My code samples can be accessed at the following link:

https://github.com/Cheng-Jipeng/code_samples

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This is a paper list in which I have gone through or replicated most of the papers. This may support your evaluation on my interests and ability.

The papers that my writing sample heavily relies on:

Arkolakis, C., Costinot, A., & Donaldson, D. (2018). The Elusive Pro-Competitive Effects of Trade. *The Review of Economic Studies*, 35. https://doi.org/10/ggnm8h

Baldwin, R. E., & Robert-Nicoud, F. (2008). Trade and growth with heterogeneous firms. *Journal of International Economics*, *74*(1), 21–34. https://doi.org/10/dh3vzz

Bertoletti, P., & Etro, F. (2017). Monopolistic Competition When Income Matters. *The Economic Journal*, *127*(603), 1217–1243. https://doi.org/10/gbv8k7

Bertoletti, P., Etro, F., & Simonovska, I. (2018). International Trade with Indirect Additivity. *American Economic Journal: Microeconomics*, *10*(2), 1–57. https://doi.org/10/gdzmms

Boucekkine, R., Latzer, H., & Parenti, M. (2017). Variable markups in the long-run: A generalization of preferences in growth models. *Journal of Mathematical Economics*, *68*, 80–86. https://doi.org/10/f9kv8b

Brander, J., & Krugman, P. (1983). A "reciprocal dumping" model of international trade. *Journal of International Economics*, 15(3-4), 313–321. doi:10.1016/s0022-1996(83)80008-7

Bykadorov, I., Ellero, A., Funari, S., Kokovin, S., & Molchanov, P. (2016). Painful Birth of Trade Under Classical Monopolistic Competition. *SSRN Electronic Journal*. https://doi.org/10.2139/ssrn.2759872

De Loecker, J., Goldberg, P. K., Khandelwal, A. K., & Pavcnik, N. (2016). Prices, Markups, and Trade Reform. *Econometrica*, *84*(2), 445–510. https://doi.org/10/f8gk3j

Grossman, G. M., & Helpman, E. (2015). Globalization and Growth. *American Economic Review*, *105*(5), 100–104. https://doi.org/10.1257/aer.p20151068

Mrázová, M., & Neary, J. P. (2017). Not So Demanding: Demand Structure and Firm Behavior. *American Economic Review*, *107*(12), 3835–3874. https://doi.org/10.1257/aer.20160175

Naito, T. (2017). Growth and welfare effects of unilateral trade liberalization with heterogeneous firms and asymmetric countries. *Journal of International Economics*, *109*, 167–173.

Ourens, G. (2016). Trade and growth with heterogeneous firms revisited. *Journal of International Economics*, *100*, 194–202. https://doi.org/10/f8rbb3

Ourens, G. (2020). The long-term impact of trade with firm heterogeneity. *Review of World Economics*, *156*(4), 887–919. https://doi.org/10.1007/s10290-020-00384-0

Macroeconomic papers replicated by me:

Banerjee, R., Devereux, M. B., & Lombardo, G. (2016). Self-oriented monetary policy, global financial markets and excess volatility of international capital flows. *Journal of International Money and Finance*, *68*, 275–297. https://doi.org/10.1016/j.jimonfin.2016.02.007

Barattieri, A., Cacciatore, M., & Ghironi, F. (2021). Protectionism and the business cycle. *Journal of International Economics*, *129*, 103417. https://doi.org/10.1016/j.jinteco.2020.103417

Bernard, A. B., Eaton, J., Jensen, J. B., & Kortum, S. (2003). Plants and Productivity in International Trade. *American Economic Review*, *93*(4), 23. https://doi.org/10.1257/000282803769206296

Bilbiie, F. O., Ghironi, F., & Melitz, M. J. (2012). Endogenous Entry, Product Variety, and Business Cycles. Journal of Political Economy, 120(2), 304–345. doi:10.1086/665825

Bilbiie, F. O., Ghironi, F., Melitz, M. J., Midrigan, V., & Rotemberg, J. J. (2007). Monetary Policy and Business Cycles with Endogenous Entry and Product Variety [with Comments and Discussion]. *NBER Macroeconomics Annual*, *22*, 299–379. https://doi.org/10.1086/ma.22.25554968

Coibion, O., Gorodnichenko, Y., Kueng, L., & Silvia, J. (2017). Innocent Bystanders? Monetary policy and inequality. *Journal of Monetary Economics*, *88*, 70–89. https://doi.org/10.1016/j.jmoneco.2017.05.005

Ghironi, F., & Melitz, M. J. (2005). International Trade and Macroeconomic Dynamics with Heterogeneous Firms. *The Quarterly Journal of Economics*, 120(3), 865–915. doi:10.1093/qje/120.3.865

Jordà, Ò. (2005). Estimation and Inference of Impulse Responses by Local Projections. *American Economic Review*, *95*(1), 161–182. https://doi.org/10.1257/0002828053828518

Melitz, M. J. (2003). The impact of trade on intra-industry reallocations and aggregate industry productivity. *Econometrica*, *71*(6), 1695–1725. https://doi.org/10/b2jsw5

Deep learning and applied finance papers replicated by me:

Cardoso, J. V. de M., Ying, J., & Palomar, D. P. (2020). Algorithms for Learning Graphs in Financial Markets. *ArXiv:2012.15410 [Cs, Eess, q-Fin]*. http://arxiv.org/abs/2012.15410

Krauss, C. (2017). Statistical arbitrage pairs trading strategies: Review and outlook. *Journal of Economic Surveys*, *31*(2), 513–545. https://doi.org/10.1111/joes.12153

Li, W., Bao, R., Harimoto, K., Chen, D., Xu, J., & Su, Q. (2020). Modeling the Stock Relation with Graph Network for Overnight Stock Movement Prediction. *Proceedings of the Twenty-Ninth International Joint Conference on Artificial Intelligence*, 4541–4547. https://doi.org/10.24963/ijcai.2020/626

Papers that I have translated for Econometric Circle:

Jann, B. (2008). The Blinder–Oaxaca Decomposition for Linear Regression Models. *The Stata Journal: Promoting Communications on Statistics and Stata*, *8*(4), 453–479. https://doi.org/10.1177/1536867X0800800401

Kehoe, T. J., Pujolàs, P. S., & Rossbach, J. (2017). Quantitative Trade Models: Developments and Challenges. *Annual Review of Economics*, 9(1), 295–325. doi:10.1146/annurev-economics-080614-115502

Spears, D. (2020). Exposure to open defecation can account for the Indian enigma of child height. *Journal of Development Economics*, 102277. https://doi.org/10.1016/j.jdeveco.2018.08.003

Papers relevant to dynamic individual trade welfare that I am interested in:

Caliendo, L., Dvorkin, M., & Parro, F. (2019). Trade and Labor Market Dynamics: General Equilibrium Analysis of the China Trade Shock. *Econometrica*, *87*(3), 741–835. https://doi.org/10.3982/ECTA13758

Foellmi, R., & Zweimüller, J. (2004). Inequality, market power, and product diversity. *Economics Letters*, *82*(1), 139–145. https://doi.org/10.1016/j.econlet.2003.06.003

Handbury, J. (2020). Comment on "On the Heterogeneous Welfare Gains and Losses from Trade" by Daniel Carroll and Sewon Hur. *Journal of Monetary Economics*, *109*, 17–19. https://doi.org/10.1016/j.jmoneco.2019.10.008

Lee, E. (2020). Trade, inequality, and the endogenous sorting ofheterogeneous workers. *Journal of International Economics*, *125*, 103310. https://doi.org/10.1016/j.jinteco.2020.103310

McCalman, P. (2018). International trade, income distribution and welfare. *Journal of International Economics*, *110*, 1–15. https://doi.org/10.1016/j.jinteco.2017.10.002

Nigai, S. (2016). On Measuring the Welfare Gains from Trade Under Consumer Heterogeneity. *The Economic Journal*, *126*(593), 1193–1237. https://doi.org/10.1111/ecoj.12192

Osharin, A., Thisse, J.-F., Ushchev, P., & Verbus, V. (2014). Monopolistic competition and income dispersion. *Economics Letters*, *122*(2), 348–352. https://doi.org/10.1016/j.econlet.2013.12.029

Ravikumar, B., Santacreu, A. M., & Sposi, M. (2019). Capital accumulation and dynamic gains from trade. *Journal of International Economics*, *119*, 93–110. https://doi.org/10.1016/j.jinteco.2019.04.009

Textbooks (in English) for self-teaching:

Angrist, J. D., & Pischke, J. S. (2008). *Mostly harmless econometrics*. Princeton university press.

Hacker, D., & Sommers, N. (2011). *A Writer's Reference with Writing in the Disciplines*. Macmillan.

Hilpisch, Y. (2014). *Python for Finance: Analyze big financial data*. " O'Reilly Media, Inc.".

Liu, H. (2013). *Getting started with LATEX*, Beijing.

McCandless, G. (2008). *The ABCs of RBCs: an introduction to dynamic macroeconomic models*. Harvard University Press.

Wang, J., & Wang, X. (2019). *Structural equation modeling: Applications using Mplus*. John Wiley & Sons.

Zhang, A., Lipton, Z. C., Li, M., & Smola, A. J. (2021). *Dive into deep learning*. arXiv preprint arXiv:2106.11342.