raaphorst, K. M. C., Bevelander, K. E., & van der Krabben, E. (2023). The influence of the built environment on active school travel in the Netherlands: A mode choice analysis. *Multimodal Transportation*, 2(4). <https://doi.org/10.1016/j.multra.2023.100103>

- Machavarapu, P. K., & Ram, S. (2022). Review on public bike share schemes in large developing cities: A case study of Delhi, India. *Case Studies on Transport Policy*, 10(4), 2075–2091. <https://doi.org/10.1016/j.cstp.2022.09.009>
- Machavarapu, P. K., Ram, S., & Kant, P. (2023). Factors influencing bike share intentions of users in Indian cities: a structural equation modelling approach. *Urban, Planning and Transport Research*, 11(1). <https://doi.org/10.1080/21650020.2023.2276405>
- Macmillan, A., & Woodcock, J. (2017). Understanding bicycling in cities using system dynamics modelling. *Journal of Transport and Health*, 7, 269–279. <https://doi.org/10.1016/j.jth.2017.08.002>
- Malandri, C., Patuelli, R., Rabasco, M., Reggiani, A., Rossetti, R., & Nichols, A. (2025). Implementing Bike-Sharing Stations in Urban Areas: An Integrated Multi Criteria-Accessibility Approach. *Networks and Spatial Economics*. <https://doi.org/10.1007/s11067-025-09683-1>
- Mavin De Silva, M., Baddewela, P., Sivakumar, T., & Nakayama, T. (n.d.). *Promoting Sustainable Mobility by Addressing Inequities in Electric Bike-Sharing Systems*.
- Mingze Gao. (2023, August 17). *Difference-in-Differences Estimation*.
- Moran, M., Salman, M., & Yabe, T. (2025). *Causal Impacts of Protected Bike Lanes on Cycling Behaviour with Demographic Disparities*. <http://arxiv.org/abs/2507.04936>
- next bike. (2017). Bike Sharing, Five Generations Later: What ‘s next. *Innovation in Transport for Sustainable Cities and Regions*.
- Qiu, L. Y., & He, L. Y. (2018). Bike sharing and the economy, the environment, and health-related externalities. *Sustainability (Switzerland)*, 10(4). <https://doi.org/10.3390/su10041145>
- Quan, Y., Zhixin, Y., & Yayuan, X. (2024). Causal inference of Seoul bike sharing demand. *Computational Mathematics and Its Applications*, 2(1), 005–009. <https://doi.org/10.17352/cma.0000005>

- Ricci, M. (2015). Bike sharing: A review of evidence on impacts and processes of implementation and operation. *Research in Transportation Business and Management*, 15, 28–38. <https://doi.org/10.1016/j.rtbm.2015.03.003>
- Roth, J., Sant'Anna, P. H. C., Bilinski, A., & Poe, J. (2023). *What's Trending in Difference-in-Differences? A Synthesis of the Recent Econometrics Literature*. <http://arxiv.org/abs/2201.01194>
- Rui, J., & Xu, Y. (2024). Beyond built environment: Unveiling the interplay of streetscape perceptions and cycling behaviour. *Sustainable Cities and Society*, 109. <https://doi.org/10.1016/j.scs.2024.105525>
- Serna, A., Ruiz, T., Gerrikagoitia, J. K., & Arroyo, R. (2019). Identification of enablers and barriers for public bike share system adoption using social media and statistical models. *Sustainability (Switzerland)*, 11(22). <https://doi.org/10.3390/su11226259>
- Shaheen, S., Guzman, S., & Zhang, H. (2010). Bikesharing in Europe, the Americas, and Asia. *Transportation Research Record*, 2143, 159–167. <https://doi.org/10.3141/2143-20>
- Shui, C. S., & Szeto, W. Y. (2020). A review of bicycle-sharing service planning problems. *Transportation Research Part C: Emerging Technologies*, 117. <https://doi.org/10.1016/j.trc.2020.102648>
- Tao, T., Wang, J., & Cao, X. (2020). Exploring the non-linear associations between spatial attributes and walking distance to transit. *Journal of Transport Geography*, 82. <https://doi.org/10.1016/j.jtrangeo.2019.102560>
- Teixeira, J. F., & Lopes, M. (2020). The link between bike sharing and subway use during the COVID-19 pandemic: The case-study of New York's Citi Bike. *Transportation Research Interdisciplinary Perspectives*, 6. <https://doi.org/10.1016/j.trip.2020.100166>
- The Meddin Bike-sharing World Map Report*. (2022). <https://bikesharingworldmap.com/>

- Todd, J., O'Brien, O., & Cheshire, J. (2021). A global comparison of bicycle sharing systems. *Journal of Transport Geography*, 94. <https://doi.org/10.1016/j.jtrangeo.2021.103119>
- UN-Habitat. (2022). *World Cities Report 2022*.
- Wang, X., Lindsey, G., Schoner, J. E., & Harrison, A. (n.d.). Modelling Bike Share Station Activity: Effects of Nearby Businesses and Jobs on Trips to and from Stations. *Journal of Urban Planning and Development*, 142(1). [https://doi.org/10.1061/\(ASCE\)UP.1943](https://doi.org/10.1061/(ASCE)UP.1943)
- World Bank. (2024). *Urban population*.
- Yang, H., Shi, J., & Tao, T. (2025). Where do built environment attributes most effectively influence bike sharing usage? *Transportation Research Part D: Transport and Environment*, 143. <https://doi.org/10.1016/j.trd.2025.104717>
- Zhang, L., & Song, J. (2022a). The periodicity and initial evolution of micro-mobility systems: a case study of the docked bike-sharing system in New York City, USA. *European Transport Research Review*, 14(1). <https://doi.org/10.1186/s12544-022-00549-y>
- Zhang, L., & Song, J. (2022b). The periodicity and initial evolution of micro-mobility systems: a case study of the docked bike-sharing system in New York City, USA. *European Transport Research Review*, 14(1). <https://doi.org/10.1186/s12544-022-00549-y>
- Zhou, J., Guo, Y., Sun, J., Yu, E., & Wang, R. (2022a). Review of bike-sharing system studies using bibliometrics method. In *Journal of Traffic and Transportation Engineering (English Edition)* (Vol. 9, Issue 4, pp. 608–630). Chang'an University. <https://doi.org/10.1016/j.jtte.2021.08.003>
- Zhou, J., Guo, Y., Sun, J., Yu, E., & Wang, R. (2022b). Review of bike-sharing system studies using bibliometrics method. In *Journal of Traffic and Transportation Engineering (English Edition)* (Vol. 9, Issue 4, pp. 608–630). Chang'an University. <https://doi.org/10.1016/j.jtte.2021.08.003>