

## 1. The costs and benefits of cities

([Lecture slides for topic 1](#))

- Duranton, Gilles and Diego Puga. 2020. [The economics of urban density](#). *Journal of Economic Perspectives* 34(3): 3-26.

## 2. Accessibility, land use and location in a city: The monocentric model

([Lecture slides for topic 2](#))

- Duranton, Gilles and Diego Puga. 2015. [Urban land use](#). In Gilles Duranton, Vernon Henderson, and William Strange (eds.) *Handbook of Regional and Urban Economics*, volume 5. Amsterdam: North-Holland, 467-560, sections 8.2, 8.3.2, and 8.7 ([alternative download link](#)).
- Duranton, Gilles and Diego Puga. 2014. [The growth of cities](#). In Philippe Aghion and Steven N. Durlauf (eds.) *Handbook of Economic Growth*, volume 2B. Amsterdam: North- Holland, 781-853, section 5.2 ([alternative download link](#)).
- Duranton, Gilles and Matthew A. Turner. 2012. [Urban growth and transportation](#). *Review of Economic Studies* 79(4): 1407-1440 ([alternative download link](#)).

## 3. Accessibility, land use and location in a city: Endogenous firm location

- Duranton, Gilles and Diego Puga. 2015. [Urban land use](#). In Gilles Duranton, Vernon Henderson, and William Strange (eds.) *Handbook of Regional and Urban Economics*, volume 5. Amsterdam: North-Holland, 467-560, section 8.4.
- Ogawa, Hideaki and Masahisa Fujita. 1980. [Equilibrium land use patterns in a nonmonocentric city](#). *Journal of Regional Science* 20(4): 455-475.
- Holmes, Thomas J. and Holger Sieg. 2015. [Structural estimation in urban economics](#). In Gilles Duranton, Vernon Henderson, and William Strange (eds.) *Handbook of Regional and Urban Economics*, volume 5. Amsterdam: North-Holland, 69-114, sections 2.2 and 2.4.2.
- Ahlfeldt, Gabriel, Stephen J. Redding, Daniel Sturm, and Nikolaus Wolf. 2015. [The economics of density: Evidence from the Berlin wall](#). *Econometrica* 83(6): 2127-2189.
- Hebligh, Stephan, Stephen J. Redding, and Daniel M. Sturm. 2018. [The making of the modern metropolis: Evidence from London](#). Processed, London School of Economics.

- Tsivanidis, Nick. 2019. [Evaluating the impact of urban transit infrastructure: Evidence from Bogotá's TransMilenio](#). Processed, University of California, Berkeley.

## 4. Quantifying agglomeration economies

- Combes, Pierre-Philippe and Laurent Gobillon. 2015. [The empirics of agglomeration economies](#). In Gilles Duranton, Vernon Henderson, and William Strange (eds.) *Handbook of Regional and Urban Economics*, volume 5. Amsterdam: North-Holland, 247-348.
- Puga, Diego. 2010. [The magnitude and causes of agglomeration economies](#). *Journal of Regional Science* 50(1): 203-219.
- Duranton, Gilles and Henry G. Overman. 2005. [Testing for localization using micro-geographic data](#). *Review of Economic Studies* 72(4): 1077–1106.
- Combes, Pierre-Philippe, Gilles Duranton, Laurent Gobillon, and Sébastien Roux. 2010. [Estimating agglomeration effects with history, geology, and worker fixed-effects](#). In Edward L. Glaeser (ed.) *Agglomeration Economics*. Chicago, IL: Chicago University Press, 15–65.
- Henderson, J. Vernon. 2003. [Marshall's scale economies](#). *Journal of Urban Economics* 53(1): 1–28.
- Greenstone, Michael, Richard Hornbeck, and Enrico Moretti. 2010. [Identifying agglomeration spillovers: Evidence from winners and losers of large plant openings](#). *Journal of Political Economy* 118(3): 536–598.
- Combes, Pierre-Philippe, Gilles Duranton, Laurent Gobillon, Diego Puga, and Sébastien Roux. 2012. [The productivity advantages of large cities: Distinguishing agglomeration from firm selection](#). *Econometrica* 80(6): 2543–2594.

## 5. Wages and urban sorting

- Glaeser, Edward L. and David C. Maré. 2001. [Cities and skills](#). *Journal of Labor Economics* 19(2): 316-342.
- Baum-Snow, Nathaniel and Ronni Pavan. 2012. [Understanding the city size wage gap](#). *Review of Economic Studies* 79(1): 88-127.
- De la Roca, Jorge and Diego Puga. 2017. [Learning by working in big cities](#). *Review of Economic Studies* , 84(1): 106-142.
- Behrens, Kristian, Gilles Duranton, and Frédéric Robert-Nicoud. 2014. [Productive cities: Sorting, selection, and agglomeration](#). *Journal of Political Economy* 122(3): 507-553.

## 6. The motives for agglomeration

- Duranton, Gilles and Diego Puga. 2004. [Micro-foundations of urban agglomeration economies](#). In Vernon Henderson and Jacques-François Thisse (eds.) *Handbook of Regional and Urban Economics*, volume 4. Amsterdam: North-Holland, 2063-2117.
- Rosenthal, Stuart S. and William C. Strange. 2001. The determinants of agglomeration. *Journal of Urban Economics* 50(2): 191-229.

- Ellison, Glenn, Edward L. Glaeser, and William Kerr. 2010. What causes industry agglomeration? Evidence from coagglomeration patterns. *American Economic Review* 100(3): 1195-1213.
- Jaffe, Adam B., Manuel Trajtenberg, and Rebecca Henderson. 1993. Geographic localization of knowledge spillovers as evidenced by patent citations. *Quarterly Journal of Economics* 108(3): 577-598.
- Arzaghi, Mohammad and J. Vernon Henderson. 2008. Networking off Madison Avenue. *Review of Economic Studies* 75(4): 1011-1038.

## 7. Agglomeration and systems of cities

- Duranton, Gilles and Diego Puga. 2014. [The growth of cities](#). In Philippe Aghion and Steven N. Durlauf (eds.) *Handbook of Economic Growth*, volume 2B. Amsterdam: North- Holland, 781-853, section 5.5.
- [Au, Chun-Chung and J. Vernon Henderson. 2006. Are Chinese cities too small?](#) *Review of Economic Studies* 73(3): 549-576.
- Duranton, Gilles and Diego Puga. 2000. [Diversity and specialisation in cities: Why, where and when does it matter?](#) *Urban Studies* 37(3): 533-555.
- Duranton, Gilles and Diego Puga. 2005. [From sectoral to functional urban specialisation](#). *Journal of Urban Economics* 57(2): 343-370.

## 8. Urban growth, city sizes, and their aggregate implications

- Duranton, Gilles and Diego Puga. 2014. [The growth of cities](#). In Philippe Aghion and Steven N. Durlauf (eds.) *Handbook of Economic Growth*, volume 2B. Amsterdam: North- Holland, 781-853, sections 5.6 and 5.7.
- Duranton, Gilles and Diego Puga. 2017. [Urban growth and its aggregate implications](#). Processed, CEMFI.
- Albouy, David, Kristian Behrens, Frederic Robert-Nicoud, and Nathan Seegert. 2019. [The optimal distribution of population across cities](#). *Journal of Urban Economics* 110: 102-113.
- Black, Duncan and J. Vernon Henderson. 1999. A theory of urban growth. *Journal of Political Economy* 107(2): 252–284.
- Gabaix, Xavier. 1999. Zipf's law for cities: An explanation. *Quarterly Journal of Economics* 114(3): 739-767.
- Eeckhout, Jan. 2004. Gibrat's law for (All) cities. *American Economic Review* 94(5): 1429–1451.
- Rossi-Hansberg, Esteban and Mark L. J. Wright. 2007. Urban structure and growth. *Review of Economic Studies* 74(2): 597–624.
- Duranton, Gilles. 2007. Urban evolutions: The fast, the slow, and the still. *American Economic Review* 97(1): 197–221.