

## Spatial methods and models: ‘Modelling the city’

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Essential readings denoted by \*\*\*. Other readings optional.

### Overview Papers

- Redding, Stephen J. (2023) “Quantitative Urban Models: From Theory to Data,” *Journal of Economic Perspectives*, 37(2), 75-98, 2023. \*\*\*
- Redding, Stephen J. (2023) “Quantitative Urban Models,” *Handbook of Regional and Urban Economics*, Chapter in (ed.) Dave Donaldson and Stephen J. Redding, forthcoming.
- Redding, Stephen J. and Esteban Rossi-Hansberg (2017) “Quantitative Spatial Economics,” *Annual Review of Economics*, 9, 21-58.

### Main Readings

- Ahlfeldt, Gabriel, Stephen J. Redding, Daniel M. Sturm and Nikolaus Wolf (2015) “The Economics of Density: Evidence from the Berlin Wall,” *Econometrica*, 83(6), 2015, 2127-2189. \*\*\*
- Heblich, Stephan, Stephen J. Redding and Daniel M. Sturm (2020) “The Making of the Modern Metropolis: Evidence from London,” *Quarterly Journal of Economics*, 135(4), 2059-2133. \*\*\*
- Monte, Ferdinando, Stephen J. Redding and Esteban Rossi-Hansberg (2018) “Commuting, Migration and Local Employment Elasticities,” *American Economic Review*, 108(12), 3855-3890.
- Redding, Stephen J. and Daniel M. Sturm (2024) “Estimating Neighborhood Effects: Evidence from Wartime Destruction in London,” NBER Working Paper, 32333.
- Allen, Treb, Costas Arkolakis and Xiangliang Li (2024) “On the Equilibrium Properties of Spatial Models,” *American Economic Review: Insights*, Forthcoming.
- Dingel, Jonathan and Felix Tintelnot (2024) “Spatial Economics for Granular Settings,” NBER Working Paper No. 27287
- Miyauchi, Yuhei, Kentaro Nakajima and Stephen J. Redding (2020) “Consumption Access and Agglomeration: Evidence from Smartphone Data,” NBER Working Paper, 28497.

**Nick Tsivanidis**

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### Required Readings:

- Tsivanidis, N 2023, “Evaluating the Impact of Urban Transit Infrastructure: Evidence from Bogotá’s TransMilenio,” Working Paper. \*
- Allen and Arkolakis, 2022, “The Welfare Effects of Transportation Infrastructure Improvements,” *Review of Economic Studies*.

#### Additional Readings

- Kreindler, G., 2022, “Peak-Hour Road Congestion Pricing: Experimental Evidence and Equilibrium Implications” Working Paper.
- Rosaia, N., 2023, “Competing Platforms and Transport Equilibrium”, Working Paper
- Fajgelbaum and Schaal, 2020, “Optimal Transport Networks in Spatial Equilibrium,” *Econometrica*.
- Brancaccio, G., Kalouptsi M., and T. Papageogiou 2019 “Geography, Transportation and Endogenous Trade Costs”