

“Multinational Firms and the Macroeconomy”
Professor Natalia Ramondo
Boston University, CEPR, and NBER
PSE June 19 to June 21, 2024

Wednesday 19 June 2pm - 4pm

Quantitative models: gravity structure, hat-algebra, and general equilibrium.

Allen, Treb, and Arkolakis, Costas, and Yuta Takahashi. (2018). “Universal Gravity.” *Journal of Political Economy*.

Alvarez, Fernando and Robert E. Lucas. (2007). “General Equilibrium Analysis of the Eaton-Kortum Model of International Trade.” *Journal of Monetary Economics*, Volume 54, Issue 6.

Dekle, Eaton, and Kortum. (2007). “Unbalanced Trade”. *American Economic Review, P&P*.

Arkolakis, Costas, Arnaud Costinot, and Andres Rodriguez-Clare. (2012). “New Models, Old Gains?” *American Economic Review*.

Arkolakis, Costas, Demidova, Svetlana, Klenow, Pete, and Andres Rodriguez-Clare. (2008). “Endogenous Variety and the Gains from Trade.” *American Economic Review, Papers and Proceedings*.

Thursday 20 June

9am - 11am : Lab work: simulating and calibrating general equilibrium models.

Alvarez, Fernando and Robert E. Lucas. (2007). "General Equilibrium Analysis of the Eaton-Kortum Model of International Trade." *Journal of Monetary Economics*, Volume 54, Issue 6.

1.30pm - 3.30pm: Ricardian Theory: New advances.

Eaton J. and S. Kortum. (2002). "Technology, Geography, and Trade." *Econometrica*, 70: 1741-1779.

Train, Kenneth. (2009). "Discrete Choice Methods with Simulation." Chapter 4: GEV.

Lind, Nelson and Natalia Ramondo. (2023a). "Trade with Correlation." *American Economic Review*.

Costinot, Arnaud and Andres Rodriguez-Clare. *Handbook of International Economics* (2014), Chapter 4.

Lind, Nelson and Natalia Ramondo. (2019). "The Economics of Innovation, Knowledge Diffusion, and Globalization." *Oxford Research Encyclopedia of Economics and Finance*, July 2019.

Lind, Nelson and Natalia Ramondo. (2023b). "Global Innovation and Knowledge Diffusion." *American Economic Review: Insights*.

Lind, Nelson and Natalia Ramondo. (2024). "Global Knowledge and Trade Flows: Theory and Measurement." *Accepted. Journal of International Economics*.

Kortum, Samuel. (1997). "Research, Patenting, and Technological Change." *Econometrica*, Vol 65, No. 6, pp. 1389-1419.

Eaton, Jonathan, and Samuel Kortum. (1999). "International Technology Diffusion: Theory and Measurement." *International Economic Review* 40(3): 537–70.

Buera, Francisco, and Ezra Oberfield. (2020). "The Global Diffusion of Ideas." *Econometrica* 88(1): 83-114.

Friday 21 June 9am - 11am

Modeling Multinational Activity. Empirical evidence on spillovers.

Helpman, Elhanan, Marc J. Melitz, and Stephen R. Yeaple. (2004). "Exports versus FDI with Heterogeneous Firms". *American Economic Review*, 94:1, pp. 300-316.

Ramondo, Natalia, and Andres Rodriguez-Clare. (2013). "Trade, Multinational Production, and the Gains from Openness". *Journal of Political Economy*.

Arkolakis, Costas, Natalia Ramondo, Andres Rodriguez-Clare, and Stephen Yeaple. (2018). Innovation and Production in the Global Economy. *American Economic Review*.

Ramondo, Natalia. (2014). "A Quantitative Approach to Multinational Production". *Journal of International Economics*.

Garcia-Lembergman, Ramondo, Rodriguez-Clare, and Shapiro. (2023). "The Carbon Footprint of Multinational Production." Mimeo, Boston University.

"Firm-Embedded Productivity and Cross-Country Income Differences" with Vanessa Alviarez and Javier Cravino. *Journal of Political Economy* 131(9): 2556-2594, September 2023.

UNCTAD. World Investment Report. [any issue].

Greenstone, Michael, Richard Hornbeck, and Enrico Moretti. (2010). "Identifying Agglomeration Spillovers: Evidence from Winners and Losers of Large Plant Openings." *Journal of Political Economy*, vol. 118, no. 3.

Ramondo, Natalia, Veronica Rappoport, and Kim Ruhl. (2016). "Intra-firm Trade and Vertical Fragmentation in U.S. Multinational Corporations." *Journal of International Economics*, 98(1): 51-59.

Setzler, Bradley, and Felix Tintelnot. (2021). "The Effects of Foreign Multinationals on Workers and Firms in the United States". *Quarterly Journal of Economics*.

Alfaro-Ureña, Manelici, and Vasquez. (2022). The Effects of Joining Multinational Supply Chains: New Evidence from Firm-to-Firm Linkage. *Quarterly Journal of Economics*. Volume 137, Issue 3, Aug. 2022, 1495–1552.