Летний семинар «Современные методы и модели в экономике»
14-17 июня 2022 г.
Тема «Пространственная и городская экономика»

Спикеры:
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Программа курса и список литературы для слушателей

Виктор Ветеринаров:

1) Lecture 1 (80 minutes) Cities and districts
   1.1 Defining cities
   1.1.1 Administrative approach
   1.1.2 Self-contained areas based on commuting
   1.2 Measuring urban density
   1.3 Not self-contained areas and local labour markets
   - Tolbert, Charles M. & Sizer, Molly. 1996. U.S. Commuting Zones and Labor Market Areas: A 1990 Update. Staff Reports 278812, United States Department of Agriculture, Economic Research Service.
   - Ahlfeldt, Gabriel M. and Elisabetta Pietrostefani. 2019. The economic effects of density: A synthesis. Journal of Urban Economics 111: 93–107. https://doi.org/10.1016/j.jue.2019.04.006
   - Manning, Alan, and Barbara Petrongolo. 2017. How Local Are Labor Markets? Evidence from a Spatial Job Search Model. American Economic Review, 107 (10): 2877-2907. https://doi.org/10.1257/aer.20131026

2) Lecture 2 (80+80=160 minutes, better if it is in one day) Micro-foundations of urban agglomeration economies:
   2.1 Sharing
   2.2 Matching
   2.3 Learning
   - Gilles Duranton and Diego Puga. Micro-foundations of urban agglomeration economies. In J. Vernon Henderson and Jacques-François Thisse (eds.) Handbook of Regional and Urban Economics, Vol. 4, 2004. Amsterdam: North-Holland, 2063-2117 https://www.nber.org/system/files/working_papers/w9931/w9931.pdf

3) Lecture 3 (80 minutes) Empirics of agglomeration economies:
   3.1 Big cities gains:
   3.1.1 A model of wage determination
   3.1.2 Key potential sources of bias: Sorting and Learning
   3.1.3 Gradual accumulation of the city size premium
   - Jorge De La Roca, Diego Puga. Learning by Working in Big Cities. 2017. The Review of Economic Studies, Volume 84, Issue 1, Pages 106–142, https://doi.org/10.1093/restud/rdw031

4) Lecture 4 (80 minutes) Geocoding and spatial matching:

4.1 Procedures of matching

4.1.1 Exact and propensity score matching

4.1.2 Geospatial matching

4.2 Borders and migration

4.3 Infrastructure effects

- Christian Dustmann, Uta Schönberg, Jan Stuhler. 2017. Labor Supply Shocks, Native Wages, and the Adjustment of Local Employment The Quarterly Journal of Economics, Volume 132, Issue 1, Pages 435–483, https://doi.org/10.1093/qje/qjw032
- Stephen Gibbons, Teemu Lyytikäinen, Henry G. Overman, Rosa Sanchis-Guarner. 2019. New road infrastructure: The effects on firms. Journal of Urban Economics, Volume 110, Pages 35-50 https://doi.org/10.1016/j.jue.2019.01.002
- Ho D.E., Imai K., King G., Stuart E.A. 2007. Matching as Nonparametric Preprocessing for Reducing Model Dependence in Parametric Causal Inference. Political Analysis, 15, 3, pp. 199–236 https://doi.org/10.1093/pan/mpl013
- Pollmann, Michael. 2020. Causal Inference for Spatial Treatments https://doi.org/10.48550/arxiv.2011.00373
- Rosenbaum P., Rubin D. 1983. The Central Role of the Propensity Score in Observational Studies for Causal Effects. Biometrika, 70, 1, pp. 41–55 https://doi.org/10.2307/2335942

Лариса Баранова

1) Что такое город? Междисциплинарный подход в городских исследованиях (80 минут) // Urbanization and Multidisciplinary Approach in Urban Studies (80 minutes)

- Город в теории: опыты осмысления пространства / Елена Трубина. — М.: Новое литературное обозрение, 2011. — 520 с.: ил.
- Hall, S., Burdett, R., & Burdett, R. (Eds.). (2017). The Sage handbook of the 21st century city. Sage. https://uk.sagepub.com/en-gb/eur/the-sage-handbook-of-the-21st-century-city/book243355

2) Экономика города и городское планирование (160 минут) // Urban Economics and Urban Planning (160 minutes)

2.1. Экономика землепользования // Land Use Economics

- Brooks, N., Donaghy, K., & Knaap, G. J. (Eds.). (2011). The Oxford Handbook of Urban Economics and Planning. Oxford University Press. https://www.oxfordhandbooks.com/view/10.1093/oxfordhb/9780195380620.001.0001/oxfordhb-9780195380620

2.2. Рост городов и городское расползание // Urban Growth and Urban Sprawl

- Bruegmann, Robert. 2005. Sprawl: A Compact History. University of Chicago Press. https://press.uchicago.edu/ucp/books/book/chicago/S/bo3614185.html
- Головин А. В., Гудзь Т. В., Витков Г. В., Карасельникова И. В., Косолапов Н. А. Планирование разрастания. Пространственная политика городов России. М. : Издательский дом НИУ ВШЭ, 2021. https://publications.hse.ru/books/538271829

3) Работа с пространственными данными в QGIS (160 минут) // QGIS Workshop (160 minutes)

- Учебное пособие QGIS https://docs.qgis.org/3.16/ru/docs/training_manual/index.html
- Offenhuber D., Ratti C. Decoding the city: Urbanism in the age of big data. Birkhäuser, 2014.