

Syllabus

Advanced Development Economics

PhD/Advanced Master Course (M.WIWI-VWL.0019.Mp)

Winter Semester 2021/22

20 September 2021 - 22 October 2021

(as of September 10, 2021)

Teaching faculty

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1. General Information

1.1 Course overview

This course provides an in-depth analysis of current research on selected critical issues in development economics at the graduate level. The course covers topics on new directions of research in macro-economic and micro-economic aspects of development as well as methodological aspects of econometric analyses and policy evaluations.

Some familiarity with development issues (e.g., Development Economics I, II) as well as background in micro and macro theory and empirical economics is highly desirable. The course is open to Ph.D.

students in economics, applied statistics, agricultural economics, and related disciplines, as well as advanced M.A. students in international economics and development economics.

1.2 Credit points

6 ECTS credit points

1.3 Examination and grading of the module

The grading is based on the final exam (duration: 90 minutes).

In order to earn ECTS credits, you must present and discuss research articles in the tutorial (selected from the literature under the tutorials section) and pass an exam at the end of the course.

- **Presentations.** Depending on the number of registered students, you have to present one or two papers and discuss one or two papers presented by your peers. Each presentation should be approx. 20 minutes. The grade of the presentation will be based on the presentation of
 - context and background
 - data
 - methodology
 - implications and conclusions
 - your own thoughts about the paper.

Students need to send their presentation to Sarah Langlotz and their assigned discussants at least 24h before the presentation time. You will have to upload the presentation to the online platform after the tutorial session in which you presented.

- **Exam.** The exam takes place online from 11:00-12:30 on 22 October 2021. We will upload exams from previous years to Stud.IP at the end of the lecture period.

1.5 Registration

Please select three papers for possible presentations from the tutorial list (highlighted in grey) below and state your ordered preferences by email to: sarah.langlotz@uni-goettingen.de by **September 6, 2021** (23:59). We will then assign 1-2 papers for your presentation, which we will announce by September 10, 2021.

Please register for the course on Stud.IP (<https://www.studip.uni-goettingen.de/>) so that you receive all pertinent information in due time (e.g., registration, virtual meetings). If you are not a student at the University of Göttingen and do not have access to Stud.IP, please email studip@uni-goettingen.de, and let them know that:

You are a guest student for the course Advanced Development Economics (course number: 800968) and will require access to Stud.IP from September to December 2021. If they require permission from the course instructor, please forward the email to sarah.langlotz@uni-goettingen.de.

Students of the University of Göttingen need to register for the exam via FlexNow. All other students need to register for the exam by sending an e-mail to sarah.langlotz@uni-goettingen.de.

2. Course overview

2.1 Description of the teaching and learning methods

The lecture is supplemented by self-study based on provided materials and literature. The accompanying tutorial (*Übung*) complements the lecture content. The course is split in lectures and tutorials. **The course language is English.**

2.2 Meetings

IMPORTANT: This course is planned to take place both in person and via Zoom. In the first course week, all classes take place via Zoom. We will share the Zoom link in the Stud.IP forum after the course has been password-protected. The second course week is planned to take place on campus under the University's regulations and measures for protection against infection. We will only shift this part of the course to Zoom if the development of the coronavirus situation and the University regulations forces us to do so. All rooms are in the Zentrales Hörsalgebäude (ZHG) and listed below on page 4 (you can access the location map [here](#)). Please register for the course on Stud.IP so that you receive all pertinent information in due time (e.g., virtual meetings; online exam). All registered students will receive the Stud.IP course password by e-mail by September 10, 2021. This allows registered students to access the Zoom link and the course materials.

| Date | Time | Location | Type | Lecturer | Topic |
|------------|------------------|----------|----------|-----------|--|
| 02.09.2021 | 14:00-15:00 | Zoom | | Langlotz | Voluntary Q&A on Organizational Issues |
| 06.09.2021 | -23:59 | | | Langlotz | Submission of Preferences for Paper Presentation (see section 1.5) |
| 20.09.2021 | 14:00-16:00 c.t. | Zoom | Lecture | Kis-Katos | 1. Measuring Development |
| | 16:00-18:00 c.t. | Zoom | Lecture | Strulik | 2. Modern vs. Pre-Modern Growth |
| 21.09.2021 | 10:00-12:00 c.t. | Zoom | Lecture | Strulik | 3. The Demographic Transition and History Augmented Solow Model |
| | 14:00-16:00 c.t. | Zoom | Lecture | Strulik | 4. Human Physiology, Development, and the Reversal of Fortune |
| | 16:00-18:00 c.t. | Zoom | Tutorial | Langlotz | How to write a referee report |
| 22.09.2021 | 10:00-12:00 c.t. | Zoom | Lecture | Strulik | 5. The Past and Future of Knowledge-Based Growth |
| | 14:00-16:00 c.t. | Zoom | Lecture | Kis-Katos | 6. Trade Policy and Local Development |
| | 16:00-18:00 c.t. | Zoom | Lecture | Kis-Katos | 7. International Migration and Development |
| 23.09.2021 | 10:00-12:00 c.t. | Zoom | Lecture | Kis-Katos | 8. Government Decentralization |
| | 16:00-18:00 c.t. | Zoom | Tutorial | Langlotz | Topics 2,4 |
| 24.09.2021 | 10:00-12:00 c.t. | Zoom | Tutorial | Langlotz | Topics 7,8 |
| | | | | | |
| 04.10.2021 | 14:00-16:00 c.t. | ZHG105 | Lecture | Fuchs | 9. Development Aid |
| | 16:00-18:00 c.t. | ZHG105 | Tutorial | Langlotz | Topic 9 |
| 05.10.2021 | 10:00-12:00 c.t. | ZHG006 | Lecture | Fuchs | 10. International Development Organizations |
| | 14:00-16:00 c.t. | ZHG006 | Lecture | Hartwig | 11. Economics of the Household |
| | 16:00-18:00 c.t. | ZHG006 | Lecture | Hartwig | 12. Poverty and Social Protection |
| 06.10.2021 | 10:00-12:00 c.t. | ZHG002 | Lecture | Hartwig | 13. Political Selection and Politician Behavior |
| | 14:00-16:00 c.t. | ZHG002 | Lecture | Langlotz | 14. Conflict and Development |
| | 16:00-18:00 c.t. | ZHG002 | Tutorial | Langlotz | Topic 10 |
| 07.10.2021 | 10:00-12:00 c.t. | ZHG001 | Lecture | Langlotz | 15. Media and Political Outcomes |
| | 14:00-16:00 c.t. | ZHG001 | Tutorial | Langlotz | Topic 11 |
| | 16:00-18:00 s.t. | ZHG001 | Tutorial | Langlotz | Topics 12,13 (2h slot) |
| 08.10.2021 | 10:00-12:00 s.t. | ZHG001 | Tutorial | Langlotz | Topics 14,15 (2h slot) |
| 22.10.2021 | 11:00-12:30 | Online | Exam | Langlotz | |

3. Literature

3.1 General readings (not required, but recommended)

- Ray, D. (1998). *Development Economics*, Princeton: Princeton University Press.*
Basu, K. (1997). *Analytical Development Economics*, Cambridge: MIT Press.*
Bardhan, P. and Udry, C. (1999). *Development Microeconomics*, Oxford: Oxford University Press.*
Banerjee, A. & Duflo, E. (2011). *Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty*, New York City: PublicAffairs.*
Kremer, M., Rao, G., & Schilbach, F. (2019). Behavioral Development Economics. *Handbook of Behavioral Economics*, 2. Elsevier.

(* = Books available in the SUB and/or WISO-BIB)

3.2 Readings per lecture and corresponding tutorial

We expect you to read the key readings highlighted with an asterisk (*) before the respective lecture. This will allow us to engage in a vivid discussion about each paper's merits and limitations.

1. Measuring Development (Kis-Katos)

Lecture

- *Burke, M., Driscoll, A., Lobell, D.B., and S. Ermon, 2021, Using satellite imagery to understand and promote sustainable development, *Science* 371, eabe8628
Henderson, V.J., Storeygard, A., and D.N. Weil, 2012, Measuring economic growth from outer space, *American Economic Review*, 102(2): 994-1028.

Tutorial

- Aiken, E., Bellue, S., Karlan, D., Udry, Ch.R., and J. Blumenstock, 2021, Machine learning and mobile phone data can improve the targeting of humanitarian assistance, *NBER Working Papers*, 29070, National Bureau of Economic Research, Cambridge, MA.
Barangwanath Vogel, K., Goldblatt, R., Hanson, G., and Khandelwal, A.K., 2018, Detecting urban markets with satellite imagery: An application to India, *NBER Working Papers*, 29070, National Bureau of Economic Research, Cambridge, MA.
Chi, G., Fang, H., Chatterjee, S., and Blumenstock, J.E., 2021, Micro-estimates of wealth for all low- and middle-income countries, *arXiv:2104.07761*.
Huang, L.Y., Hsiang, S.M., and M. Gonzalez-Navarro. 2021, Using satellite imagery and deep learning to evaluate the impact of anti-poverty programs, *NBER Working Papers*, 29105, National Bureau of Economic Research, Cambridge, MA.

2. Modern vs. Pre-Modern Growth (Strulik)

Lecture

- *Mankiw, N.G., D. Romer, and D.N. Weil, 1992, A contribution to the empirics of economic growth, *Quarterly Journal of Economics* 107, 407-437.
- Ashraf, Q. and Galor, O. 2011. Dynamics and stagnation in the Malthusian epoch. *American Economic Review*, 101(5), 2003-2041
- Kremer, M. 1993. Population growth and technological change: One million BC to 1990. *Quarterly Journal of Economics*, 108(3), 681-716.

Tutorial

- Caselli, Francesco. 2005. Accounting for Cross-Country Income Differences. In *Handbook of Economic Growth*, Vol. 1A, ed. Philippe Aghion and Steven N. Durlauf, 679–741. New York: North-Holland.
- Hsieh, C. T., and Klenow, P. J. (2010). Development accounting. *American Economic Journal: Macroeconomics*, 2(1), 207-223.
- Hall, Robert E., and Charles I. Jones. 1999. Why Do Some Countries Produce So Much More Output Per Worker Than Others? *Quarterly Journal of Economics*, 114(1): 83–116.
- Voigtländer, N., and Voth, H. J. 2012. The three horsemen of riches: Plague, war, and urbanization in early modern Europe. *Review of Economic Studies*, 80(2), 774-811.
- Sharp, P., Strulik, H., and Weisdorf, J. 2012. The determinants of income in a Malthusian equilibrium. *Journal of Development Economics*, 97(1), 112-117.
- Lee, R. D. 1987. Population dynamics of humans and other animals. *Demography*, 24(4), 443-465.

3. The Demographic Transition and History Augmented Solow Model (Strulik)

Lecture

- Lee, R. 2003. The demographic transition: three centuries of fundamental change. *The Journal of Economic Perspectives*, 17(4), 167-190.
- Reher, D. S. 2004. The demographic transition revisited as a global process. *Population, Space and Place*, 10(1), 19-41.
- * Dalgaard, C. J., and Strulik, H. 2013. The history augmented Solow model. *European Economic Review*, 63, 134-149.

Tutorial

- Herzer, D., Strulik, H., and Vollmer, S. 2012. The long-run determinants of fertility: one century of demographic change 1900–1999. *Journal of Economic Growth*, 1-29.
- Lagerlöf, N. P. 2006. The Galor–Weil model revisited: A quantitative exercise. *Review of Economic Dynamics*, 9(1), 116-142.
- Hansen, G. D., and Prescott, E. C. 2002. Malthus to Solow. *The American Economic Review*, 92(4), 1205-1217.
- Strulik, H., and Weisdorf, J. 2008. Population, food, and knowledge: a simple unified growth theory. *Journal of Economic Growth*, 13(3), 195-216.
- Becker, S. O., Cinnirella, F., and Woessmann, L. 2010. The trade-off between fertility and education: evidence from before the demographic transition. *Journal of Economic Growth*, 15(3), 177-204.

4. Human Physiology, Development, and the Reversal of Fortune (Strulik)

Lecture

- * Dalgaard, C. J., and Strulik, H. 2017. Physiological Constraints and Comparative Economic Development. Discussion Paper.
- Dalgaard, C. J., and Strulik, H. 2015. The physiological foundations of the wealth of nations. *Journal of Economic Growth*, 20(1), 37-73.
- Dalgaard, C. J., and Strulik, H. 2016. Physiology and development: Why the West is taller than the rest. *Economic Journal*, 126(598), 2292-2323.

Tutorial

- Fogel, R.W., 1994, Economic growth, population theory, and physiology: The bearing of long-term processes on the making of economic policy. *American Economic Review* 84, 369-395.
- Dalgaard, C-J. and H. Strulik, 2011, A physiological foundation for the nutrition-based efficiency wage model. *Oxford Economic Papers*, 63, 232-253
- Acemoglu, D., S. Johnson, and J.A. Robinson, 2002. Reversal of fortune: geography and institutions in the making of the modern world income distribution. *Quarterly Journal of Economics* 117, 1231--1294
- Olsson, O. and C. Paik, 2016. Long-Run cultural divergence: Evidence from the Neolithic. *Journal of Development Economics*, 122, 197--213.
- Chanda, A., Cook, C. J., and Putterman, L. 2014. Persistence of Fortune: Accounting for Population Movements, There Was No Post-Columbian Reversal. *American Economic Journal: Macroeconomics*, 6(3), 1-28.

5. The Past and Future of Knowledge-Based Growth (Strulik)

Lecture

- * Strulik, H., Prettner, K., & Prskawetz, A. 2013. The past and future of knowledge-based growth. *Journal of Economic Growth*, 18(4), 411-437.

Tutorial

- Dalgaard, C.-J. and Kreiner, C.T. 2001. Is declining productivity inevitable? *Journal of Economic Growth*, 6, 187--203.
- Jones, C.I. 2001. Was an industrial revolution inevitable? Economic growth over the very long run. *Advances in Macroeconomics*, 1, 1--43.
- Jones, C.I. 2002. Sources of U.S. economic growth in a world of ideas. *American Economic Review*, 92, 220--239.
- Galor, O. and Mountford, A. 2008. Trading population for productivity: theory and evidence. *Review of Economic Studies*, 75, 1143--1179.
- Benhabib, J. and Spiegel, M. M. 2005. Human capital and technology diffusion. *Handbook of economic growth*, 1, 935-966.
- Hanushek, E. A., and Woessmann, L. 2012. Do better schools lead to more growth? Cognitive skills, economic outcomes, and causation. *Journal of Economic Growth*, 17(4), 267-321.
- Ha, J., and Howitt, P. 2007. Accounting for Trends in Productivity and R&D: a schumpeterian critique of semi-endogenous growth theory. *Journal of Money, Credit and Banking*, 39(4), 733-774.

6. Trade Policy and Local Development (Kis-Katos)

Lecture

Adão, R., Kolesár, M. and Morales, E., 2019, Shift-share designs: Theory and inference. *Quarterly Journal of Economics*, 134 (4), 1949-2010.

*Kis-Katos, K. and Sparrow, R., 2015. Poverty, labor markets and trade liberalization in Indonesia. *Journal of Development Economics*, 117, 94-106.

Additional material

Atkin, D. and Khandelwal, A.K., 2020, How distortions alter the impact of international trade in developing countries. *Annual Review of Economics*, 12, 213-238.

Goldberg, P. K. and Pavcnik, N., 2016. The effects of trade policy, *NBER Working Paper Series No. 21957*, National Bureau of Economic Research, Cambridge, MA. (also a chapter in Handbook of Commercial Policy)

Kovak, B., 2013. Regional effects of trade reform: What is the correct measure of liberalization? *American Economic Review*, 103(5), 1960-1976.

Tutorial

Atkin, D., Faber, B. and Gonzalez-Navarro, M., 2017, Retail globalization and household welfare: Evidence from Mexico, *Journal of Political Economy*, 126 (1), 1-73.

Dix-Carneiro, R. and Kovak, B. K., 2017. Trade liberalization and regional dynamics. *American Economic Review*, 107(10):2908–2946.

Dix-Carneiro, R., Soares, R. and Ulyssea, G., 2018. Economic shocks and crime: Evidence from the Brazilian trade liberalization. *American Economic Journal: Applied Economics*, 10(4), 158-195.

McCaig, B. and Pavcnik, N. 2018. Export markets and labor allocation in a low-income country. *American Economic Review*, 108 (7), 1899-1941.

7. International Migration and Development (Kis-Katos)

Lecture

* Gazeaud, J., Mvukiyehe, E., and O. Sterck, 2021, Cash transfers and migration: Theory and evidence from a randomized controlled trial, *Review of Economics and Statistics* 2021; doi: https://doi.org/10.1162/rest_a_01041

Additional material

Hanson, G., 2010. International migration and the developing world, in: Handbook of Development Economics, Vol. 5, ch. 66, pp. 4363-4414.

Dustmann, C. And Görlach, J.-S. 2016. The economics of temporary migrations. *Journal of Economic Literature*, 54(1), 98-136.

Docquier, F. and Rapoport, H. 2012. Globalization, brain drain, and development. *Journal of Economic Literature*, 50(3), 681–730.

Tutorial

Barsbai, T., H. Rapoport, A. Steinmayr and C. Trebesch. 2017. The effect of labor migration on the diffusion of democracy: Evidence from a former Soviet republic. *American Economic Journal: Applied Economics*, 9(3), 36-69.

Becker, S.O., Grosfeld, I., Grosjean, P., Voigtländer, N. and Zhuravskaya, E., 2020, Forced migration and human capital: Evidence from post-WWII population transfers, *American Economic Review*, 110 (5), 1430-1463.

Lagakos, D., Marshall, S., Mobarak, A.M., Vernot, C. and Waugh, M.E., 2020. Migration costs and observational returns to migration in the developing world, *NBER Working Papers* No. 26868, National Bureau of Economic Research, Inc., Cambridge, MA.

Peri, G. and Sasahara, A., 2019, The impact of global warming on rural-urban migrations: Evidence from global data, *NBER Working Papers* No. 25728, National Bureau of Economic Research, Inc., Cambridge, MA.

8. Government Decentralization (Kis-Katos)

Lecture

- *Cisneros, E., Kis-Katos, K., and Nuryartono, N., 2021, Palm oil and the politics of deforestation in Indonesia, *Journal of Environmental Economics and Management*, <https://doi.org/10.1016/j.jeem.2021.102453>
- *Gadenne, L. and Singhal, M. 2014. Decentralization in developing economies, *Annual Review of Economics*, 6(1), 581-604.

Additional material

Bardhan, P., 2016. State and development: The need for a reappraisal of the current literature, *Journal of Economic Literature*, 54(3), 862-892.

Tutorial

- Bai, Y, and Jia, R., 2021, Ruixue Jia, 2021, The economic consequences of political hierarchy: Evidence from regime changes in China, 1000-2000 C.E., *Review of Economics and Statistics*, https://doi.org/10.1162/rest_a_01058
- Bazzi, S., and M. Gudgeon, 2021, The political boundaries of ethnic divisions, *American Economic Journal: Applied Economics*, 13 (1): 235-66.
- Bluhm, R., Lessmann, C., and P. Schaudt, 2020, The political geography of cities, Unpublished working paper.
- Eberle, U.J., Henderson, J.V., Rohner, D., and K. Schmidheiny, 2020, Ethnolinguistic diversity and urban agglomeration, *Proceedings of the National Academy of Sciences*, 117 (28) 16250-16257.
- Kresch, E.P., 2020, The buck stops where? Federalism, uncertainty, and investment in the Brazilian water and sanitation sector, *American Economic Journal: Economic Policy*, 12 (3): 374-401.

9. Development Aid (Fuchs)

Lecture

- * Dreher, Axel, Andreas Fuchs, Roland Hodler, Bradley C. Parks, Paul A. Raschky, and Michael J. Tierney. 2019. African Leaders and the Geography of China's Foreign Assistance. *Journal of Development Economics* 140: 44-71.
- * Galiani, Sebastian, Stephen Knack, Lixin Colin Xu, and Ben Zou. 2017. The Effect of Aid on Growth: Evidence from a Quasi-experiment. *Journal of Economic Growth* 22: 1-33.

Additional material

- Alesina, Alberto and David Dollar. 2000. Who Gives Foreign Aid to Whom and Why? *Journal of Economic Growth* 5(1): 33-63.
- Burnside, Craig and David Dollar. 2000. Aid, Policies, and Growth. *American Economic Review* 90(4): 847-868.

Tutorial

- Bluhm, Richard, Martin Gassebner, Sarah Langlotz, and Paul Schaudt. 2016. Fueling Conflict? (De)escalation and Bilateral Aid. *Journal of Applied Econometrics* 36(2): 244-261.
- Dreher, Axel, Andreas Fuchs, Roland Hodler, Bradley C. Parks, Paul A. Raschky, and Michael J. Tierney. 2021. Is Favoritism a Threat to Chinese Aid Effectiveness? A Subnational Analysis of Chinese Development Projects. *World Development* 139: 105291.
- Eisensee, Thomas and David Strömberg. 2007. News Droughts, News Floods, and US Disaster Relief. *Quarterly Journal of Economics* 122(2): 693-728.
- Nunn, Nathan and Nancy Qian. 2014. US Food Aid and Civil Conflict. *American Economic Review* 104(6): 1630-1666.

10. International Development Organizations (Fuchs)

Lecture

- * Kersting, Erasmus K. and Christopher Kilby. 2016. With a Little Help from My Friends: Global Electioneering and World Bank Lending. *Journal of Development Economics* 121: 153-165.
- * Lang, Valentin. 2020. The Economics of the Democratic Deficit: The Effect of IMF Programs on Inequality. *Review of International Organizations* 16: 599-623.

Tutorial

- Carnegie, Allison and Cyrus Samii. 2019. International Institutions and Political Liberalization: Evidence from the World Bank Loans Program. *British Journal of Political Science* 49(4): 1357-1379.
- Gehring, Kai and Valentin Lang. 2020. Stigma or Cushion? IMF Programs and Sovereign Creditworthiness. *Journal of Development Economics* 146 (2020): 102507.

11. Economics of the Household (Hartwig)

Lecture

- *Baland, J.-M., and R. Ziparo (2018). Intra-household bargaining in poor countries. In: Anderson, S., Beaman, L. & Platteau, J.-P. (Eds.). *Towards Gender Equity in Development*. Oxford University Press. (update available from: <https://oxford.universitypressscholarship.com/view/10.1093/oso/9780198829591.001.0001/oso-9780198829591-chapter-4>).
- Munro, A. (2018). Intra-household Experiments: A Survey. *Journal of Economic Surveys*, 32(1), 134-175.

Additional material

- Chiappori, P.-A., and M. Mazzocco (2017). Static and Intertemporal Household Decisions. *Journal of Economic Literature*, 55(3), 985-1045.

Tutorial

- Almas, A., A. Armand, O. Attanassio, and P. Carneiro (2018). Measuring and Changing Control: Women's Empowerment and Targeted Transfers. *The Economic Journal*, 128(612), F609-F639.
- Ashraf, N., E. Field, A. Voena and R. Ziparo (2020). Maternal Mortality and the Gender Gap in the Demand for Children in Zambia. NBER Working Paper 28220. doi: 10.3386/w28220
- Barr, A., M. Dekker, W. Janssens, B. Kebede, and B. Kramer (2018). Cooperation in Polygynous Households. *American Economic Journal: Applied Economics*. 11(2), 266-283.

Riley, E. (2020). Resisting social pressure in the household using mobile money: Experimental evidence on microenterprise investment in Uganda. Mimeo (available from: https://emmaalriley.files.wordpress.com/2020/05/resisting_sharing_pressure_in_the_household_using_mobile_money_experimental_evidence_on_microenterprise_investment_in_uganda-riley.pdf)

12. Poverty and Social Protection (Hartwig)

Lecture

*Banerjee, A., E. Duflo, N. Goldberg, D. Karlan, R. Osei, W. Pariente et al. (2015). A multifaceted program causes lasting progress for the very poor: Evidence from six countries. *Science*, 348(6235):1260-799.

Additional material

Aizer, A. S. Eli, J. Ferrie, A. Lleras-Muney (2016). The Long-Run Impact of Cash Transfers to Poor Families. *American Economic Review*, 106(4):935-971.

Tutorial

Alatas, V., A. Banerjee, R. Hanna, B. Olken and J. Tobias (2012). Targeting the Poor: Evidence from a Field Experiment in Indonesia. *American Economic Review*, 102(4): 1206-1240.

Hanna, R. and B. Olken (2018). Universal Basic Incomes vs. Targeted Transfers: Anti-Poverty Programs in Developing Countries. *Journal of Economic Perspectives*, 32 (4), pp. 201-226.

Haushofer, J., M. Chemin, C. Jang, C., and J. Abraham (2020). Economic and Psychological Effects of Health Insurance and Cash Transfers: Evidence from a Randomized Experiment in Kenya. *Journal of Development Economics*, 144, 102416.

Muralidharan, K., P. Niehaus and S. Sukhtankar (2016). Building State Capacity: Evidence from Biometric Smartcards in India. *American Economic Review*, 106(10): 2895-2929. TBD

13. Political Selection and Politician Behavior (Hartwig)

Lecture

Besley, T., J.G. Montalvo, and M. Reynal-Querol (2011). Do Educated Leaders Matter? *Economic Journal*, 121: 205-227.

*Dal Bó, E. and F. Finan (2018). Progress and Perspectives in the Study of Political Selection. *Annual Review of Economics*, 10: 541-575.

Additional material

Avis, E., C. Ferraz, and F.S. Finan (2018). Do Government Audits Reduce Corruption? Estimating the Impacts of Exposing Corrupt Politicians, *Journal of Political Economy*, 126(5): 1912-1964.

Cruz, C., J. Labonne, and P. Querubin (2017). Politician Family Networks and Electoral Outcomes: Evidence from the Philippines. *American Economic Review*, 107(10): 3006-3037.

Ferraz, C. and F.S. Finan (2008). Exposing Corrupt Politicians: The Effect of Brazil's Publicly Released Audits on Electoral Outcomes. *Quarterly Journal of Economics*, 123(2): 703-745.

Fisman, R., J. Shi, Y. Wang, and W. Wu (2020). Social Ties and the Selection of China's Political Elite. *American Economic Review*, 110(6): 1752-1781

Tutorial

Abeler, J., D. Nosenzo, and C. Raymond (2019). Preferences for Truth-Telling. *Econometrica*, 87(4): 1115-1153.

- Banerjee, P., V. Iversen, S. Mitra, A. Nicoló, and K. Sen (2019). Politicians and their Promises in an Uncertain World: Evidence from a Lab-in-the-Field Experiment in India. WIDER working paper no. 2019/16.
- Banuri, S. and P. Keefer (2016). Pro-social Motivation, Effort and the Call to Public Service. *European Economic Review*, 83: 139-164.
- Enemark, D., C.C. Gibson, M.D. McCubbins, and B. Seim (2016). Effect of Holding Office on the Behavior of Politicians. *Proceedings of the National Academy of Sciences*, 113(48): 13690–13695.
- Sheffer, L., P. Loewen, S. Sorkoka, T. Sheafer, and S. Walgrave (2018). Non-representative Representatives? An Experimental Study of the Decision Making of Elected Politicians. *American Political Science Review*, 112(2): 302-321.

14. Conflict and Development (Langlotz)

Lecture

- *Berman, Nicolas and Mathieu Couttenier (2015). External shocks, internal shots: The geography of civil conflicts. *Review of Economics and Statistics* 97 (4), 758–776.
- *Blair, Graeme, Darin Christensen, and Aaron Rudkin (2021). Do commodity price shocks cause armed conflict? A meta-analysis of natural experiments. *American Political Science Review* 115 (1), 1-8.
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Tutorial

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