14.773: Political Economy of Institutions and Development

Daron Acemoglu and Leopoldo Fergusson

Spring 2021

This course is intended as an introduction to the newly emerging field of political economy of institutions and development. Its purpose is to give you both a sense of the frontier research topics and a good command of the tools in the area. The reading list is intentionally long, to give those of you interested in the field an opportunity to dig deeper into some of the topics in this area. The lectures will cover the material with *'s in detail and also discuss the material without *'s, but in less detail.

Grading: The course grade will be a combination of a final exam and approximately 6 problem sets, with 25% weight on problem sets.

Course Information:

Professors

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Lecture

TTh 10:30-12 (https://mit.zoom.us/j/99952125853)

Recitation

Friday 4:00-5:30 (https://mit.zoom.us/j/97430409048)

1 Introduction

1.1 Does Political Economy Matter? (DA, 1 lecture)

- 1. *Acemoglu, Daron, Johnson, Simon and Robinson, James (2006) "Institutions as a Fundamental Cause of Long-Run Growth" in *Handbook of Economic Growth*, Aghion, Philippe and Durlauf, Steven, eds. Amsterdam; North-Holland.
- 2. *Acemoglu, Daron (2003) "Why Not a Political Coase Theorem?" *Journal of Comparative Economics*, 31, 620-652.
- 3. Demsetz, Harold (1967) "Toward a Theory of Property Rights," *American Economic Review*, 57, 61-70.
- 4. Taylor, M Scott (2011) "Buffalo Hunt: International Trade and the Virtual Extinction of the North American Bison." *American Economic Review*, 101(7), 3162-95.
- 5. Allen, Robert C. (1982) "The Efficiency and Distributional Consequences of Eighteenth Century Enclosures," *Economic Journal*, 92, 937-953.
- 6. La Porta, Rafael, Lopez-de-Silanes, Florencio, Shleifer, Andrei, and Vishny, Robert W. (1998) "Law and Finance," *Journal of Political Economy*, 106, 1113-1155.
- *Acemoglu, Daron, Johnson, Simon and Robinson, James A. (2001) "The Colonial Origins of Comparative Development: An Empirical Investigation," American Economic Review, 91, 1369-1401.
- 8. Acemoglu, Daron, Johnson, Simon and Robinson, James (2002) "Reversal of Fortune: Geography and Institutions in the Making of the Modern World Income Distribution," *Quarterly Journal of Economics*, 107, 1231-1294.
- 9. *Dell, Melissa (2010) "The Persistent Effects of Peru's Mining Mita," *Econometrica*, 78(6), 1863-1903.
- 10. *Jones, Benjamin F. and Olken, Benjamin A. (2005) "Do Leaders Matter? National Leadership and Growth Since World War II," Quarterly Journal of Economics, 120, 835-864.
- 11. Udry, Christopher and Goldstein, Markus (2008) "The Profits of Power: Land Rights and Agricultural Investment in Ghana", *The Journal of Political Economy*, Vol. 116, No. 6, pp. 981-1022.
- 12. Banerjee, Abhijit and Iyer, Lakshmi (2005) "History, Institutions and Economic Performance: The Legacy of Colonial Land Tenure Systems in India." *American Economic Review*, 95, 1190-1213.

- 13. Pande, Rohini and Udry, Christopher (2005) "Institutions and Development: A View from Below," to appear in the Proceedings of the 9th World Congress of the Econometric Society, Blundell, Richard, Newey,W., and Perrson, Torsten http://www.econ.yale.edu/~rp269/website/papers/institutions_draft.pdf
- 14. Persson, Torsten and Tabellini, Guido (2003) The Economic Effects of Constitutions: What Do the Data Say? MIT Press, Cambridge.
- 15. Acemoglu, Daron (2005) "Constitutions, Politics and Economic Growth: Review Essay on Persson and Tabellini's *The Economic Effects of Constitutions*," *Journal of Economic Literature*, XLIII, 1025-1048.

2 Distribution and Efficiency

This part of the course will consider how various economic arrangements and policies meant to influence the distribution of resources affect efficiency. The focus is on situations in which a well-defined elite holds political power and political power is not contested.

2.1 Review: Static Models (Recitation)

This lecture will provide an introduction to models of collective choice and voting, and will consider an application of voting with multidimensional policy spaces to the problem of clientelism in the context of development economics.

- 1. *Acemoglu, Daron (2008) Introduction to Modern Economic Growth, Chapter 22.
- 2. Austen-Smith, David and Banks, Jeffrey (1999) Positive Political Theory: Collective Preference, Ann Arbor; University of Michigan Press.
- 3. Person, Torsten and Tabellini, Guido (2000) *Political Economics: Explaining Economic Policy*, Cambridge; The MIT Press, Chapters 2, 3 and 6.
- 4. Acemoglu, Daron and Robinson, James (2006) "Chapter 4: Democratic Politics" and "Appendix to Chapter 4: Distribution of Power in Democracy" in *Economic Origins of Dictatorship and Democracy*, Acemoglu, Daron and Robinson, James, eds. Cambridge University Press.
- 5. *Lindbeck, Assar, and Weibull, Jorgen W. (1987) "Balanced-Budget Redistribution as the Outcome of Political Competition." *Public Choice* 52: 273-297.

2.2 Economic Policies under Elite Control (DA, 1 lecture)

1. * Acemoglu, Daron (2006). "Modelling Inefficient Institutions", Advances in Economic Theory World Congress 2006. Available at:

https://economics.mit.edu/files/5697

- 2. * Acemoglu, Daron (2009). *Introduction to Modern Economic Growth*, Princeton University Press, Chapter 22.
- 3. Acemoglu, Daron and James A. Robinson (2006). "Economic Backwardness in Political Perspective", American Political Science Review 100 (1), pp. 115-131.
- 4. Fergusson, Leopoldo (2013). "The Political Economy of Rural Property Rights and the Persistence of the Dual Economy", *Journal of Development Economics* 103, pp. 167-181.
- 5. * Acemoglu, Daron (2008). "Oligarchic versus Democratic Societies", Journal of the European Economic Association 6 (1), pp. 1-44.
- 6. Olson, Mancur (1982). The Rise and Decline of Nations: Economic Growth, Stagflation, and Social Rigidities, Yale University Press.
- 7. Stasavage, David (2014). "Was Weber Right? The Role of Urban Autonomy in Europe's Rise", American Political Science Review 108 (2), pp. 337-354.
- 8. Stasavage, David (2017). "When Inclusive Institutions Failed: Lessons from the Democratic Revolutions of the Middle Ages", mimeo. Available at:

https://stasavage.com/research/

9. Bergeron, Augustin, Gabriel Tourek, and Jonathan L. Weigel (2021). "The State Capacity Ceiling on Tax Rates: Evidence from Randomized Tax Abatements in the DRC." Harvard mimeo.

2.3 Labor Coercion (DA, 1 lecture)

This literature focuses on one type of economic institution under the domination of one group, coercive labor relations, to provide more insights on how different types of inefficiencies can emerge.

- 1. *Brenner, Robert (1976) "Agrarian Class-Structure and Economic-Development in Pre-Industrial Europe," *Past and Present*, 70, 30-75.
- 2. Aston, T.H. and Philpin, C.H.E. (1987) The Brenner Debate: Agrarian Class Structure and Economic Development in Pre-Industrial Europe, Cambridge: Cambridge University Press.

- 3. *Acemoglu, Daron and Alexander Wolitzky (2011) "The Economics of Labor Coercion," *Econometrica*, March 2011, 79(2), pp. 555-600.
- 4. Chwe, Michael (1990) "Why Were Workers Whipped? Pain in a Principal-Agent Model," *Economic Journal*, 100, 1109-1121.
- 5. Basu, Kaushik (1986) "One Kind of Power," Oxford Economic Papers, 38, 259-282.
- 6. Barzel, Yoram (1977) "An Economic Analysis of Slavery," *Journal of Law and Economics*, 20, 87-110.
- 7. Bloom, J. (1998) The End of the Old Order in Rural Europe, Princeton: Princeton University Press.
- 8. Domar, Evsey D. (1970) "The Causes of Slavery or Serfdom: A Hypothesis," *Journal of Economic History*, 30, 18-32.
- 9. Lagerlöf, N. (2009) "Slavery and Other Property Rights," Review of Economic Studies, 76, 319-342.
- 10. *Dell, Melissa (2010) "The Persistent Effects of Peru's Mining Mita," *Econometrica*, 78(6), 1863-1903.
- 11. *Naidu, Suresh and Noam Yuchtman (2013) "Coercive Contract Enforcement: Law and the Labor Market in 19th Century Industrial Britain," *American Economic Review*, 103(1), 107-144.
- 12. *Acemoglu, Daron, Camilo Garcia-Jimeno and James Robinson (2012) "Finding El Dorado: Slavery and Long-run Development in Columbia" *Journal of Comparative Economics*, 40(4), pp. 534-564.

3 Dynamics of Political Power

This part of the course turns to how political power evolves and interacts with economic decisions.

3.1 Introduction to Dynamic Voting and Constitutional Choice (DA, 2 lectures)

This lecture provides a basic introduction of voting over distributive policies in dynamic models, and contrasts myopic versus non-myopic behavior by voters. It will also introduce ideas related to endogenous institutions and laws. We will focus on dynamic, game-theoretic models.

- 1. *Acemoglu, Daron, Egorov, Georgy and Sonin, Konstantin (2008) "Coalition Formation in Nondemocratic Societies." *Review of Economic Studies*, 75: 987-1009.
- 2. Roberts, Kevin (2005) "Dynamic Voting in Clubs" http://www.nuff.ox.ac.uk/Users/Robertsk/papers.html.
- 3. *Acemoglu, Daron, Georgy Egorov and Konstantin Sonin (2015) "Political Economy in a Changing World," *Journal of Political Economy*, 123(5): 1038-1086.
- 4. Alesina, Alberto and Rodrik, Dani (1994) "Distributive Politics and Economic Growth" *Quarterly Journal of Economics*, 109: 465-490.
- 5. Hassler Jon, Mora, Sevi, Storlesseten, Kjetil and Zilibotti, Fabrizio (2003) "Survival of the Welfare State," *American Economic Review*, 93, 87-112.
- 6. Krusell, Per and Rios-Rull, Jose-Victor (1996) "Vested Interests in a Positive Theory of Stagnation and Growth," *Review of Economic Studies* 63, 301-329.
- 7. Benabou, Roland and Ok, Efe, "Social Mobility and the Demand for Redistribution", *Quarterly Journal of Economics*, May, 2001.
- 8. Acemoglu, Daron, Egorov, Georgy and Sonin, Konstantin (2016) "Reevaluating De Tocqueville: Social Mobility and Stability of Democracy," Quarterly Journal of Economics, 133: 1041–1105.
- 9. Mailath, George J., Morris, Stephen and Postelwaite, Andrew (2001) "Laws and Authority," *Research in Economics*, March, 2017.
- 10. *Acemoglu, Daron, Egorov, Georgy and Sonin, Konstantin (2011) "Dynamics and Stability of Constitutions, Coalitions and Clubs," *American Economic Review*, 102(4), 1446-1476.
- 11. Barbera, Salvador and Jackson, Matthew (2004) "Choosing How to Choose: Self-Stable Majority Rules and Constitutions," *Quarterly Journal of Economics*, 119, 1011-1048.
- 12. Dixit, Avinash, Grossman, Gene M., and Gul, Faruk (2000) "The Dynamics of Political Compromise," *Journal of Political Economy* 108, 531-568.

3.2 Review: Dynamic Games (Recitation)

This review lecture will go over the analysis of dynamic games, in particular, differences between Markov Perfect Equilibria and Subgame Perfect Equilibria, their properties and how they can be computed in simple games.

- 1. *Fudenberg, Drew and Tirole, Jean (1991) Game Theory, Cambridge; MIT Press. Chapters 4, 5 and 13.
- 2. *Acemoglu, Daron (2008) Introduction to Modern Economic Growth, Appendix Chapter C.
- 3. *Acemoglu, Daron (2005) "Modelling Inefficient Institutions," Advances in Economic Theory World Congress 2006, https://economics.mit.edu/files/5697

4 Modeling Institutions

This part of the course will focus on using the insights from the previous part to develop political economy models of institutions where we study simultaneously the consequences and the origins of institutions.

4.1 Political Economy of Weak States and State Building (DA, 2 lectures)

These lectures will discuss the role of the state and how weak states can become a barrier to economic development. They will then turn to see how and under what circumstances states form and why weak states persist.

- 1. Tilly, Charles (1990) Coercion, Capital and European States, AD 990-1990, Blackwell, Cambridge MA.
- 2. Mann, Michael (1986) *The Sources of Social Power, Volume I*, Cambridge University Press, New York.
- 3. Evans, Peter (1989) "Predatory, Developmental and Other Apparatuses: A Comparative Political Economy Perspective on the Third World State," Sociological Forum. 4(4):561-587 (December, 1989)
- 4. *Gennaioli, Nicola and Ilia Rainer (2007) "The Modern Impact of Pre-Colonial Centralization in Africa", *Journal of Economic Growth*, 12(3), 185-234.
- 5. *Michalopoulos, Stelios and Elias Papaioannou (2013) "Pre-Colonial Ethnic Institutions and Contemporary African Development", *Econometrica*, 81(1), 113–152.
- 6. Bockstette, Valerie, Areendam Chanda and Louis Putterman (2002) "States and Markets: The Advantage of an Early Start", *Journal of Economic Growth*, 7: 347-69.
- 7. Tilly, Charles (1985) "War Making and State Making as Organized Crime," in P. Evans, D. Rueschmeyer and T. Skocpol eds. *Bringing the State Back In*, Cambridge University Press.

- 8. Gennaioli, Nicola and Hans-Joachim Voth (2015) "State Capacity and Military Conflict" *The Review of Economic Studies*, Vol. 82, No. 4, pp. 1409-1448.
- 9. Herbst, Jeffery I. (2000) States and Power in Africa: Comparative Lessons in Authority and Control, Princeton University Press, Princeton NJ.
- 10. Besley, Timothy and Persson, Torsten (2011) Pillars of Prosperity: The Political Economics of Development Clusters, Princeton University Press.
- 11. Osafo-Kwaako, Philip and James A. Robinson (2013) "Political Centralization in Pre-Colonial Africa,", *Journal of Comparative Economics*, 41(1), 534-564.
- 12. Blair, Robert (2013) "Peacebuilding and State Legitimacy: Evidence from Two Lab in the Field Experiments in Liberia" Yale mimeo.
- 13. *Sanchez de la Sierra, Raul (2018) "On the Origins of the State: Stationary Bandits and Taxation in Eastern Congo" forthcoming *Journal of Political Economy*.
- 14. * Balan, Pablo, Bergeron, Augustin, Gabriel Tourek, and Jonathan L. Weigel (2020). "Local Elites as State Capacity: How City Chiefs Use Local Information to Increase Tax Compliance in the DR Congo." forthcoming *American Economic Review*.
- 15. Acemoglu, Daron (2005) "Politics and Economics in Weak and Strong States" *Journal of Monetary Economics*, 52, 1199-1226.
- 16. *Besley, Timothy and Torsten Persson (2009) "The Origins of State Capacity: Property Rights, Taxation and Politics", *American Economic Review*, 99(4), 1218-44.
- 17. *Acemoglu, Daron and James A. Robinson (2018) "The Emergence of Weak, Despotic and Inclusive States" mimeo.
- 18. *Acemoglu, Daron and James A. Robinson (2019) The Narrow Corridor: States, Societies, and the Fate of Liberty, Penguin, New York, Chapters 1, 2, 6 and 9.
- 19. Acemoglu, Daron, and James A. Robinson (2016) "Paths to Inclusive Political Institutions" *Economic History of Warfare and State Formation*, Essays in Honor of Mark Harrison, Springer Singapore, 3-50.
- 20. Waldner, David (1999) State-Building and Late Development, Ithaca, Cornell University Press.
- 21. Acemoglu, Daron, Camilo Garcia-Jimeno, and James A. Robinson (2015). "State Capacity and Economic Development: A Network Approach" *American Economic Review*, Vol. 105, No. 8, pp. 2364-2409.

22. Koyama, Mark, Chiaki Moriguchi, and Tuan-Hwee Sng (2018). "Geopolitics and Asia's Little Divergence: A Comparative Analysis of State Building in China and Japan after 1850" Journal of Economic Behavior & Organization, Vol. 155, pp. 178-204

4.2 Democratization and Persistence (DA, 2 lectures)

These two lectures will first provide a basic model of nondemocratic politics and highlight central commitment problems involved in such interactions. It will then introduce the basic models of institutional change in the context of transitions from nondemocratic to democratic politics. Finally, it will discuss various ways in which the distribution of power may persist despite institutional change.

- 1. *Acemoglu, Daron, Lecture Notes, Chapters 17, 18 and 20.
- 2. *Acemoglu, Daron and Robinson, James (2006) Economic Origins of Dictatorship and Democracy, Cambridge University Press, Chapters 5 and 6.
- 3. *North, Douglass C. and Weingast, Barry R. (1989) "Constitutions and Commitment: Evolution of Institutions Governing Public Choice in Seventeenth Century England, *Journal of Economic History*, 49, 803-832.
- 4. *Acemoglu, Daron and Robinson, James A. (2000) "Why Did the West Extend the Franchise? Growth, Inequality and Democracy in Historical Perspective", *Quarterly Journal of Economics*, CXV, 1167-1199.
- *Aidt, Toke S. and Peter S. Jensen (2014) "Workers of the World Unite! Franchise Extensions and the Threat of Revolution in Europe, 1820-1938," European Economic Review, Vol. 72, pp. 52-75
- Collins, William and Robert A. Margo (2007) "The Economic Aftermath of the 1960s Riots in American Cities: Evidence from Property Values" Journal of Economic History, 67(4), 849-883.
- 7. *Madestam, Andreas, Daniel Shoag, Stan Veuger and David Yanagizawa-Drott 2013) "the Political Protests Matter? Evidence from the Tea Party Movement" *Quarterly Journal of Economics*, 128(4), 1633-1685.
- 8. Llavador, Humberto and Oxoby, Robert J. (2005) "Partisan Competition, Growth, and the Franchise," Quarterly Journal of Economics, 120, 1155-1192.
- 9. Jack, William and Lagunoff, Roger (2006) "Dynamic Enfranchisement," *Journal of Public Economics*, 90(4-5), 551-572

- 10. Moore, Barrington (1966) The Social Origins of Dictatorship and Democracy: Lord and Peasant in the Making of the Modern World, Beacon Press, Boston MA.
- 11. Lagunoff, Roger (2006) "Markov Equilibrium in Models of Dynamic Endogenous Political Institutions" http://www.georgetown.edu/faculty/lagunoff/
- 12. Lagunoff, Roger (2009) "Dynamic Stability and Reform of Political Institutions," Games and Economic Behavior, 60, 569-583
- 13. Arthur, W. Brian. (1989) "Competing Technologies, Increasing Returns and Lock-In by Historical Events," *Economic Journal*, 1989, 99(1), pp. 106-131.
- 14. Coate, Stephen and Morris, Stephen E. (1999) "Policy Persistence." American Economic Review, 1999, 89(5), pp. 1327-1336.
- 15. Page, Scott (2006) "Path Dependence," Quarterly Journal of Political Science, 1, 87-115.
- 16. *Acemoglu, Daron and Robinson, James A. (2008) "Persistence of Power, Elites and Institutions," *American Economic Review* 98(1), 267-291.
- 17. Albertus, Michael and Victor Menaldo (2013) "Gaming Democracy: Elite Dominance During Transition and the Prospects for Redistribution," *British Journal of Political Science*.
- 18. *Baland, Jean-Marie and James A. Robinson (2008) "Land and Power: Theory and Evidence from Chile," *American Economic Review*, 98, 1737–65.
- 19. *Anderson, Siwan, Patrick François and Ashok Kotwal (2015) "Clientelism in Indian Villages," *American Economic Review*, 105(6), 1780–1816.
- 20. Thelen, Kathleen (2004) How institutions evolve: the political economy of skills in Germany, Britain, the United States, and Japan, New York; Cambridge University Press.
- 21. Lizzeri, Alessandro and Nicola Persico (2005) "A drawback of electoral competition." Journal of the European Economic Association 3 (4), 1318-1348.
- 22. Acemoglu, Daron, Davide Ticchi and Andrea Vindigni (2010) "Emergence and Persistence of Inefficient States," *Journal of European Economic Association*, 9(2), pp. 177-208.
- 23. Horacio Larreguy (2012) "Monitoring Political Brokers: Evidence from Clientelistic Networks in Mexico" mimeo.
- 24. François, Patrick, Ilia Rainer and Francesco Trebbi (2015) "How Is Power Shared in Africa?" *Econometrica*, 83(2), 465–503.

25. *Acemoglu, Daron, James A. Robinson and Ragnar Torvik (2012) "Why Do Voters Dismantle Checks and Balances?" *Review of Economic Studies*.

5 Beliefs, Norms and Institutions

This part of the course turns to the interplay between beliefs, norms and political choices.

5.1 Beliefs, Information and Politics (DA, 1 lecture)

This lecture will discuss the two-way interaction between between voting and beliefs, shaped by learning.

- 1. *Piketty, Thomas, (1995) "Social Mobility and Redistributive Politics," Quarterly Journal of Economics, 110: 551-584.
- 2. Austen-Smith, David (1991) "Rational Consumers and Irrational Voters," *Economics and Politics*, 3:73-92.
- 3. Fedderson, Timothy and Wolfgang Pesendorfer (1996) "The Swing Voter's Curse," *American Economic Review*, 86: 408-424.
- 4. Fey, Mark and J. Kim (2002) "The Swing Voter's Curse: A Comment," *American Economic Review*, 92: 1264-1268.
- 5. *Strulovici, Bruno (2010) "Voting and Experimentation," Econometrica.
- 6. Acemoglu, Daron, Egorov, Georgy and Sonin, Konstantin (2012) "A Political Theory of Populism," *Quarterly Journal of Economics* 128(2), pp. 771-805.
- 7. *Acemoglu, Daron and Alexander Wolitzky (2014) "Cycles of Conflict: An Economic Model" American Economic Review.

5.2 Culture, Norms and Political Economy (DA, 3 lectures)

These two lectures will discuss some of the recent evidence suggesting persistence of culture and values, and recent models of culture and endogenous beliefs and how they interact with political economy and cooperation in society.

- 1. *Greif, Avner (1994) "Cultural Beliefs and the Organization of Society: A Historical and Theoretical Reflection on Collectivist and Individualist Societies," *Journal of Political Economy*, 102, 912-950.
- 2. *Tabellini, Guido (2008) "Culture and Institutions." Journal of European Economic Association, 2008, 255-294.

- 3. Tabellini, Guido (2010) "Culture and Institutions: Economic Development in the Regions of Europe." *Journal of European Economic Association*, 8, 677-716.
- 4. *Guiso, Luigi, Paola Sapienza and Luigi Zingales (2006) "Does Culture Affect Economic Outcomes?" *Journal of Economic Perspectives*, 20, 23-48.
- 5. Guiso, Luigi, Paola Sapienza and Luigi Zingales (2009) "Cultural Biases in Economic Exchange," Quarterly Journal of Economics, 124, 1095-1131.
- 6. *Fernandez, Raquel and Alessandra Fogli (2009) "Culture: An Empirical Investigation of Beliefs, Work and Fertility," *American Economic Journal: Macroeconomics*, 1, 146-177.
- 7. Acemoglu, Daron and James A. Robinson (2019) *The Narrow Corridor: States, Societies, and the Fate of Liberty, Penguin, New York, Chapters 2, 4 and 6.*
- 8. * Acemoglu, Daron and James A. Robinson (2021) "Culture, Institutions and Social Equilibria: Towards a New Framework" mimeo.
- 9. * Swidler, Ann (1986). "Culture in Action: Symbols and Strategies" American Sociological Review, 273-286.
- 10. Lowes, Sara, Nathan Nunn, James A. Robinson and Jonathan Weigel (2015) "Understanding Ethnic Identity in Africa: Evidence from the Implicit Association Test" *American Economic Review*, 105, 340-45
- 11. Roland, Gerard and Yury Gorodnichenko (2017) "Culture, Institutions and the Wealth of Nations," *Review of Economics and Statistics*, 99(3), 402–416.
- 12. *Voth, Hans-Joachim and Nico Voigtlander (2012) "Persecution Perpetuated: The Medieval Origins of Antisemitic Violence in Nazi Germany" Quarterly Journal of Economics.
- 13. *Acemoglu, Daron, Tristan Reed and James Robinson (2014) "Chiefs: Economic Development and Elite Control of Civil Society in Sierra Leone" *Journal of Political Economy*, 122(2): 319-368.
- 14. Voth, Hans-Joachim, Shanker Satyanath and Nico Voigtlander (2017) "Bowling for Fascism" *Journal of Political Economy*, 125(2): 478-526.
- 15. *Bisin, Alberto and Thierry Verdier (2001) "The Economics of Cultural Transmission and the Dynamics of Preferences," *Journal of Economic Theory*, 97, 298-319.
- 16. Bisin, Alberto and Thierry Verdier (2000) "Beyond the Melting Pot: Cultural Transmission, Marriage, and the Evolution of Ethnic and Religious Traits," *Quarterly Journal of Economics*, 115, 955-988.

- 17. *Tabellini, Guido (2008) "The Scope of Cooperation: Values and Incentives," Quarterly Journal of Economics, 123, 905-950.
- 18. Doepke, Matthias and Fabrizio Zilibotti (2008) "Occupational Mobility in the Spirit of Capitalism," Quarterly Journal of Economics, 123, 747-793.
- 19. *Acemoglu, Daron and Matthew Jackson (2015) "History and Expectations in the Evolution of Cooperation," *Review of Economic Studies*, 82: 423-456.
- 20. Benabou, Roland and Jean Tirole (2011) "Laws and Social Norms" mimeo.
- 21. *Acemoglu, Daron and Matthew Jackson (2016) "Norms and the Enforcement of Laws" *Journal of the European Economic Association*.
- 22. Heldring, Leander (2016) "Violence and the State: Evidence from Rwanda's Decade of Atrocities" mimeo.

6 Autocratic institutions: persistence, change and consequences (LF, 3 Lectures)

- Acemoglu, Daron, James A. Robinson, and Thierry Verdier (2004) "Kleptocracy and Divide-and-Rule: A Model of Personal Rule", Journal of the European Economic Association, 2(2), 162-192.
- Acemoglu, Daron, Simon Johnson, and James Robinson (2005), "The Rise of Europe: Atlantic trade, institutional change, and economic growth," American Economic Review, 95(3), 546-579.
- 3. *Acemoglu, Daron, Davide Cantoni, Simon Johnson, and James A. Robinson (2011) "The Consequences of Radical Reform: The French Revolution", *The American Economic Review*, 101(7), 3286-3307.
- 4. Albornoz, Facundo and Esther Hauk (2014), "Civil war and US foreign influence," *Journal of Development Economics* 110, 64-78.
- 5. *Bai, Y., and Jia, R. (2016) "Elite Recruitment and Political Stability: The Impact of the Abolition of China's Civil Service Exam" *Econometrica*, 84(2), 677-733.
- 6. *Berger, Daniel, William Easterly, Nathan Nunn and Shanker Satyanath (2013) "Commercial Imperialism? Political Influence and Trade During the Cold War" *American Economic Review*, 103(2), 863-896.
- 7. Berger, Daniel, Corvalan, Alejandro, Easterly, William and Shanker Satyanath (2013) "Do superpower interventions have short and long term consequences for democracy?" *Journal of Comparative Economics*, 41(1), 22-34.

- 8. *Besley, Tim, and Kudamatsu, Masayaki (2008) "Making autocracy work," in Elhanan Helpman (ed.) *Institutions and Economic Performance* Cambridge: Harvard University Press, 452-510.
- 9. Bueno de Mesquita, Bruce (2010) "Regime Change and Revolutionary Entrepreneurs," *The American Political Science Review*, 104(3), 446-466.
- 10. Dagaev, Dmitry, Natalia Lamberova, Anton Sobolev, and Konstantin Sonin (2013). "Technological Foundations of Political Instability," CEPR Working paper No. 9787.
- 11. *Dube, Arindrajit, Ethan Kaplan, and Suresh Naidu (2011) "Coups, corporations, and classified information," *The Quarterly Journal of Economics*, 126(3), 1375-1409.
- 12. Edmond, Chris (2013) "Information Manipulation, Coordination, and Regime Change", The Review of Economic Studies, 80(4), 1422-1458.
- 13. *Padro-i-Miguel, Gerard (2007) "The Control of Politicians in Divided Societies: The Politics of Fear," *The Review of Economic Studies*, 74(4) 1259-1274.
- 14. Bates, Robert (1981) Markets and States in Tropical Africa. Berkeley, University of California Press.
- 15. *Chaney, Eric (2013) "Revolt on the Nile: Economic Shocks, Religion, and Political Power," *Econometrica*, (81)5, 2033-2053.
- 16. *Fergusson, Leopoldo, Pablo Querubin, Nelson A. Ruiz, and Juan F. Vargas (2020). "The Real Winner's Curse." *American Journal of Political Science*, 65(1): 52–68.
- 17. Gibson, E. L. (2013) Boundary control: Subnational authoritarianism in federal democracies. Cambridge University Press.
- 18. Giuliano, Paula and Nathan Nunn (2013) "The Transmission of Democracy: From the Village to the Nation-State," *American Economic Review Papers and Proceedings*, 103(3), 86-92.
- 19. Hsieh, Chang-Tai, Edward Miguel, Daniel Ortega, and Francisco Rodriguez (2011) "The Price of Political Opposition: Evidence from Venezuela's Maisanta", American Economic Journal: Applied Economics, 3(2), 196-214.
- 20. Lohmann, Susanne (1994) "The Dynamics of Informational Cascades: The Monday Demonstrations in Leipzig, East Germany, 1989-1991", World Politics, 47(1), 42-101.
- 21. Men, Xin, Nancy Qian, and Pierre Yared (2015) "The Institutional Causes of China's Great Famine, 1959-1961", The Review of Economic Studies, 82(4), 1568-1611.
- 22. Meyersson, E. (2014) "Islamic rule and the empowerment of the poor and pious," *Econometrica*, 82(1), 229-269.

- 23. *Puga, Diego and Daniel Trefler (2014) "International Trade and Institutional Change: Medieval Venice's Response to Globalization", *The Quarterly Journal of Economics*, 129(2), 753-821.
- 24. Roemer, John E. (1985) "Rationalizing Revolutionary Ideology", *Econometrica*, 53(1), 85-108.
- 25. *Meng, X., Qian, N., and Yared, P. (2015). The institutional causes of China's great famine, 1959-1961. The Review of Economic Studies, 82(4), 1568-1611.

7 Collective action (LF, 2 Lectures)

- 1. *Acemoglu, Daron, Tarek Hassan, and Ahmed Tahoun (2018) "The Power of the Street: Evidence from Egypt's Arab Spring," *Review of Financial Studies*, 31(1), 1-42.
- 2. Alesina, Alberto, Reza Baqir, and William Easterly (1999) "Public Goods and Ethnic Divisions", *The Quarterly Journal of Economics*, 114(4), 1243-1284.
- 3. Alesina, Alberto and Eliana La Ferrara (2000) "Participation in Heterogeneous Communities", *The Quarterly Journal of Economics*, 115(3), 847-904.
- 4. Alesina, Alberto, Reza Baqir and Caroline Hoxby (2004) "Political Jurisdictions in Heterogenous Communities", *The Journal of Political Economy*, 112(2), 348-396.
- 5. Banerjee, Abhijit, Dilip Mookherjee, Kaivan Munshi and Debraj Ray (2001). "Inequality, Control Rights, and Rent-Seeking: Sugar Cooperatives In Maharashtra", *The Journal of Political Economy*, 109(1), 138-190.
- *Banerjee, Abhijit, Lakshmi Iyer, and Rohini Somanathan (2008). "Public Action for Public Goods", in Paul Schultz and John Strauss (eds.), Handbook of Development Economics, Vol. 4, Ch. 49, 3117-3154.
- 7. Casey, Katherine, Rachel Glennerster, and Edward Miguel (2012). "Reshaping Institutions: Evidence on Aid Impacts Using a Pre-Analysis Plan", *The Quarterly Journal of Economics*, 127(4), 1755?1812
- 8. *Dippel, Christian (2014). "Forced Coexistence and Economic Development: Evidence from Native American Reservations," *Econometrica*, 82(6), 2131-2165.
- 9. Esteban, Joan Maria and Debraj Ray (2001). "Collective Action and the Group Size Paradox", *The American Political Science Review*, 95(3), 663-672.
- 10. Fearon, James, Macartan Humphreys, and Jeremy Weinstein (2011). "Democratic Institutions and Collective Action Capacity," unpublished, Columbia University.

- 11. Humphreys, Macartan, Raul Sanchez de la Sierra, and P. van der Windt (2014). "Social Engineering in the Tropics: A Grassroots Democratization Experiment in Eastern Congo", unpublished, Columbia University.
- 12. Humphreys, Macartan, Raul Sanchez de la Sierra, and P. van der Windt (2017), "Institutional Change by Imitation: Introducing Western Governance Practices in Congolese Villages", unpublished, https://raulsanchezdelasierra.files.wordpress.com/2017/12/tuungane.pdf
- 13. Jha, Saumitra and Steven Wilkinson (2012). "Veterans, Organizational Skill and Ethnic Cleansing: Evidence from the Partition of South Asia", unpublished, Stanford University.
- 14. *Madestam, Andreas, Daniel Shoag, Stan Veuger and David Yanigazawa-Drott (2013). "Do Political Protests Matter? Evidence from the Tea Party Movement," Quarterly Journal of Economics 128(4): 1633-1685.
- 15. Wasow, Omar (2020), "Agenda Seeding: How 1960s Black Protests Moved Elites, Public Opinion and Voting," American Political Science Review, 1-22.
- 16. *A. Albertazzi, Friederike Mengel, and P. Lown. (2021) "The Causal Effect of Income Inequality on Attribution and Social Trust", unpublished.
- 17. Olson, Mancur (1965). The Logic of Collective Action, Harvard Economic Studies.
- 18. Putnam, Robert D. (1993). Making Democracy Work: Civic Traditions in Modern Italy, Princeton University Press.
- 19. Fergusson, L., Molina, C., and Robinson, J. (2020). The weak state trap. NBER Working Paper No. 26848.

8 Corruption: tradeoffs, consequences and political determinants (LF, 2 Lectures)

- 1. Acemoglu, Daron and Thierry Verdier (1998). "Property Rights, Corruption, and the Allocation of Talent: A General Equilibrium Approach", *The Economic Journal*, 108(450), 1381-1403.
- 2. *Acemoglu, Daron and Thierry Verdier (2000). "The Choice Between Corruption and Market Failures", *The American Economic Review*, 90(1), 194-211.
- 3. Avis, Eric, Claudio Ferraz, and Frederico Finan (2016). "Do Government Audits Reduce Corruption? Estimating the Impacts of Exposing Corrupt Politicians," NBER Working Paper No. 22443.

- 4. *Banerjee, Abhijit (1997). "A Theory of Misgovernance", The Quarterly Journal of Economics, 112(4), 1289-1332.
- 5. Bertrand, Marianne, Simeon Djankov, Rema Hanna, and Sendhil Mullainathan (2007). "Obtaining a Driver's License in India: An Experimental Approach to Studying Corruption", *The Quarterly Journal of Economics*, 122(4), 1639-1676.
- 6. Dal Bo, Ernesto, Frederico Finan, and Martin Rossi (2013). "Strengthening State Capabilities: The Role of Financial Incentives in the Call to Public Service", *The Quarterly Journal of Economics*, 128(3), 1169?1218.
- 7. Ferraz, Claudio and Frederico Finan (2008) "Exposing Corrupt Politicians: The Effects of Brazil's Publicly Released Audits on Electoral Outcomes", *The Quarterly Journal of Economics*, 123(2), 703-745.
- 8. Ferraz, Claudio and Frederico Finan (2011) "Electoral Accountability and Corruption: Evidence from the Audits of Local Governments", *The American Economic Review*, 101(4), 1274-1311.
- 9. *Fergusson, L., Harker, A., Molina, C. and Yamin, J.C. (2021), "Political incentives and corruption: Evidence from Ghosts Students in Colombia", unpublished.
- 10. Fisman, Ray (2001). "Estimating the Value of Political Connections", American Economic Review, 91(4), 1095-1102.
- 11. Fisman, Raymond, Florian Schulz, and Vikrant Vig (2013). "Private Returns to Public Office", *The Journal of Political Economy*, 122(4), 806-862.
- 12. *Fisman, Ray and Yongxiang Wang (2015). "The Mortality Cost of Political Connections", *The Review of Economic Studies*, forthcoming.
- 13. *Holland, Alisha C. (2016) "Forbearance," American Political Science Review, 110(2), 232-246.
- 14. Holland, Alisha C. (2015) "The distributive politics of enforcement," American Journal of Political Science, 59(2), 357-371.
- 15. Khwaja, Asim and Atif Mian (2005) "Do Lenders Favor Politically Connected Firms? Rent Provision in an Emerging Financial Market", *The Quarterly Journal of Economics*, 120(4), 1371-1411.
- 16. *Kreuger, Anne (1974) "The Political Economy of the Rent-Seeking Society", *The American Economic Review*, 64(3), 291-303.
- 17. Mironov, Maxim and Ekaterina Zhuravskaya (2015) "Corruption in Procurement and the Political Cycle in Tunneling: Evidence from Financial Transactions Data", American Economic Journal: Economic Policy, 8(2), 287-321.

- 18. Murphy, Kevin, Andrei Sheilfer, and Robert Vishny (1993) "Why Is Rent-Seeking so Costly to Growth?", *The American Economic Review, Papers and Proceedings*, 83(2), 409-414.
- 19. Myerson, Roger (1993) "Effectiveness of Electoral Systems for Reducing Government Corruption: A Game Theoretic Analysis", Games and Economic Behavior, 5(1), 118-132.
- 20. Olken, Benjamin and Patrick Barron (2009) "The Simple Economics of Extortion: Evidence from Trucking in Aceh", Journal of Political Economy, 117(3), 417-452.
- 21. Querubin, Pablo and James Snyder (2013) "The Control of Politicians in Normal Times and Times of Crisis: Wealth Accumulation by U.S. Congressmen, 1850-1880". The Quarterly Journal of Political Science, 8, 409-450.
- 22. Rasul, Imran and Daniel Rogger (2014) "Management of Bureaucrats and Public Service Delivery: Evidence from the Nigerian Civil Service", *The Economic Journal*, forthcoming.
- 23. Reinikka, Ritva and Jacob Svennson (2004) "Local Capture: Evidence from a Central Government Transfer Program in Uganda", *The Quarterly Journal of Economics*, 119(2), 679-705.
- 24. Raul Sanchez de la Sierra, Peter van der Wind, Macartan Humphreys (2015) "Who's Watching? Effects of Monitoring on Strategies for Corruption: A Field Experiment in the Congo", mimeo, https://raulsanchezdelasierra.files.wordpress.com/2015/01/20140901_paper.pdf
- 25. Shleifer, Andrei and Robert Vishny (1993) "Corruption", The Quarterly Journal of Economics, 108(3), 599-618.
- 26. Shleifer, Andrei and Robert Vishny (1994) "Politicians and Firms", *The Quarterly Journal of Economics*, 109(4), 995-1025.
- 27. Shleifer, Andrei, Simeon Djankov, Rafael La Porta, and Florencio Lopez-de-Silanes (2002) "The Regulation of Entry", *The Quarterly Journal of Economics*, 117(1), 1-37.
- 28. Svennson, Jacob (2003) "Who Must Pay Bribes and How Much? Evidence from a Cross-section of Firms", *The Quarterly Journal of Economics*, 118(1), 207-30.
- 29. *Xu, Guo. (2018). The costs of patronage: Evidence from the british empire. American Economic Review, 108(11), 3170-98.

9 Media (LF, 3 Lectures)

- 1. Barbera, Salvador and Jackson, Matthew (2020). "A Model of Protests, Revolution, and Information," Quarterly Journal of Political Science, 15(3): 297–335.
- *Bei Qin, David Strömberg and Yanhui Wu (2017), "Why Does China Allow Freer Social Media? Protests versus Surveillance and Propaganda" The Journal of Economic Perspectives, 31(1), 117-140
- 3. Blair, Spencer et al. (2017) Real Solutions for Fake News? Measuring the Effectiveness of General Warnings and Fact-Check Banners in Reducing Belief in False Stories on Social Media, Mimeo, http://www.dartmouth.edu/~nyhan/fake-news-solutions.pdf
- 4. *Campante, F., Durante, R., and Sobbrio, F. (2018). "Politics 2.0: The multifaceted effect of broadband internet on political participation", *Journal of the European Economic Association*, 16(4): 1094–1136.
- 5. Enikolopov, R., Makarin, A., and Petrova, M. (2020). "Social media and protest participation: Evidence from Russia". *Econometrica*, 88(4): 1479–1514.
- 6. *Fergusson, L., and Molina, C. (2019). "Facebook causes protests", Documento Cede No. 2019–41.
- 7. Fergusson, Leopoldo, Juan F. Vargas and Mauricio A. Vela (2013) "Sunlight Disinfects? Free Media in Weak Democracies," Documento Cede 2013-14.
- 8. *Gagliarducci, S., Onorato, M. G., Sobbrio, F., and Tabellini, G. (2020). "War of the waves: Radio and resistance during World War II.' *American Economic Journal: Applied Economics*, 12(4): 1–38.
- 9. Halberstam, Y. and Knight, B. (2016). Homophily, Group Size, and the Diffusion of Political Information in Social Networks: Evidence from Twitter. Journal of Public Economics, 143: 73-88.
- 10. *Manacorda, M., and Tesei, A. (2020). Liberation technology: Mobile phones and political mobilization in Africa. Econometrica, 88(2), 533-567.
- 11. Nyhan, B. (2020). Facts and myths about misperceptions. Journal of Economic Perspectives, 34(3), 220-36.
- 12. *Nyhan, B., Porter, E., Reifler, J., and Wood, T. J. (2019). Taking fact-checks literally but not seriously? The effects of journalistic fact-checking on factual beliefs and candidate favorability. Political Behavior, 1-22.

- 13. *Barrera, O., Guriev, S., Henry, E., and Zhuravskaya, E. (2020). Facts, alternative facts, and fact checking in times of post-truth politics. Journal of Public Economics, 182, 104123.
- 14. *Bursztyn, L., Egorov, G., and Fiorin, S. (2020). From extreme to mainstream: The erosion of social norms. American Economic Review, 110(11), 3522-48.
- 15. Nyhan, B. and Reifler, J. (2016). Do people actually learn from fact-checking? evidence from a longitudinal study during the 2014 campaign. Mimeo.
- 16. Paluck, Elizabeth Levy, and Donald P. Green (2009) "Deference, dissent, and dispute resolution: An experimental intervention using mass media to change norms and behavior in Rwanda." American Political Science Review 103.4: 622.

10 Social Structure, (Political) Preferences, and Development (LF, 1 Lecture)

- 1. *Acemoglu, Daron, Tarek Hassan, and James A. Robinson (2011). "Social Structure and Development: A Legacy of the Holocaust in Russia", *The Quarterly Journal of Economics*, 126(2), 895-946.
- 2. Diermeier, Daniel, Georgy Egorov, and Konstantin Sonin (2013). "Endogenous Property Rights", NBER Working Paper No. 19734.
- 3. *Jha, Saumitra (2010). "Financial Asset Holdings and Political Attitudes: Evidence from Revolutionary England", *The Quarterly Journal of Economics*, 103(3), 1485-1545.
- 4. Hassler Jon, Jose Rodriguez Mora, Kjandetil Storlesseten, and Fabrizio Zilibotti (2003). "The Survival of the Welfare State", *The American Economic Review*, 93(1), 87-112.
- 5. *Hornbeck, Richard, and Suresh Naidu (2014) "When the Levee Breaks: Black Migration and Economic Development in the American South," *American Economic Review*, 104(3), 963-990.
- 6. Erol, Selman and Camilo Garcia-Jimeno (2016). "Civil Liberties and Social Structure", unpublished, University of Pennsylvania.
- 7. Galor, Oded and Omer Moav (2006). "Das Human-Kapital: A Theory of the Demise of the Class Structure", *The Review of Economic Studies*, 73(1), 85-117.
- 8. Grief, Avner (1994). "Cultural Beliefs and the Organization of Society: A Historical and Theoretical Reflection on Collectivist and Individualistic Societies", *The Journal of Political Economy*, 102(5), 912-950.

- 9. Olken, Benjamin (2009). "Do Television and Radio Destroy Social Capital? Evidence from Indonesian Villages", American Economic Journal: Applied Economics, 1(4), 1-33.
- 10. Rajan, R. G., and Ramcharan, R. (2011). Land and credit: A study of the political economy of banking in the United States in the early 20th century. The journal of finance, 66(6), 1895-1931.
- 11. Rajan R. G. and Rodney Ramcharan, 2016. "Constituencies and Legislation: The Fight Over the McFadden Act of 1927," Management Science, 62(7), pages 1843-1859, July
- 12. Rajan, Raghuram G. 2009. "Rent Preservation and the Persistence of Underdevelopment." American Economic Journal: Macroeconomics, 1(1): 178-218.

11 Conflict: political causes and some consequences (LF, 2 Lectures)

- 1. *Acemoglu, Daron, Giuseppe De Feo, and Giacomo De Luca (2017). "Weak States: Causes and Consequences of the Sicilian Mafia." NBER Working Paper No. 24115.
- 2. *Acemoglu, Daron, James A. Robinson and Rafael Santos (2012) "The Monopoly of Violence: Evidence from Colombia" *Journal of European Economic Association*, 11(1), 5-44.
- 3. *Acemoglu, D., Fergusson, L., Robinson, J., Romero, D., and Vargas, J. F. (2020). The perils of high-powered incentives: evidence from Colombia's false positives. American Economic Journal: Economic Policy, 12(3): 1–43.
- 4. *Acemoglu, D., Fergusson, L., and Johnson, S. (2020). Population and conflict. The Review of Economic Studies, 87(4), 1565-1604.
- 5. *Alesina, A., Piccolo, S., and Pinotti, P. (2019). Organized crime, violence, and politics. The Review of Economic Studies, 86(2), 457-499.
- Bauer, M., Blattman, C., Chytilová, J., Henrich, J., Miguel, E., and Mitts, T. (2016).
 Can war foster cooperation?. The Journal of Economic Perspectives, 30(3), 249-274.
- 7. Besley, Timothy and Torsten Persson (2011). "The Logic of Political Violence", *The Quarterly Journal of Economics*, 126(3), 1411-1445.
- 8. Besley, Timothy, and Marta Reynal-Querol (2012). "The Legacy of Historical Conflict: Evidence from Africa", LSE Working paper.

- 9. Blattman, Christopher and Edward Miguel (2010). "Civil War", Journal of Economic Literature, 48(1), 3-57.
- 10. Bueno de Mesquita, Ethan (2015). "Factional Conflict and Territorial Rents", unpublished, University of Chicago.
- 11. Dell, Melissa and Pablo Querubin "Nation Building Through Foreign Intervention: Evidence from Discontinuities in Military Strategies," Forthcoming in *Quarterly Journal of Economics*.
- 12. *Dal Bo, Ernesto and Pedro Dal Bo (2011). "Workers, Warriors, and Criminals: Social Conflict in General Equilibrium", *Journal of the European Economic Association*, 9(4), 646-677.
- 13. Dell, Melissa (2015). "Trafficking Networks and the Mexican Drug War", *The American Economic Review*, 105(6), 1738-1779.
- 14. DiTella, Rafael, Ernesto Dal Bo, and Pedro Dal Bo (2006). "Plata o Plomo: Bribe and Punishment in a Theory of Political Influence", American Political Science Review, 100(1), 41-53.
- 15. DiTraglia, Francis and Camilo Garcia-Jimeno (2017). "Forced Displacement and De Facto Land Reform in Rural Colombia", unpublished, University of Pennsylvania.
- 16. Dube, Oeindrila and Juan F. Vargas (2013). "Commodity Price Shocks and Civil Conflict: Evidence from Colombia", *The Review of Economic Studies*, 80(4), 1384-1421.
- 17. *Fergusson, Leopoldo and Robinson, James A., Torvik, James A. and Juan F. Vargas (2016), "The Need for Enemies," *The Economic Journal*, 126(593), 1018-1054
- 18. Fergusson, Leopoldo (2017). "Who Wants Violence? The Political Economy of Conflict and State Building in Colombia." Documento CEDE No. 2017-67.
- 19. *Guidolin, Massimo and Eliana La Ferrara (2007). "Diamonds Are Forever, Wars Are Not: Is Conflict Bad for Private Firms?", *The American Economic Review*, 97(5), 1978?1993.
- 20. Iyigun Murat, Nathan Nunn and Nacy Qian (2017) "The Long-Run Effects of Agricultural Productivity on Conflict, 1400-1900," http://www.nber.org/papers/w24066
- 21. Lessing, Benjamin (2015). "Logics of Violence in Criminal War", *Journal of Conflict Resolution*, 59(8), 1486-1516.
- 22. Miguel, Edward, Sebastian M. Saiegh, and Shanker Satyanath (2011), "Civil War Exposure and Violence." Economics & Politics 23(1), 59-73.

- 23. *Moya, Andres (2018) "Violence, Psychological Trauma, and Risk Attitudes: Evidence from Victims of Violence in Colombia," Journal of Development Economics, 131, 15-27
- 24. Voors, M. J., Nillesen, E. E., Verwimp, P., Bulte, E. H., Lensink, R., and Van Soest, D. P. (2012). Violent conflict and behavior: a field experiment in Burundi. The American Economic Review, 102(2), 941-964.