

Advanced Development Economics

October 21-25, 2019

Location

Please see the schedule on page 2

Teaching faculty

Prof. Dr. Krisztina Kis-Katos Office: OEC 2.169 Email: krisztina.kis-katos@uni-goettingen.de Office Hours: arrange by email	Prof. Dr. Holger Strulik Office: OEC 2.202 Email: holger.strulik@wiwi.uni-goettingen.de Office Hours: arrange by email
Prof. Marcela Ibanez, PhD Office: Blauer Turm, 8-134 Email: mibanez@uni-goettingen.de Office Hours: arrange by email	Prof. Dr. Andreas Fuchs Office: Blauer Turm, 8-121 Email: afuchs@uni-goettingen.de Office Hours: arrange by email

Teaching assistant

Dr. Sophia Kan
Office: OEC 2.146
Email: skan@uni-goettingen.de

Course overview

This course provides an in-depth analysis of current research in 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, or III) 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, as well as M.A. students in international economics and development economics.

Exam / ECTS

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

- **Presentations.** Please select the two articles for your presentations from the [tutorial list](#) (highlighted in grey) below and state your preferences by email to: skan@uni-goettingen.de.
- **Exam.** The exam takes place from 14:00-16:00 on 22.11.19 in Waldweg 26, Altbau room 0.705. We will upload exams from previous years to Stud-IP at the end of the lectures so that you are familiar with the format.

Presentations

Each presentation should be approx. 20 minutes. As a guideline, the grade for the presentation is based on a discussion of:

- Context and background
- Data
- Methodology
- Implications and conclusion (your own thoughts about the paper)

Please bring your presentation on a USB stick. We will have a computer and laser pointer and clicker.

Online platform

Information of the course can be downloaded from the online platform, STUD-IP: <https://www.studip.uni-goettingen.de/>. 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 (Veranstaltungsnummer: 800968) and will require access to STUD-IP from October to December 2019.

If they require permission from the course instructor, please forward the email to skan@uni-goettingen.de.

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*. PublicAffairs.*

Kremer, M., Rao, G., & Schilbach, F. (2019). Behavioral development economics. *Handbook of Behavioral Economics*, 2.

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

Schedule: Oct 21-25

Date / Location	Time	Type	Professor Tutor	Topic
Mon 21	11:00-12:30	Lecture	Fuchs	1. Determinants of Development: Geography and Institutions
	14:00-15:30	Lecture	Fuchs	2. Development Aid
Tue 22	09:00-10:30	Lecture	Fuchs	3. The Economic Rise of China
	11:00-12:30	Lecture	Strulik	4. Modern vs. Pre-Modern Growth
	14:00-15:30	Lecture	Strulik	5. The Demographic Transition and History Augmented Solow Model
	16:00-18:00	Tutorial	Kan	
Wed 23	9:00-10:30	Lecture	Strulik	6. Human Physiology, Development, and the Reversal of Fortune
	11:00-12:30	Lecture	Strulik	7. The Past and Future of Knowledge-Based Growth
	14:00-15:30	Lecture	Ibanez	8. Behavioral Development Economics
	16:00-18:00	Tutorial	Kan	
Thu 24	09:00-10:30	Lecture	Kis-Katos	9. Trade Policy and Local Development
	11:00-12:30	Lecture	Kis-Katos	10. International Migration and Development
	14:00-15:30	Lecture	Ibanez	11. The psychology of poverty
	16:00-18:00	Tutorial	Kan	
Fri 25	09:00-10:30	Lecture	Kis-Katos	12. Corruption and Governance

11:00-13:00	Lecture	Ibanez	13. Decision Under Risk and Uncertainty
14:00-15:30	Tutorial	Kan	

Literature

1. Determinants of Development: Geography and Institutions (Fuchs)

Lecture

- Acemoglu, Daron, Simon Johnson and James A. Robinson. 2001. The Colonial Origins of Comparative Development: An Empirical Investigation. *American Economic Review* 91(5): 1369-1401.
- Dell, Melissa. 2010. The Persistent Effects of Peru's Mining Mita. *Econometrica* 78(6): 1863-1903.
- Nunn, Nathan. 2008. The Long-term Effects of Africa's Slave Trades. *Quarterly Journal of Economics* 123(1): 139-176.
- Nunn, Nathan and Diego Puga. 2012. Ruggedness: The Blessing of Bad Geography in Africa. *Review of Economics and Statistics* 94(1): 20-36.

Additional material

- Easterly, William and Ross Levine. 2003. Tropics, Germs, and Crops: How Endowments Influence Economic Development. *Journal of Monetary Economics* 50: 3-39.
- Nunn, Nathan and Leonard Wantchekon. 2011. The Slave Trade and the Origins of Mistrust in Africa. *American Economic Review* 101(7): 3221-3252.

Tutorial

- Alsan, Marcella. 2015. The Effect of the TseTse Fly on African Development. *American Economic Review* 105(1): 382-410.
- Laitin, David D. and Rajesh Ramachandran. 2016. Language Policy and Human Development. *American Political Science Review* 110(3): 457-480.
- Michalopoulos, Stelios and Elias Papaioannou. 2016. The Long-run Effects of the Scramble for Africa. *American Economic Review* 106(7): 1802-1848.
- Nunn, Nathan and Nancy Qian. 2011. The Potato's Contribution to Population and Urbanization: Evidence from a Historical Experiment. *Quarterly Journal of Economics* 126(2): 593-650.

2. Development Aid (Fuchs)

Lecture

- Kuziemko, Ilyana, and Eric Werker. 2006. How Much is a Seat on the Security Council Worth? Foreign Aid and Bribery at the United Nations. *Journal of Political Economy* 114(5): 905-930.
- 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.
- Nunn, Nathan and Nancy Qian. 2014. US Food Aid and Civil Conflict. *American Economic Review* 104(6): 1630-1666.

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.
- Christian, Paul and Christopher B. Barrett. 2017. Revisiting the Effect of Food Aid on Conflict: A Methodological Caution. Policy Research Working Paper 8171. Washington, DC: The World Bank.

Tutorial

- Faye, Michael and Paul Niehaus. 2012. Political Aid Cycles. *American Economic Review* 102(7): 3516-3530.
- Eisensee, Thomas and David Strömberg. 2007. News Droughts, News Floods, and US Disaster Relief. *Quarterly Journal of Economics* 122(2): 693-728.
- Dreher, Axel and Steffen Lohmann. 2015. Aid and Growth at the Regional Level. *Oxford Review of Economic Policy* 31(3-4): 420-446.
- Bluhm, Richard, Martin Gassebner, Sarah Langlotz and Paul Schaudt. 2016. Fueling Conflict? (De)escalation and Bilateral Aid. CESifo Working Paper No. 6125.

3. The Economic Rise of China (Fuchs)

Lecture

- Fuchs, Andreas and Nils-Hendrik Klann. 2013. Paying a Visit: The Dalai Lama Effect on International Trade. *Journal of International Economics* 91(1): 164-177.
- Autor, David H., David Dorn and Gordon H. Hanson. 2016. The China Shock: Learning from Labor-Market Adjustment to Large Changes in Trade. *Annual Review of Economics* 8: 205-240.
- Autor, David H., David Dorn, Gordon Hanson and Kaveh Majlesi. 2017. Importing Political Polarization? The Electoral Consequences of Rising Trade Exposure. Working Paper.
- Dreher, Axel, Andreas Fuchs, Roland Hodler, Bradley 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.

Additional material

- Lin, Faqin, Cui Hu and Andreas Fuchs. 2019. How Do Firms Respond to Political Tensions? The Heterogeneity of the Dalai Lama Effect on Trade. *China Economic Review* 54: 73-93.
- Autor, David H., David Dorn and Gordon H. Hanson. 2013. The China Syndrome: Local Labor Market Effects of Import Competition in the United States. *American Economic Review* 103(6): 2121-68.
- Dreher, Axel and Andreas Fuchs. 2015. Rogue Aid? An Empirical Analysis of China's Aid Allocation. *Canadian Journal of Economics/Revue canadienne d'économique* 48(3): 988-1023.

Tutorial

- Che, Yi, Julan Du, Yi Lu and Zhigang Tao. 2015. Once an Enemy, Forever an Enemy? The Long-run Impact of the Japanese Invasion of China from 1937 to 1945 on Trade and Investment. *Journal of International Economics* 96(1): 182-198.
- Fisman, Raymond, Yasushi Hamao and Yongxiang Wang. 2014. Nationalism and Economic Exchange: Evidence from Shocks to Sino-Japanese Relations. *Review of Financial Studies* 27(9): 2626-2660.
- Autor, David H., David Dorn, Gordon H. Hanson and Jae Song. 2014. Trade Adjustment: Worker-level Evidence. *Quarterly Journal of Economics* 129(4): 1799-1860.
- Isaksson, Ann-Sofie and Andreas Kotsadam. Chinese Aid and Local Corruption. *Journal of Public Economics* 159: 146-159.

4. 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.

5. 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.

6. 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.

7. 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.

8. Behavioral Development Economics (Ibanez)

Lecture

Datta, S. and Mullainathan, S., 2014. Behavioral design: a new approach to development policy. *Review of Income and Wealth*, 60(1), pp.7-35.

Demeritt, A. and Hoff, K., 2016. "Small Miracles"—Behavioral Insights to Improve Development Policy: The World Development Report 2015. In *Contemporary Issues in Development Economics* (pp. 19-43). Palgrave Macmillan, London.

Demeritt, A. and Hoff, K., 2018. The making of behavioral development economics. The World Bank. World Bank. 2015. World Development Report 2015: Mind, Society, and Behavior. Washington, DC: World Bank. doi: 10.1596/978-1-4648-0342-0. Chapters 1 and 3.

Additional material

OECD. 2011, *Behavioural Insights and Public Policy: Lessons from Around the World*, OECD Publishing, Paris.

UNDP. Behavioral Insights at the United Nations – Achieving Agenda 2030. UNDP, <http://www.undp.org/content/undp/en/home/librarypage/development-impact/behavioural-insights-at-the-united-nations--achieving-agenda-203.html>.

Tutorial: Behavioral Development and Scarcity and decision making

Dupas, P. and Robinson, J., 2013. Why don't the poor save more? Evidence from health savings experiments. *American Economic Review*, 103(4), pp.1138-71.

Karlan, D., McConnell, M., Mullainathan, S. and Zinman, J., 2016. Getting to the top of mind: How reminders increase saving. *Management Science*, 62(12), pp.3393-3411.

Kaur, S., Kremer, M. and Mullainathan, S., 2015. Self-control at work. *Journal of Political Economy*, 123(6), pp.1227-1277.

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

Lecture

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*)

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

Additional material

Goldberg, P.K. and Pavcnik, N., 2007. Distributional effects of globalization in developing countries, *Journal of Economic Literature* 45 (1), 39–82.

Harrison, A. and Rodríguez-Clare, A., 2010, Trade, foreign investment, and industrial policy for developing countries, in: *Handbook of Development Economics*, Vol. 5, ch. 63, pp. 4039-4212, Elsevier.

Tutorial

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

McCaig, B., 2011. Exporting out of poverty: Provincial poverty in Vietnam and U.S. market access. *Journal of International Economics*, 85 (1), 102–113.

Topalova, P., 2010. Factor immobility and regional impacts of trade liberalization: Evidence on poverty from India. *American Economic Journal: Applied Economics*, 2 (4), 1–41.

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

10. International Migration and Development (Kis-Katos)

Lecture

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

McKenzie, D., Gibson, J. and Stillman, S., 2014. How important is selection? Experimental vs. non-experimental measures of the income gains from migration, *Journal of European Economic Association*, 8(4), 913-945.

Additional material

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.

Clemens, M.A. and Tiongson, E.R. 2017. Split decisions: Household finances when a policy discontinuity allocates overseas work. *Review of Economics and Statistics*, 99(3), 531-543.

Gibson, J., McKenzie, D. and Stillman, S. 2011. The impacts of international migration on remaining household members: Omnibus results from a migration lottery. *Review of Economics and Statistics*, 93(4), 1297-1318.

Kaestner, R. and Malamud, O. 2014. Self-selection and international migration: New evidence from Mexico. *Review of Economics and Statistics*, 96(1), 78-91.

11. The psychology of Poverty (Ibanez)

Lecture

Schilbach, F., Schofield, H. and Mullainathan, S., 2016. The psychological lives of the poor. *American Economic Review*, 106(5), pp.435-40.

Dean, E., Schilbach, F. and Schofield, H., 2016. Poverty and cognitive function. In Barrett, C.B., Carter, M., Chavas, J.P. and Carter, M.R. eds., 2019. *The economics of poverty traps*. University of Chicago Press.

- World Bank. 2015. World Development Report 2015: Mind, Society, and Behavior. Washington, DC: World Bank. doi: 10.1596/978-1-4648-0342-0. (Chapter 4 and 5)
- Kremer, M., Rao, G. and Schilbach, F., 2019. Behavioral development economics. *Handbook of Behavioral Economics*, 2.
- Mullainathan, S. and Shafir, E., 2013. *Scarcity: Why having too little means so much*. Macmillan.

Tutorial: Behavioral Development and Scarcity and Decision Making

- Ong, Q., Theseira, W. and Ng, I.Y. 2019. Reducing debt improves psychological functioning and changes decision-making in the poor. *Proceedings of the National Academy of Sciences*, 116(15), pp.7244-7249.
- Prediger, S., Vollan, B. and Herrmann, B. 2014. Resource scarcity and antisocial behavior. *Journal of Public Economics*, 119, pp.1-9.
- Riley, E., 2017. Increasing students' aspirations: the impact of Queen of Katwe on students' educational attainment. In CSAE Working Paper WPS/2017-13.

12. Corruption and Governance (Kis-Katos)

Lecture

- Olken, B.A. and Pande, R. 2012, Corruption in developing countries. *Annual Review of Economics*, 4, 479-509.

Additional material:

- Baland, J.-M., Moene, K.O. and Robinson, J.A. 2010. Governance and development. In: *Handbook of Development Economics* Vol. 5, Ch. 69, pp. 4579-4656. Elsevier.
- Banerjee A, Hanna R, Mullainathan S., 2012. Corruption. In *The Handbook of Organizational Economics*, ed. R Gibbons, J Roberts, pp. 1109–1147. Princeton, NJ: Princeton Univ. Press.
- Pande, R., 2011, Can informed voters enforce better governance? Experiments in low-income democracies, *Annual Review of Economics* 3, 215-237.

Tutorial

- Bobonis, G.J., Fuertes, L.R.C. and Schwabe, R., 2016. Monitoring corruptible politicians. *American Economic Review* 106(8), 2371-2405.
- Burgess, R., Hansen, M., Olken, B.A., Potapov, P. and Sieber, S., 2012. The political economy of deforestation in the tropics. *Quarterly Journal of Economics* 127(4), 1707-1754.
- Duflo, E., Hanna, R. and Ryan, S.P., 2012. Incentives work: Getting teachers to come to school. *American Economic Review* 102(4), 1241–1278.
- Muralidharan, K., Niehaus, P. and Sukhtankar, S., 2016. Building state capacity: Evidence from biometric smartcards in India. *American Economic Review* 106(10), 2895-2929.

13. Decision Under Risk and Uncertainty (Ibanez)

Lecture

- Attanasio, O., Barr, A., Cardenas, J.C., Genicot, G. and Meghir, C., 2012. Risk pooling, risk preferences, and social networks. *American Economic Journal: Applied Economics*, 4(2), pp.134-67.
- Karlan, D., Ratan, A.L. and Zinman, J., 2014. Savings by and for the Poor: A Research Review and Agenda. *Review of Income and Wealth* 60(1), pp.36-78.
- Vieider, F.M., Lefebvre, M., Bouchouicha, R., Chmura, T., Hakimov, R., Krawczyk, M. and Martinsson, P., 2015. Common components of risk and uncertainty attitudes across contexts and domains: Evidence from 30 countries. *Journal of the European Economic Association* 13(3), pp.421-452.
- Noussair, C.N., Trautmann, S.T. and Van de Kuilen, G., 2013. Higher order risk attitudes, demographics, and financial decisions. *Review of Economic Studies*, 81(1), pp.325-355.
- Baland, J.M., Bonjean, I., Guirking, C. and Ziparo, R. 2016. The economic consequences of mutual help in extended families. *Journal of Development Economics*, 123, pp.38-56.

Tutorial

- Batista, C. and Umblijs, J., 2015. Do migrants send remittances as a way of self-insurance?. *Oxford Economic Papers*, 68(1), pp.108-130.
- Batista, C., Silverman, D. and Yang, D., 2014. Directed giving: Evidence from an inter-household transfer experiment (No. w20605). National Bureau of Economic Research.
- Horn, S. and Karlan, D., 2018. Intuitive Donating: Testing One-Line Solicitations for \$1 Donations in a Large Online Experiment (No. w24327). National Bureau of Economic Research.
- Di Falco, S., Feri, F., Pin, P. and Vollenweider, X., 2018. Ties that bind: Network redistributive pressure and economic decisions in village economies. *Journal of Development Economics*, 131, pp.123-131.
- Mobarak, A.M. and Rosenzweig, M.R., 2013. Informal risk sharing, index insurance, and risk taking in developing countries. *American Economic Review*, 103(3), pp.375-80.
- de Oliveira, A.C., Eckel, C.C. and Croson, R.T., 2014. Solidarity among the poor. *Economics Letters*, 123(2), pp.144-148.
- Strupat, C. and Klohn, F., 2018. Crowding out of solidarity? Public health insurance versus informal transfer networks in Ghana. *World Development*, 104, pp.212-221.
- Takahashi, K., Barrett, C.B. and Ikegami, M., 2018. Does index insurance crowd in or crowd out informal risk sharing? Evidence from rural Ethiopia. *American Journal of Agricultural Economics*, 101(3), pp.672-691.