

Example empirical papers for case study

Papers in red: Journals make code and data available for replication.

Papers in green: link to replication files in footnote

Roads & Congestion

Anderson, Michael L., and Lucas W. Davis. 2020. "An empirical test of hypercongestion in highway bottlenecks". *Journal of Public Economics*, 187: 104197.

Duranton, Gilles, and Matthew A. Turner. 2011. "The Fundamental Law of Road Congestion: Evidence from US Cities." *American Economic Review*, 101 (6): 2616-52.

Hanna, Rema, Gabriel Kreindler, and Benjamin A. Olken. "Citywide effects of high-occupancy vehicle restrictions: Evidence from "three-in-one" in Jakarta." *Science* 357.6346 (2017): 89-93.

Nicholas E Burger, Daniel T Kaffine; Gas Prices, Traffic, and Freeway Speeds in Los Angeles. *The Review of Economics and Statistics* 2009; 91 (3): 652–657.

Victor Couture, Gilles Duranton, Matthew A. Turner; Speed. *The Review of Economics and Statistics* 2018; 100 (4): 725–739.¹

Yang, Jun, Avralt-Od Purevjav, and Shanjun Li. 2020. "The Marginal Cost of Traffic Congestion and Road Pricing: Evidence from a Natural Experiment in Beijing." *American Economic Journal: Economic Policy*, 12 (1): 418-53.

Cars/driving & Fuel

Chen, Chia-Wen, Wei-Min Hu, and Christopher R. Knittel. 2021. "Subsidizing Fuel-Efficient Cars: Evidence from China's Automobile Industry." *American Economic Journal: Economic Policy*, 13 (4): 152-84.

Gillingham, Kenneth. 2014. "Identifying the elasticity of driving: Evidence from a gasoline price shock in California." *Regional Science and Urban Economics*, 47: 13-24.

Gillingham, Kenneth, and Anders Munk-Nielsen. 2019. "A tale of two tails: Commuting and the fuel price response in driving." *Journal of Urban Economics*, 109: 27-40.

Gillingham, Kenneth T., Sébastien Houde, and Arthur A. van Benthem. 2021. "Consumer Myopia in Vehicle Purchases: Evidence from a Natural Experiment." *American Economic Journal: Economic Policy*, 13 (3): 207-38.

¹ Replication files:

https://matthewturner.org/papers/published/Couture_Duranton_Turner_REStat2017_replication.zip

Transport Economics

Grigolon, Laura, Mathias Reynaert, and Frank Verboven. 2018. "Consumer Valuation of Fuel Costs and Tax Policy: Evidence from the European Car Market." *American Economic Journal: Economic Policy*, 10 (3): 193-225.

Pollution

Davis, L.W. 2008. "The effect of driving restrictions on air quality in Mexico city." *Journal of Political Economy*, 116 (1): 38-81.

Gendron-Carrier, Nicolas, Marco Gonzalez-Navarro, Stefano Polloni, and Matthew A. Turner. 2022. "Subways and Urban Air Pollution." *American Economic Journal: Applied Economics*, 14 (1): 164-96.

Gibson, Matthew, and Maria Carnovale. 2015. "The effects of road pricing on driver behavior and air pollution", *Journal of Urban Economics*, 89: pp. 62-73.

Mass transit & Congestion

Adler, Martin W. and Jos N. van Ommeren (2016). "Does Public Transit Reduce Car Travel Externalities? Quasi-Natural Experiments' Evidence from Transit Strikes," *Journal of Urban Economics*, Vol. 92, pp. 106–119.

Anderson, Michael L. 2014. "Subways, Strikes, and Slowdowns: The Impacts of Public Transit on Traffic Congestion." *American Economic Review*, 104 (9): 2763-96.

Gaduh, Arya, Tadeja Gračner, Alexander D. Rothenberg. 2022. "Life in the slow lane: Unintended consequences of public transit in Jakarta." *Journal of Urban Economics*, 128: 103411.

Gu, Yizhen, Chang Jiang, Junfu Zhang, and Ben Zou. 2021. "Subways and Road Congestion." *American Economic Journal: Applied Economics*, 13 (2): 83-115.

Ridesharing & Taxi

Angrist, Joshua D., Sydnee Caldwell, and Jonathan V. Hall. 2021. "Uber versus Taxi: A Driver's Eye View." *American Economic Journal: Applied Economics*, 13 (3): 272-308.

Haggag, Kareem, Brian McManus, and Giovanni Paci. 2017. "Learning by Driving: Productivity Improvements by New York City Taxi Drivers." *American Economic Journal: Applied Economics*, 9 (1): 70-95.

Parking

Transport Economics

de Groot, Jesper, Jos van Ommeren, and Hans R.A. Koster. 2019. "The effect of paid parking and bicycle subsidies on employees' parking demand." *Transportation Research Part A: Policy and Practice*, 128: pp. 46-58.

Ostermeijer, Francis, Hans Koster, Leonardo Nunes, Jos van Ommeren. 2022. "Citywide parking policy and traffic: Evidence from Amsterdam." *Journal of Urban Economics*, 128.

Cycling

Kearns, Michelle, Trudy Ledsham, Beth Savan, and James Scott. 2019. "Increasing cycling for transportation through mentorship programs." *Transportation Research Part A: Policy and Practice*, 128: pp. 34-45.

Ridesharing & Congestion

Tarduno, Matthew. 2021. "The congestion costs of Uber and Lyft." *Journal of Urban Economics*, 122.

Roads & development

Asher, Sam, and Paul Novosad. 2020. "Rural Roads and Local Economic Development." *American Economic Review*, 110 (3): 797-823.

Nathaniel Baum-Snow, "Did Highways Cause Suburbanization?", *The Quarterly Journal of Economics*, Volume 122, Issue 2, May 2007, Pages 775–805.²

Nathaniel Baum-Snow, Loren Brandt, J. Vernon Henderson, Matthew A. Turner, Qinghua Zhang; "Roads, Railroads, and Decentralization of Chinese Cities." *The Review of Economics and Statistics* 2017; 99 (3): 435–448.³

Mass Transit & Housing/development

Deweese, D.N. 1976. "The effect of a subway on residential property values in Toronto", *Journal of Urban Economics*, 3(4): pp. 357-369.

Gonzalez-Navarro, Marco, and Matthew A. Turner. 2018. "Subways and urban growth: Evidence from earth." *Journal of Urban Economics*, 108: 85-106.⁴

² Replication files: <https://www.dropbox.com/s/wq5cp6gm4ocxjo4/CD-ROM.rar?dl=0>

³ Replication files: <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/FAZJE4>

⁴ Replication files: <https://dataverse.harvard.edu/dataset.xhtml?persistentId=doi:10.7910/DVN/VHPRTA>

Gupta, Arpit, Stijn Van Nieuwerburgh, Constantine Kontokosta. 2022. "Take the Q train: Value capture of public infrastructure projects." *Journal of Urban Economics*, 129.

Tyndall, Justin. 2021. "The local labour market effects of light rail transit." *Journal of Urban Economics*, 124.

Glaser, Edward L., Matthew E. Kahn, Jordan Rappaport. 2008. "Why do the poor live in cities? The role of public transportation." *Journal of Urban Economics*, 63(1): 1-24.

Public transit demand

Agarwal, Sumit, Mi Diao, Jussi Keppo, Tien Foo Sing, "Preferences of public transit commuters: Evidence from smart card data in Singapore", *Journal of Urban Economics*, 120: 103288.

Behrens, Christiaan, and Eric Pels. 2012. "Intermodal competition in the London–Paris passenger market: High-Speed Rail and air transport", *Journal of Urban Economics*, 71 (3): 278-288.

Hall, Jonathan D., Craig Palsson, and Joseph Price. 2018. "Is Uber a substitute or complement for public transit?", *Journal of Urban Economics*, 108: 36-50.