

BOEC0380 – Global Policy Analysis: Poverty, Development, Growth

Instructor

Dina Pomeranz

Email: dina.pomeranz@econ.uzh.ch

Office hours: by appointment

Teaching Assistants and Section Times

Kobbina Awuah

Email: kobbina.awuah@econ.uzh.ch

Office hours: Monday 15:00-16:00, Zoom

Simona Sartor

Email: simona.sartor@econ.uzh.ch

Office hours: Thursday 14:00-15:00, Zoom

Time and Location

Lecture: Tuesday 16:15-18:00, Zoom

Exercise sections: Wednesday 16:15-18:00, Zoom

Zoom link (for both): <https://zoom.us/j/3513830261?pwd=enFJQy9WTXppQlpLeE9OdWIDNzE2QT09>

Final Exam

Tuesday 22/06/2021, Location TBD

Link to questions

<https://docs.google.com/spreadsheets/d/1PcKyIpo2pWSuWcOl-O3bxheevHac7ySkU2Im7rZfjww/edit?usp=sharing>

Course Description

This course has two primary objectives: First, it provides students with a solid overview of what we know about key topics of global development, such as the trends in poverty around the world, inequality, access to education and healthcare, international migration, world hunger and population growth. Second, it equips students with tools to critically assess statistical claims and analysis about these issues of global development, by providing an introduction to commonly used empirical methods. In other words: how to spot when someone lies with data? Students will have some opportunities to try out these methods themselves in a hands-on way.

Grading

<i>Item</i>	<i>Points</i>
Problem sets (best 6 out of 7)	25%
Final exam	75%

Problem sets will be due on March 8th, 15th, April 12th, 26th, May 10th, 17th, 31st. They need to be uploaded on OLAT drop box folder. The content of the problem sets will be discussed in the exercise sessions.

You can work in groups (of up to 4 students) but each student should submit the problem set separately. If you work in group, please mark the names of other group members on your problem set, which will facilitate the grading process.

The final exam will include questions concerning the required readings, the material in the slides, and the materials covered in problem sets.

Class Policies

Lectures will be online. Lecture slides will be uploaded before and after class. It is mandatory that cameras be turned on during class sessions.

Guest Speakers:

- Lecture 8: Carol Nekesa and Frank Odhiambo, RCT experts from Kenya
- Lecture 9: Shailee Pradhan (Swiss RE), Oyebola Okungobe (World Bank), Pascal Fendrich (Helvetas), Laura Rutishauser (Swiss Federal Department of Foreign Affairs)

Schedule and Topics (preliminary, subject to changes)

Week	#	Weekday	Date	Lectures
1	1	Tuesday	23/02	Course Introduction
2	2	Tuesday	02/03	Global Poverty Measures I
3	3	Tuesday	09/03	Global Poverty II & Inequality I
4	4	Tuesday	16/03	Inequality II & Population Growth
5	5	Wednesday	24/03	Health I & Introduction to Randomized Controlled Trials (RCTs)
6	6	Tuesday	30/03	Introduction to Difference-in-Differences Analysis & Perspective from Ghana on Development and Business in Africa
7	7	Wednesday	14/04	Covid and Health II
8	8	Tuesday	20/04	Education & Comparison of Impact Evaluation Methods
8	9	Wednesday	21/04	Career Panel & Climate Change
9	10	Tuesday	27/04	Corruption, Democracy, Institutions, and Regression Discontinuity Design (RDD)
10	11	Tuesday	04/05	Aid & Impact Measurement
11	12	Tuesday	11/05	Colonialism, Power and Political Economy of Development
12	13	Tuesday	18/05	Taxation

13 14 Tuesday 25/05 Migration

14 15 Tuesday 01/06 Review Session

Reading List

In order to keep the course up-to-date, the reading list might be updated slightly throughout the semester based on the experience of the early classes and class interests. Changes to readings will come at the latest one week before the lecture they pertain to.

The required readings are in bold. It is recommended to read them before the class and they will be part of the materials covered in the exam. The other readings are optional for those who are interested in further learning.

At the beginning of the reading list there are also a few books for further reading that might be of interest to some of you and are very related to the course content.

Suggested Additional Books for Further Reading

On empirical methods:

- *Mastering 'Metrics*, Angrist, Joshua D., & Pischke, Jörn-Steffen (2014). Princeton University Press.
- *Running Randomized Evaluations: a Practical Guide*, Glennerster, Rachel, & Takavarasha, Kudzai (2013). Princeton University Press.
- *Randomistas: How Radical Researchers Are Changing Our World*, Leigh, Andrew (2018). Yale University Press.

On development economics

- *Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think*, Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). Flatiron Books, New York.
- *Poor Economics: a Radical Rethinking of the Way to Fight Global Poverty*, Banerjee, Abhijit, and Esther Duflo (2011). PublicAffairs.
- *The Economics of Poverty: History, Measurement and Policy*, Martin Ravallion (2016)
- *Encountering Poverty: Thinking and Acting in an Unequal World*, Roy, Ananya, Genevieve Negrón-Gonzales, Kweku Opoku-Agyemang, Clare Talwalker, and Abby VanMuijen (2016). University of California Press, Oakland, California.
- *More than Good Intentions. How a New economics is Helping to Solve Global Poverty*, Karlan, Dean, and Jacob Appel (2011). Dutton, New York.
- *Development as Freedom*, Sen, Amartya (2001). Oxford Paperbacks.

On effective altruism

- *Doing Good Better: Effective Altruism and a Radical New Way to Make a Difference*, MacAskill, William (2015). Guardian Faber Publishing.

Lecture 1, February 23rd: Course Introduction

- *Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think* (Chapter 2), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). Flatiron Books, New York.
- *See How the Rest of the World Lives, Organized by Income*, Rosling Rönnlund, Anna (2017). *TED Talk*.
https://www.ted.com/talks/anna_rosling_ronnlund_see_how_the_rest_of_the_world_lives_organized_by_income
- *The Danger of a Single Story*. Adichie, Chimamanda (2009). *TED Talk*.
https://www.ted.com/talks/chimamanda_adichie_the_danger_of_a_single_story/transcript
- *The Economic Lives of the Poor*, Banerjee, Abhijit and Esther Duflo (2007). *Journal of Economic Perspectives* 21.1: 141-167. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/jep.21.1.141>

- *Falling living standards during the COVID-19 crisis: Quantitative evidence from nine developing countries.* Egger, Dennis, Miguel Edward, Shana S. Warren, Ashish Shenoy, Elliot Collins, Dean Karlan, Doug Parkerson, A. Mushfiq Mobarak, Günther Fink, Christopher Udry, Michael Walker, Johannes Haushofer, Magdalena Larrebourg, Susan Athey, Paula Lopez-Pena, Salim Benhachmi, Macartan Humphreys, Layna Lowe, Niccoló F. Meriggi, Andrew Wabwire, C. Austin Davis, Utz Johann Pape, Tilmann Graff, Maarten Voors, Carolyn Nekesa, Corey Vernot (2021). *Science Advances* 7. 6.
<https://advances.sciencemag.org/content/7/6/eabe0997/tab-pdf>

Lecture 2, March 2th: Global Poverty Measures I

- **Global Extreme Poverty** (Subsections: “Overview”; “Extreme poverty in the broader context of well-being”; “Historical poverty around the world”; “Historical poverty in today’s rich countries”; “The evolution of extreme poverty, country by country”; “Total population in extreme poverty, by world regions”; “How many poor people live in each country?”; “Who are the people living in extreme poverty?”; “Setting the International Poverty Line”; “What is the cost of ending extreme poverty”), **Our World in Data.**
<https://ourworldindata.org/extreme-poverty>
- **What Are PPP Adjustments and Why Do We Need Them?**, **Our World in Data.**
<https://ourworldindata.org/what-are-ppps>
- *Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think* (Chapter 8), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). Flatiron Books, New York.
- *The Danger of a Single Story.* Adichie, Chimamanda (2009). *TED Talk.*
https://www.ted.com/talks/chimamanda_adichie_the_danger_of_a_single_story/transcript
- *The Economics of Poverty: History, Measurement, and Policy* (Chapters 3.1, 4), Ravallion, Martin (2015). Oxford University Press.

Lecture 3, March 9th: Global Poverty II & Inequality I

- **Global Economic Inequality** (In Section “The history of global economic inequality”, Subsections: “Global divergence followed by convergence”, “Global income inequality increased for 2 centuries and is now falling”, “The latest data on global inequality and a look into the future”, “Inequality within countries and inequality between countries”), **Our World in Data.** <https://ourworldindata.org/global-economic-inequality>
- **Income Inequality** (Subsections: “How unequal were preindustrial societies?”; “How has inequality in high-income countries evolved over the last century?”; “Inequality before or after taxes?”; “Inequality of disposable incomes over the long run”; “How are the incomes of the rich changing relative to the incomes of the poor?”; “High-income countries tend to have lower inequality”; “Latin America is the world region with the highest income inequality”; “Inequality in the US has been growing substantially in recent decades”; “Taxation and public spending reduce inequality”; “The Gini Coefficient”; “Pen's Parade”), **Our World in Data.** <https://ourworldindata.org/income-inequality>
- **World Inequality Report (2018)** (Parts 4.1,4.2: pages 196-211), **Alvaredo, Facundo; Chancel, Lucas; Piketty, Thomas; Saez, Emmanuel; Zucman, Gabriel (2017).**
<http://wir2018.wid.world/files/download/wir2018-full-report-english.pdf>
- *The Effects of Income Transparency on Well-Being: Evidence from a Natural Experiment,* Perez-Truglia, Ricardo (2019). Working Paper.
- *Are 26 billionaires worth more than half the planet? The debate, explained.,* Matthews, Dylan (2019). *Vox.* https://www.vox.com/platform/amp/future-perfect/2019/1/22/18192774/oxfam-inequality-report-2019-davos-wealth?twitter_impression=true
- *Die Verteilung von Einkommen und Vermögen in der Schweiz.* Foellmi, Reto & Martinez, Isabel

Z (2017). *UBS Center Public Paper 6*.

https://www.ubscenter.uzh.ch/assets/publicpapers/PP6_Verteilung_von_Einkommen_und_Vermogen.pdf

- *Happiness and Life Satisfaction*, Our World in Data. <https://ourworldindata.org/happiness-and-life-satisfaction>
- *Incomes Across the Distribution*, Our World in Data. <https://ourworldindata.org/incomes-across-the-distribution>
- *Global poverty in an unequal world: Who is considered poor in a rich country? And what does this mean for understanding of global poverty?* Roser, Max, (2021). Our World in Data, <https://ourworldindata.org/higher-poverty-global-line>
- *The Size of the Poverty Gap: Some Hints Regarding the Cost of Ending Extreme Poverty*, Our World in Data. <https://ourworldindata.org/size-poverty-gap>
- *New Thoughts on Capital in the Twenty-first Century*, Piketty, Thomas (2014). *TED Talk*. https://www.ted.com/talks/thomas_piketty_new_thoughts_on_capital_in_the_twenty_first_century?
- *The Economics of Poverty: History, Measurement, and Policy* (Chapter 5.1-5.3, 5.8), Ravallion, Martin (2015). Oxford University Press.
- *World Inequality Report (2018)* (Executive Summary: pages 7-20; Part II - Trends in Global Income Inequality: pages 38-152), Alvaredo, Facundo; Chancel, Lucas; Piketty, Thomas; Saez, Emmanuel; Zucman, Gabriel (2017). <http://wir2018.wid.world/files/download/wir2018-full-report-english.pdf>
- *Experienced well-being rises with income, even above \$75,000 per year*, Killingsworth, Mathew A. (2021). *Proceedings of the National Academy of Sciences of the United States of America*, 118(4). <https://www.pnas.org/content/pnas/118/4/e2016976118.full.pdf>

Lecture 4, March 16th: Inequality II & Population Growth

- ***"Life Expectancy" – What Does this Actually Mean?, Our World in Data.*** <https://ourworldindata.org/life-expectancy-how-is-it-calculated-and-how-should-it-be-interpreted>
- ***When Will the World Reach 'Peak Child'?*** (Subsections: "The last decades and the next decades"; "The link between education in the short-run and the size of the population in the long-run"; "The WC-IIASA projections: How investments in education matter for the global population in the 21st century"; "The four future scenarios for global education"; "The size and structure of the world population under different educational scenarios"; "Global demand for education: The population of school-age children"; "Africa is going to be crucial"; " ") **Our World in Data.** <https://ourworldindata.org/peak-child>
- ***World Population Growth*** (Subsections: "Two centuries of rapid global population growth will come to an end"; "World Population from 10,000 BCE to today"; "How long did it take for the world population to double?"; "Population growth by country"; "Population growth by world region"; "How has the world population growth rate changed?"; "Population growth rate by country and region"; "How development affects population growth"; "The past future of the global age structure"; "The Demographic Transition"; "Empirical evidence for the demographic transition") **Our World in Data.** <https://ourworldindata.org/world-population-growth>
- ***Future Population Growth*** (Subsections: "The world is reaching peak child"; "The world population by educational structure"; "Births and deaths"; "Projections of the fertility rate", "The correlation between the fertility rate and population growth"), **Our World in Data.** <https://ourworldindata.org/future-population-growth>
- **Our World in Data.** <https://ourworldindata.org/grapher/child-mortality-vs-population-growth>
- *DON'T PANIC — Hans Rosling Showing the Facts about Population*, Rosling, Hans (2014). Video. <https://www.youtube.com/watch?v=FAck2knC08E&t=213s>
- *Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You*

Think (Chapter 3), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). Flatiron Books, New York.

- *Population Policies and Fertility Convergence*, de Silva, Tiloca and Tenreyro, Silvana (2018). *VoxDev*. <https://voxddev.org/topic/health-education/population-policies-and-fertility-convergence>
- *World Population Prospects: The 2015 Revision, Key Findings and Advance Tables*, United Nations, Department of Economic and Social Affairs, Population Division (2015). Working Paper No. ESA/P/WP.241. https://population.un.org/wpp/Publications/Files/WPP2019_Highlights.pdf

Lecture 5, March 24th: Health I & Introduction to Randomized Controlled Trials (RCTs)

Health

- **Child Mortality** (Sections : "Child mortality- where we are today" (only intro + subsection "Child mortality is an everyday tragedy of enormous scale that rarely makes the headlines"); "Mortality in the past – around half died as children" (all subsections included); "Child mortality around the world since 1800" (all subsections included); "Global picture of child mortality from 1800 until today" (all subsections included); "Child mortality and income level" (all subsections included)). **Our World in Data**. <https://ourworldindata.org/child-mortality>
- **Cleaner Water at the Source**, Abdul Latif Jameel Poverty Action Lab. *J-PAL Policy Bulletin* (2012). Cambridge, MA. https://www.povertyactionlab.org/sites/default/files/publications/2012.08.30_Spring_Cleaning_0.pdf
- **Deworming: A Best Buy for Development**, Abdul Latif Jameel Poverty Action Lab. *J-PAL Policy Bulletin* (2012). Cambridge, MA. **on OLAT**
- **Famines** (Section (all subsections included): “Famine across the world since 1860”), **Our World in Data**. <https://ourworldindata.org/famines>
- **Free Malaria Bednets, Innovation for Poverty Actions**. <https://www.poverty-action.org/impact/free-malaria-bednets>
- **Hunger and Undernourishment** (Sections (all subsections included): “Undernourishment”; “Childhood malnutrition”), **Our World in Data**. <https://ourworldindata.org/hunger-and-undernourishment>
- *Disease and Development: Evidence from Hookworm Eradication in the American South*, Hoyt Bleakley (2007). *The Quarterly Journal of Economics*, Volume 122 (1), 73–117. <https://academic.oup.com/qje/article/122/1/73/1924773>
- *Free Distribution or Cost-Sharing? Evidence from a Randomized Malaria Prevention Experiment*, Cohen, Jessica & Pascaline Dupas (2010). *The Quarterly Journal of Economics*, Volume 125, Issue 1, 1 February 2010, Pages 1–45. <https://doi.org/10.1162/qjec.2010.125.1.1>
- *Social Experiments to Fight Poverty*, Duflo, Esther (2010). *TED Talk*. https://www.ted.com/talks/esther_duflo_social_experiments_to_fight_poverty
- *Spring Cleaning: Rural Water Impacts, Valuation, and Property Rights Institutions*, Kremer, Michael; Jessica Leino; Edward Miguel; Alix Peterson Zwane (2011). *The Quarterly Journal of Economics*, Volume 126, Issue 1, 1 February 2011, Pages 145-205. <https://doi.org/10.1093/qje/qjq010>
- *What Does a Famine Declaration Declare?*, Our World in Data. <https://ourworldindata.org/what-does-a-famine-declaration-declare>
- *Worms: Identifying Impacts on Education and Health in the Presence of Treatment Externalities*, Miguel, Edward, & Kremer, Michael (2004). *Econometrica*, 72(1), 159-217. http://cega.berkeley.edu/assets/cega_research_projects/1/Identifying-Impacts-on-Education-and-Health-in-the-Presence-of-Treatment-Externalities.pdf
- *COVID-19 pandemic drives global increase in humanitarian food assistance needs: Lasting economic impacts of the COVID-19 pandemic to adversely affect food security into 2021*,

Famine Early Warning System Network (2020). <https://fews.net/global/alert/september-2020>

RCT

- ***Impact Evaluation Methods in Public Economics: a Brief Introduction to Randomized Evaluations and Comparison with Other Methods* (Sections 1 and 2), Pomeranz, Dina (2017). *Public Finance Review*, 45(1):10-43**
https://www.zora.uzh.ch/id/eprint/136558/1/Pomeranz_Impact-Evaluation-Methods-final.pdf
- *Do Conditional Cash Transfers Improve Child Health? Evidence from PROGRESA's Control Randomized Experiment*, Gertler, Paul (2004). *American Economic Review*, 94 (2): 336-341.
<https://pubs.aeaweb.org/doi/pdfplus/10.1257/0002828041302109>
- *Introduction to Evaluation*, Abdul Latif Jameel Poverty Action Lab. Cambridge, MA.
<https://www.povertyactionlab.org/sites/default/files/resources/Introduction-to-Evaluations.pdf>
- *Practical Suggestions for More Ethical Social Science*, David Evans, (2021). *Center for Global Development*. <https://www.cgdev.org/blog/practical-suggestions-more-ethical-social-science-rcts>
- *Social Experiments to Fight Poverty*, Duflo, Esther (2010). *TED Talk*.
https://www.ted.com/talks/esther_duflo_social_experiments_to_fight_poverty
- *Using randomization in development economics research: A toolkit*, Duflo, Esther, Rachel Glennerster, and Michael Kremer. *Handbook of Development Economics* 4 (2007): 3895-3962.
<http://www.sciencedirect.com/science/article/pii/S1573447107040612>
- *Data analysis*, Duru, Maya and Sarah Kopper. <https://www.povertyactionlab.org/resource/data-analysis>

Lecture 6, March 30th: Introduction to Difference-in-Differences Analysis & Perspective from Ghana on Development and Business in Africa

Difference-in-differences

- ***Impact Evaluation Methods in Public Economics: a Brief Introduction to Randomized Evaluations and Comparison with Other Methods* (Sections 3 to 8), Pomeranz, Dina (2017). *Public Finance Review*, 45(1):10-43**
https://www.zora.uzh.ch/id/eprint/136558/1/Pomeranz_Impact-Evaluation-Methods-final.pdf
- *The Digital Divide: Information (Technology), Market Performance, and Welfare in the South Indian Fisheries Sector*, Jensen, Robert (2007). *The Quarterly Journal of Economics* 122.3: 879-924. <https://web.stanford.edu/class/commla/readings/jensen-digital-divide.pdf>

Lecture 7, March 30th: Covid & Health II

- ***Coronavirus: Testing and Freezing – A Survival Strategy for the Swiss Economy*. Department of Economics, University of Zurich. 26 March 2020.**
<https://www.econ.uzh.ch/en/newsandmedia/Coronavirus-Positionspapier.html>
- ***Falling living standards during the COVID-19 crisis: Quantitative evidence from nine developing countries*. Egger, Dennis, Miguel Edward, Shana S. Warren, Ashish Shenoy, Elliot Collins, Dean Karlan, Doug Parkerson, A. Mushfiq Mobarak, Günther Fink, Christopher Udry, Michael Walker, Johannes Haushofer, Magdalena Larrebourg, Susan Athey, Paula Lopez-Pena, Salim Benhachmi, Macartan Humphreys, Layna Lowe, Niccoló F. Meriggi, Andrew Wabwire, C. Austin Davis, Utz Johann Pape, Tilmann Graff, Maarten Voors, Carolyn Nekesa, and Corey Vernot (2021). *Science Advances* 7. 6.**
<https://advances.sciencemag.org/content/7/6/eabe0997/tab-pdf>
- ***Is there a health-wealth tradeoff during the COVID-19 crisis?* National COVID-19 Science**

Task Force (NCS-TF), 18 August 2020. <https://sciencetaskforce.ch/en/policy-brief/is-there-a-health-wealth-tradeoff-during-the-covid-19-crisis-2/>

- ***Market design to accelerate COVID-19 vaccine supply.* Castillo, Juan Camilo, Amrita Ahuja, Susan Athey, Arthur Baker, Eric Budish, Tasneem Chifty, Rachel Glennerster, Scott Duke Kominers, Michael Kremer, Greg Larson, Jean Lee, Canice Prendergast, Christopher M. Snyder, Alex Tabarrok, Brandon Joel Tan, and Witold Wiecek (2021). *Science*, 371: 1107-1109. <https://science.sciencemag.org/content/sci/371/6534/1107.full.pdf>**
- *Does contact Tracing Work? Quasi-Experimental Evidence from an Excel Error in England*, Fetzer, Thimo and Thomas Graeber (2020). *medRxiv*. <https://www.medrxiv.org/content/10.1101/2020.12.10.20247080v1>
- *“Es gibt kein besseres Konjunkturprogramm als die Impfung.”* Bütler, Monika in: *Handelszeitung* (19.3.2021). https://www.handelszeitung.ch/news/es-gibt-kein-besseres-konjunkturprogramm-als-die-impfung?utm_source=twitter&utm_medium=social&utm_campaign=share-button
- *Advance Market Commitments: Insights from Theory and Experience.* Kremer, Michael, Jonathan D. Levin, and Christopher M. Snyder (2020). *NBER Working Paper No. 26775*. https://www.nber.org/system/files/working_papers/w26775/w26775.pdf
- *Preparing for a pandemic: Accelerating Vaccine Availability.* Ahuja, Amrita, Susan Athey, Arthur Baker, Eric Budish, Juan Camilo Castillo, Rachel Glennerster, Scott Duke Kominers, Michael Kremer, Jean Nahrae Lee, Canice Prendergast, Christopher M. Snyder, Alex Tabarrok, Brandon Joel Tan, and Witold Wiecek (2021). *NBER Working Paper No. 28942*. https://www.nber.org/system/files/working_papers/w28492/w28492.pdf
- *Here’s how to get billions of COVID-19 vaccine doses to the world.* Bown, Chad P., Thomas J. Bollyky (2021). PIIE. <https://www.piie.com/blogs/trade-and-investment-policy-watch/heres-how-get-billions-covid-19-vaccine-doses-world>
- *Forschungsfonds garantiert die Abnahme.* Pomeranz, Dina (2004). *Tagesanzeiger. On OLAT*

National COVID-19 Science Task Force (NCS-TF) Policy Briefings on Economic Topics:

- *Why far-reaching health policy measures make sense from a macroeconomic perspective in the current situation (only in German).* 19 January 2021. <https://sciencetaskforce.ch/en/policy-brief/why-far-reaching-health-policy-measures-make-sense-from-a-macroeconomic-perspective-in-the-current-situation/>
- *Support to businesses in the second COVID-19 wave.* 10 November 2020. <https://sciencetaskforce.ch/en/policy-brief/support-to-businesses-in-the-second-covid-19-wave/>
- *Estimating the economic costs of avoiding COVID-19 transmission through quarantine and testing of travelers arriving in Switzerland.* 8 November 2020. <https://sciencetaskforce.ch/en/policy-brief/estimating-the-economic-costs-of-avoiding-covid-19-transmission-through-quarantine-and-testing-of-travellers-arriving-in-switzerland-1/>
- *Widespread community spread of SARS-CoV-2 is damaging health, society and the economy.* 14 September 2020. <https://sciencetaskforce.ch/en/policy-brief/widespread-community-spread-of-sars-cov-2-is-damaging-to-health-society-and-the-economy-2/>
- *Digital Proximity Tracing – The View from Economics.* 10 July 2020. <https://sciencetaskforce.ch/en/policy-brief/digital-proximity-tracing-the-view-from-economics-2/>
- *Disruption of the Swiss labor market: 2020 Corona crisis and the 2008 Financial crisis compared.* 16 June 2020. <https://sciencetaskforce.ch/en/policy-brief/disruption-of-the-swiss-labor-market-2020-corona-crisis-and-2008-financial-crisis-compared-2/>
- *How to repay the government debt resulting from the COVID-19 crisis?* 20 May 2020. <https://sciencetaskforce.ch/en/policy-brief/how-to-repay-the-government-debt-resulting-from-the-covid-19-crisis-2/>

- *Gender aspects of COVID-19 and the pandemic response*. 14 May 2020. <https://sciencetaskforce.ch/en/policy-brief/gender-aspects-of-covid-19-and-pandemic-response/>
- *Economic Considerations of Test-Isolate-Trace-Quarantine (TITQ)*. 10 May 2020. <https://sciencetaskforce.ch/en/policy-brief/economic-considerations-of-test-isolate-trace-quarantine-titq-2/>

Lecture 8, April 20th: Education & Comparison of Impact Evaluation Methods

- ***Global Rise of Education*** (Sections (all subsections included): “The Evolution of Education Outcomes”; “School enrollment and attendance”; “Years of schooling”), **Our World in Data**. <https://ourworldindata.org/global-rise-of-education>
- ***Increasing Test Score Performance***, Abdul Latif Jameel Poverty Action Lab. Cambridge, MA. (article on OLAT)
- ***World Development Report 2018: Learning to Realize Education’s Promise*** (Overview: first part, pages 3-16), World Bank. 2018. Washington, DC: World Bank. <http://www.worldbank.org/en/publication/wdr2018>
- ***World Development Report 2018: Learning to Realize Education’s Promise***, World Bank. 2018. Washington, DC: World Bank. <http://www.worldbank.org/en/publication/wdr2018>

Lecture 9, April 21st: Climate Change

- ***Economists’ Statement on Carbon Dividends (2019)***, Climate Leadership Council (US) <https://www.clcouncil.org/economists-statement/>
- ***Economists’ Statement on Carbon Pricing (2019)***, European Association of Environmental and Resource Economists <https://www.eaere.org/statement/>
- ***CO₂ and other Greenhouse Gas Emissions***, Our World in Data. <https://ourworldindata.org/co2-and-other-greenhouse-gas-emissions>
- ***Way Down in the Hole: Adaptation to Long-Term Water Loss in Rural India***. Blakeslee, David, Ram Fishman, and Veena Srinivasan. (2020) *American Economic Review*, 110 (1): 200-224.
- ***Can climate change make us anti-social?*** (2019) Ted Miguel (video): <https://voxdev.org/topic/energy-environment/can-climate-change-make-us-antisocial>
- ***Climate change and infant mortality (2018)***, Michael Geruso and Dean Spears: <https://voxdev.org/topic/energy-environment/climate-change-and-infant-mortality>
- ***Economic growth in Africa will not be achieved by a blanket ban on fossil fuels***, More, Gyude, and Vijaya Ramachandran, (2021). *The Hill*. <https://thehill.com/blogs/congress-blog/foreign-policy/541554-economic-growth-in-africa-will-not-be-achieved-by-a>
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- ***The Shared Socioeconomic Pathways and their energy, land use, and greenhouse gas emissions implications: An overview***. Riahi, Keywan, Detlef P. van Vuuren, Elmar Kriegl, Jae Edmonds, Brian C. O’Neill, Shinichiro Fujimori, Nico Bauer, Katherine Calvin, Rob Dellink, Oliver Fricko, Wolfgang Lutz, Alexander Popp, Jesus Crespo Cuaresmo, Samir KC, Marian

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Lecture 10, April 27th: Corruption, Democracy, Institutions, and Regression Discontinuity Design (RDD)

- **Corruption** (Introduction; Sub-sections from Section “Empirical View”: “Where is perceived corruption highest?”; “Where are people more likely to pay bribes to access public services?”; “How does petty corruption affect the income of the poor?”; “Where are firms more likely to be asked for bribes”), **Our World in Data**.
<https://ourworldindata.org/corruption>
- **Democracy** (Empirical View), **Our World in Data**. <https://ourworldindata.org/democracy>
<https://slides.ourworldindata.org/war-and-violence/-/title-slide>
- **Political inclusion and development outcomes: Brazil introduces electronic voting**, Fujiwara, Thomas (2017). *VoxDev*. <https://voxdev.org/topic/technology-innovation/political-inclusion-and-development-outcomes-brazil-introduces-electronic-voting>
- **War and Peace** (Section “War and Peace after 1945”), **Our World in Data**.
<https://ourworldindata.org/war-and-peace> + old version on OLAT
- *Governance Review Paper*, Abdul Latif Jameel Poverty Action Lab. *J-PAL Governance Initiative*. Cambridge, MA. [https://www.povertyactionlab.org/sites/default/files/publications/J-PAL GI - Governance Review Paper 2019 for publication 0.pdf](https://www.povertyactionlab.org/sites/default/files/publications/J-PAL%20GI%20-%20Governance%20Review%20Paper%202019%20for%20publication%200.pdf)
- *Voting Technology, Political Responsiveness, and Infant Health: Evidence from Brazil*, Fujiwara, Thomas (2015). *Econometrica*, 83(2), 423-464.
<https://onlinelibrary.wiley.com/doi/epdf/10.3982/ECTA11520>

Lecture 11, May 4th: Aid & Impact Measurement

- **Making Aid Work: How to Fight Global Poverty-Effectively**, Banerjee, Abhijit (2006). *Boston Review* 31(4), 7-9. <http://bostonreview.net/archives/BR31.4/banerjee.php>
- **The Impact of Unconditional Cash Transfers in Kenya**, Haushofer, Johannes and Jeremy Shapiro (2016). *J-PAL Evaluations*. <https://www.povertyactionlab.org/evaluation/impact-unconditional-cash-transfers-kenya>
- *Esther Duflo and Abhijit Banerjee on «Using Testing to Combat Poverty»*, SRF Sternstunde Philosophie. Video. <https://www.youtube.com/watch?v=w07K3l8V9YQ>
- *The Short-Term Impact of Unconditional Cash Transfers to the Poor: Experimental Evidence from Kenya*. Haushofer, Johannes, and Jeremy Shapiro (2016). *The Quarterly Journal of Economics*, Volume 131, Issue 4, 1 November 2016, Pages 1973–2042.
<https://doi.org/10.1093/qje/qjw025>

Lecture 12, May 11th: Colonialism, Power and Political Economy of Development

- **Colonialism**, **Our World in Data**. (available on OLAT)
- **Commitment to Development Index 2018**, Mitchell, Ian; Käppeli, Anita; Robinson, Lee; McKee, Caitlin and Arthur Baker (2018). *Center for Global Development*.
<https://www.cgdev.org/publication/commitment-development-index-2018>

- ***Understanding the long-run effects of Africa's slave trades*, Nunn, Nathan (2017). *VoxEU – CEPR Policy Portal* <https://voxeu.org/article/understanding-long-run-effects-africa-s-slave-trades>**
- ***Working in Emerging Markets: Opportunities and Blind Spots*, Adhikari, Samik; Elorrieta Juan Ignacio and Dina Pomeranz. Technical Note. (available on OLAT)**
- ***Colonial Switzerland: Rethinking colonialism from the margins*, Purtschert, Patricia, and Harald Fischer-Tiné (2015). *Springer*.**
- ***Factfulness: Ten Reasons We're Wrong About the World - and Why Things Are Better than You Think* (Chapters 6, 8), Rosling, Hans, Rosling, Ola and Anna Rosling Rönnlund (2018). Flatiron Books, New York.**
- ***Stranger in the Village*, Baldwin, James (1955). *Notes of a Native Son*, 175. <https://harpers.org/archive/1953/10/stranger-in-the-village/>**
- ***The Long-term Effects of Africa's Slave Trades*, Nunn, Nathan (2008). *The Quarterly Journal of Economics* 123.1 (2008): 139-176. <https://academic.oup.com/qje/article/123/1/139/1889789/The-Long-term-Effects-of-Africa-s-Slave-Trades>**
- ***Things to remember as you volunteer or conduct research in a developing country this summer*, Opalo, K. Ochieng' (2015). *An Africanist Perspective*, blog. <https://kenopalo.com/2015/06/07/things-to-remember-as-you-volunteer-or-conduct-research-in-a-developing-country-this-summer/>**
- ***Afrotopia – Afrikas Zukunft und Europas Vergangenheit* – SRF – <https://www.srf.ch/play/tv/sternstunde-philosophie/video/afrotopia---afrikas-zukunft-und-europas-vergangenheit?id=d8a225ca-49a4-4828-8282-490e904f5eab>**

Lecture 13, May 18th: Taxation

- ***Dodging the Taxman: Evidence from Ecuador*, Carrillo, Paul; Pomeranz, Dina and Monica Singhal (2017). *VoxDev*. <https://voxdev.org/topic/public-economics/dodging-taxman-evidence-ecuador>**
- ***No participation without taxation? Evidence from randomized tax collection in the D.R. Congo*, Jonathan Weigel (2017). *World Bank Development Impact Blog* <http://blogs.worldbank.org/impactevaluations/no-participation-without-taxation-evidence-randomized-tax-collection-dr-congo-guest-post-jonathan>**
- ***Taxation* (Sub-sections: “Taxes started growing in early-industrialised countries after the First World War”; “In the process of development, middle income countries have increased tax revenues”; “How much tax revenue do countries collect today?”; “How have income tax revenues evolved around the world?”; “How is consumption taxed?”; “How has the taxation of goods and services evolved around the world?”; “Rising GDP is associated with rising tax revenues”), Our World in Data. <https://ourworldindata.org/taxation>**
- ***The Role of the VAT for Tax Enforcement*, Pomeranz, Dina (2015). *J-PAL Evaluations* <https://www.povertyactionlab.org/evaluation/role-vat-tax-enforcement>**
- ***Building State and Citizen: How Tax Collection in Congo Engenders Citizen Engagement with the State*, Weigel, Jonathan (2018). Working Paper. https://static1.squarespace.com/static/59832fbcf9a61eb15deffb3c/t/5c1595501ae6cf467782b0cc/1544918365137/weigel_participation.pdf**
- ***Challenges of Monitoring Tax Compliance by Multinational Firms: Evidence from Chile*, Bustos, Sebastian; Pomeranz, Dina; Vila-Belda, José and Gabriel Zucman (forthcoming). *American Economic Review*, P&P. <https://www.econ.uzh.ch/dam/jcr:1c0a5014-7c4c-4eaa-981a-b6b0ad3de4c5/190211%20P&P%20Profit%20Shifting%20Manuscript.pdf>**
- ***Dodging the Taxman: Firm Misreporting and Limits to Tax Enforcement*, Carrillo, Paul; Dina Pomeranz, and Monica Singhal (2017). *American Economic Journal: Applied Economics*, 9 (2): 144-64. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/app.20140495>**
- ***How Big Is the Transfer Pricing Prize for Development?*, Maya Forstater (2017). *Center for Global Development Blog*. <https://www.cgdev.org/blog/how-big-transfer-pricing-prize->**

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- *Misleading Numbers About Illicit Financial Flows: The Former Norwegian Ambassador to Zambia speaks up*, Forstater, Maya (2018). *Hima Maya*, blog. <https://hiyamaya.wordpress.com/2018/05/09/misleading-numbers-about-illicit-financial-flows-the-former-norwegian-ambassador-to-zambia-speaks-out/>
- *No Taxation without Information: Deterrence and Self-Enforcement in the Value Added Tax*, Pomeranz, Dina (2015). *American Economic Review*, 105 (8): 2539-69. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/aer.20130393>
- *Poorer Countries Lose More from Corporate Profit-Shifting*, Cobham, Alex (2014). *Center for Global Development Blog*. <https://www.cgdev.org/blog/poorer-countries-lose-more-corporate-profit-shifting>
- *Taking State-Capacity Research to The Field: Insights from Collaborations with Tax Authorities*, Pomeranz, Dina and Vila-Belda, José (forthcoming). *Annual Review of Economics*. <https://www.econ.uzh.ch/dam/jcr:510810d4-6d6a-47a7-a6c6-53d1bc2a10d0/190328%20Taking%20State-Capacity%20Research%20to%20the%20Field.pdf>

Lecture 14, May 25th: Migration

- *Changing Patterns of Global Migration and Remittances. Chapter 1: Overview*, Connor, Phillip, Cohn, D’Vera and Ana Gonzalez-Barrera (2013). *Social Trends*, Pew Research Center. <http://www.pewsocialtrends.org/2013/12/17/changing-patterns-of-global-migration-and-remittances/>
- *International migration: Key findings from the U.S., Europe and the world*, Connor, Phillip (2016). *Fact Tank*, Pew Research Center. <http://www.pewresearch.org/fact-tank/2016/12/15/international-migration-key-findings-from-the-u-s-europe-and-the-world/>
- *Think Development in Poor Countries Will Reduce Migration? The Numbers Say Otherwise*, Clemens, Michael (2014). *Center for Global Development*. <https://www.cgdev.org/blog/think-development-poor-countries-will-reduce-migration-numbers-say-otherwise>
- *Trillion-Dollar Bills on the Sidewalk: Why Don’t More Economists Study Emigration?*, Clemens, Michael (2011). *Center for Global Development*. <https://www.cgdev.org/blog/trillion-dollar-bills-sidewalk-why-don’t-more-economists-study-emigration>
- *Abundance from Abroad: Migrant Earnings and Economic Development in the Philippines*, Theoharides, Caroline and Yang, Dean (2018). Working Paper. <https://www.amherst.edu/system/files/khanna-theoharides-yang-2019-abundance-from-abroad.pdf>
- *Does Development Reduce Migration?*, Clemens, Michael (2014). *International Handbook on Migration and Economic Development*, Edward Elgar Publishing . https://www.cgdev.org/sites/default/files/does-development-reduce-migration_final_0.pdf
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- *Economics and Emigration: Trillion-Dollar Bills on the Sidewalk?* Clemens, Michael (2011). *Journal of Economic Perspectives*, 25 (3): 83-106. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/jep.25.3.83>
- *Eight Questions about Brain Drain*, Gibson, John, and David McKenzie. (2011). *Journal of Economic Perspectives*, 25(3): 107-28. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/jep.25.3.107>
- *International Migration and Remittances*, Yang, Dean (2015). *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol. 12, Oxford: Elsevier, pp. 519–524. <https://sites.lsa.umich.edu/deanyang/wp-content/uploads/sites/205/2015/04/yang-international-migration-and-remittances-iesbs-2013-1101.pdf>

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- *Migration and Remittances: Recent Developments and Outlook*, World Bank Group (2019). *Migration and Development Brief*, 31. <https://www.knomad.org/sites/default/files/2019-04/Migrationanddevelopmentbrief31.pdf>
- *Why Do Programmers Earn More in Houston Than Hyderabad? Evidence from Randomized Processing of US Visas*, Clemens, Michael (2013). *American Economic Review, P&P*, 103 (3): 198-202. <https://pubs.aeaweb.org/doi/pdfplus/10.1257/aer.103.3.198>