

# The Economics History of State and Religion

## Syllabus

Provisional Syllabus: Spring 2019 Professor: Mark Koyama

E-mail: mark\_koyama@googlemail.com

Office Hrs: Carow Hall. Fairfax Campus;

This class will introduce PhD students to research in the economics and economic history of religion. I define the topic of the economics religion broadly. It encompasses topics in the economics of culture and overlaps with issues in economic history and institutional economics. As such this class will complement other classes and fields you take. There will be a particular focus on the political economy angle and the relationship between religion and the state.

The class will consist of a mixture of lectures, discussion and student presentations. The purpose of this class is to prepare you for research. You will work on paper ideas and papers which will ideally form the basis of either your dissertation or lead to published papers. The requirements are that you attend every class (unless you have a good reason to be absent) and write a paper at the end of the semester. As an intermediate step I will invite you to propose three paper ideas to me and to discuss these ideas after class or in my office hours. There will be student presentations at the end of the semester.

I advice you do the readings before class. The class itself will focus on my lecture slides. Based on feedback from previous classes, I intended to focus on the methods and techniques used in the papers we read as well as on their content. Starred readings are highly recommended. Non-starred readings are highly recommended but not essential.

The main book I will require for this class is

Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019

This is currently available for pre-ordering from Amazon.

## 1 Readings

### 1.1 Introduction and Overview: January 23

- Laurence R. Iannaccone, Introduction to the Economics of Religion, *Journal of Economic Literature* 36, Nr. 3 September 1998\*
- Rachel M. McCleary and Robert J. Barro, Religion and Economy, *Journal of Economic Perspectives* 20, Nr. 2 Spring 2006

- Adam Smith, *An Inquiry into the Nature and Causes of the Wealth of Nations* Oxford: Clarendon Press, 1776
- David Hume, "Of Superstition and Enthusiasm" Essay X in *Essays Moral, Political, and Literary* (1742-1754)
- Jonathan Gruber and Daniel M. Hungerman, The Church versus the Mall: What Happens When Religion Faces Increased Secular Competition?, *The Quarterly Journal of Economics* 123, Nr. 2 05 2008
- Ran Abramitzky, Liran Einav and Oren Rigbi, Is Hanukkah Responsive to Christmas?, *Economic Journal* 120, Nr. 545 06 2010
- Ronald Ehrenberg Corry Azzi, Household Allocation of Time and Church Attendance, *Journal of Political Economy* 83, Nr. 1 1975
- Syria Iyer, The New Economics of Religion, *Journal of Economic Literature* 54, Nr. 2 June 2016
- Gani Aldashev and Jean-Philippe Platteau, *Religion, Culture, and Development*, volume 2 North-Holland and Elsevier, 1 2014

For the first week of class I suggest you familiarize yourself with the literature by reading at least overview of the topic. Iannaccone provides a classic literature review but it is somewhat out of date whereas Iyer and Adlashev and Platteau survey more recent contributions. I also advice consulting some of the classic papers of Gary Becker for further inspiration and insight into the issues involved in modeling non-market decision making. Corry Azzi (1975) was the first modeling paper in the economics of religion.

## 1.2 Economics of Culture: January 30

- L. Guiso, P. Sapienza and L. Zingales, Does Culture Affect Economic Outcomes?, *The Journal of Economic Perspectives* 20, Nr. 2 2006\*
- Luigi Guiso, Paola Sapienza and Luigi Zingales, *Civic Capital as the Missing Link*, in: Jess Benhabib, Alberto Bisin and Matthew O. Jackson, editors, *Handbook of Social Economics* Amsterdam: Elsevier, 2011\*
- Sara Lowes et al., The Evolution of Culture and Institutions: Evidence from the Kuba Kingdom, *Econometrica* 85, Nr. 4 2017\*
- Alberto Alesina, Paola Giuliano and Nathan Nunn, On the Origins of Gender Roles: Women and the Plough, *The Quarterly Journal of Economics* 128, Nr. 2 2013\*
- Nathan Nunn and Leonard Wantchekon, The Slave Trade and the Origins of Mistrust in Africa, *American Economic Review* 101, Nr. 7 December 2011\*
- Alberto Alesina and Paola Giuliano, Culture and Institutions, *Journal of Economic Literature* 53, Nr. 4 2015

- Alberto Bisin and Thierry Verdier, The Economics of Cultural Transmission and the Dynamics of Preferences, *Journal of Economic Theory* 97, Nr. 2 April 2001
- George A. Akerlof and Rachel E. Kranton, Economics And Identity, *Quarterly Journal of Economics* 115, Nr. 3 August 2000
- Avner Greif, Cultural Beliefs and the Organization of Society: A Historical and Theoretical Reflection on Collectivist and Individualist Societies, *Journal of Political Economy* 102, Nr. 5 October 1994

How should economists think about culture? Can cultural values be modeled? Can they be measured? How do cultural values effect economic outcomes? How does economic change affect cultural values? This has been one of the hottest and most exciting topics within economics in recent years. We will study some of the most innovative and interesting papers in the field.

### 1.3 Religion, Beliefs, and Pro-Social Values: February 13

- Guido Tabellini, The Scope of Cooperation: Values and Incentives, *The Quarterly Journal of Economics* 123, Nr. 3 August 2008\*
- Ara Norenzayan, *Big Gods: How Religion Transformed Cooperation and Conflict* Princeton, N.J.: Princeton University Press, 2013\*
- Gilat Levy and Ronney Razin, Religious Beliefs, Participation and Cooperation, *American Economic Journal: Microeconomics* 4, Nr. 3 2012
- David Clingingsmith, Asim Ijaz Khwaja and Michael Kremer, Estimating the Impact of The Hajj: Religion and Tolerance in Islam’s Global Gathering, *The Quarterly Journal of Economics* 124, Nr. 3 2009
- Filipe Campante and David Yanagizawa-Drott, Does Religion Affect Economic Growth and Happiness? Evidence from Ramadan, *The Quarterly Journal of Economics* 130, Nr. 2 2015\*
- Boris Gershman, The economic origins of the evil eye belief, *Journal of Economic Behavior & Organization* 110, Nr. C 2015
- Boris Gershman, Witchcraft Beliefs and the Erosion of Social Capital: Evidence from Sub-Saharan Africa and Beyond, *Journal of Development Economics* 120 May 2016
- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapter 2

Does religion inculcate pro-social values? Norenzayan summarizes recent research that suggests that a belief in so-called ‘big gods’ is associated with more cooperative and trusting behavior. This suggests that the belief in a moralizing god is a cultural adaption that may have evolved via group selection.

## 1.4 The Catholic Church & Medieval Political Economy: February 20

- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapter 3\*
- Gary Richardson and Michael McBride, Religion, Longevity, and Cooperation: The Case of the Craft Guild., *Journal of Economic Behavior and Organization* 71, Nr. 2 2009
- Thomas Barnebeck Andersen et al., Pre-Reformation Roots of the Protestant Ethic, *The Economic Journal* 127, Nr. 604 2016
- Robert B. Ekelund, Robert Hebert and Robert Tollison, *The Marketplace of Christianity* Cambridge, Massachusetts: The MIT Press, 2006. Alternatively focus on Robert B. Ekelund, Robert F. Hebert and Robert D. Tollison, An Economic Analysis of the Protestant Reformation, *Journal of Political Economy* 110, Nr. 3 June 2002 and Brighita Bercea, Robert B. Ekelund and Robert D. Tollison, Cathedral Building as an Entry-Deterring Device, *Kyklos* 58, Nr. 4 November 2005.\*
- Robert B. Ekelund et al., *Sacred Trust: The Medieval Church as an Economic Firm* Oxford: Oxford University Press, 1996. Alternatively focus on Ekelund et al. (1989).\*
- Benito Arrunada, Specialization and Rent Seeking in Moral Enforcement: The Case of Confession, *Journal for the Scientific Study of Religion* 48, Nr. 3 2009
- Harold J. Berman, *Law and Revolution, the formation of the Western legal tradition* Cambridge, Massachuestts: Harvard University Press, 1983
- Colin Morris, *The Papal Monarchy : the Western Church from 1050 to 1250* Oxford: Clarendon Press, 1989

The Catholic Church is the longest lasting institution in the world. It has had a massive impact on European history. Many aspects of the Catholic Church have recently come under the purview of economists and economic historians.

We ask how did the Catholic Church last so long? Can the Catholic Church be modeled as a religious firm? What was the relationship between the Church and the state in the medieval period? What led to the breakdown of the Catholic religious monopoly and to the Reformation?

## 1.5 The Jewish Communities in Medieval and Early Modern Europe: February 27

- Maristella Botticini and Zvi Eckstein, *The Chosen Few* Princeton, New Jersey: Princeton University Press, 2012\*

- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapters 4-5\*
- Mark Koyama, The political economy of expulsion: The regulation of Jewish moneylending in medieval England, *Constitutional Political Economy* 21, Nr. 4 December 2010
- Noel D. Johnson and Mark Koyama, Jewish Communities and City Growth in Preindustrial Europe March 2016
- Remi Jebwab, Noel D. Johnson and Mark Koyama, Bones, Bacteria and Breaks: The Heterogenous Spatial Effects of the Black Death on Urban Economic Development January 2016
- Luigi Pascali, Banks and Development: Jewish Communities in the Italian Renaissance and Current Economic Performance, *Review of Economics and Statistics* 98, Nr. 1 2016

A large historical literature links the presence of religious minorities to economic prosperity. The important work of Botticini and Eckstein demonstrates that Jews had higher levels of human capital than did Christians and Muslims throughout medieval Europe. We ask: What was the economic role of the Jews? Did the presence of Jewish communities lead to faster economic growth in the premodern period?

## 1.6 The Protestant Reformation: March 6

- Max Weber, *The Protestant Ethic and the Spirit of Capitalism* London, U.K.: Allen and Unwin, 1930
- R.H. Tawney, *Religion and the Rise of Capitalism* London: Verso, 1926
- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapter 7
- Davide Cantoni, Adopting a New Religion: The Case of Protestantism in 16th Century Germany , *Economic Journal*, 122, Nr. 560 2012
- Robert B. Ekelund, Robert F. Hebert and Robert D. Tollison, An Economic Analysis of the Protestant Reformation, *Journal of Political Economy* 110, Nr. 3 June 2002
- Davide Cantoni, The Economic Effects Of The Protestant Reformation: Testing The Weber Hypothesis In The German Lands, *Journal of the European Economic Association* 13, Nr. 4 08 2015
- Sascha O. Becker, Steven Pfaff and Jared Rubin, Causes and consequences of the Protestant Reformation, *Explorations in Economic History* 62 2016\*
- Jared Rubin, Printing and Protestants: Reforming the Economics of the Reformation, *Review of Economics and Statistics* 96, Nr. 2 2014\*

- Jared Rubin, *Rulers, Religion, and Riches Why the West Got Rich and the Middle East Did Not* Cambridge: Cambridge University Press, 2017
- Gilat Levy and Ronney Razin, Religious Beliefs, Participation and Cooperation, *American Economic Journal: Microeconomics* 4, Nr. 3 2012
- Murat Iyigun, Luther and Suleyman, *The Quarterly Journal of Economics* 123, Nr. 4 November 2008
- Benito Arrunada, Protestants and Catholics: Similar Work Ethic, Different Social Ethic, *Economic Journal* 120, Nr. 547 09 2010

What lead to the successful ‘entry’ of new religious firms in the religious economy of medieval Europe after 1500? Why did earlier heretical movements fail? What factors are responsible for the success and diffusion of the Protestant Reformation. What were the economic consequences of the Protestant Reformation?

## No Class March 20

### 1.7 Religion and Economic Development: March 27

- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapter 12
- Erik Hornung, Immigration and the Diffusion of Technology: The Huguenot Diaspora in Prussia, *American Economic Review* 104, Nr. 1 January 2014
- Metin M. Coşgel, Thomas J. Miceli and Jared Rubin, The Political Economy of Mass Printing: Legitimacy and technological change in the Ottoman Empire, *Journal of Comparative Economics* 40, Nr. 3 2012
- Jean-Paul Carvalho and Mark Koyama, Jewish Emancipation and Schism: Economic Development and Religious Change, *Journal of Comparative Economics* 44, Nr. 3 2016
- Sascha O. Becker and Ludger Woessmann, Was Weber Wrong? A Human Capital Theory of Protestant Economic History, *The Quarterly Journal of Economics* 124, Nr. 2 May 2009
- Jeremiah Dittmar and Ralf R. Meisenzahl, State Capacity and Public Goods: Institutional Change, Human Capital and Growth in Early Modern Germany, CEP Discussion Paper 1148 Center for Economic Performance, March 2016\*
- Davide Cantoni, Jeremiah Dittmar and Noam Yuchtman, Reallocation and Secularization: The Economic Consequences of the Protestant Reformation, *Quarterly Journal of Economics* Forthcoming 2018

## 1.8 Religion, Violence and Ethnic Conflict: April 3

- Saumitra Jha, Trade, complementaries and religious tolerance: evidence from India, *American Journal of Political Science* 107, Nr. 4 2013\*. Also see Alberto Diaz-Cayeros and Saumitra Jha, Can Contract Failures Foster Ethnic Assimilation? Evidence from Cochineal in Mexico January 2017.
- Nico Voigtländer and Hans-Joachim Voth, Persecution Perpetuated: The Medieval Origins of Anti-Semitic violence in Nazi Germany, *Quarterly Journal of Economics* 127, Nr. 3 2012\*
- Remi Jedwab, Noel Johnson and Mark Koyama, Economic Shocks, Inter-Ethnic Complementarities and the Persecution of Minorities: Evidence from the Black Death December 2016
- Theresa Finley and Mark Koyama, Plague, Politics, and Pogroms: The Black Death, Fragmented states, and the persecution of Jews in the Holy Roman Empire, *Journal of Law & Economics* Forthcoming 2018
- Irena Grosfeld, Seyhun Orcan Sakalli and Ekaterina Zhuravskaya, Middleman Minorities and Ethnic Violence: Anti-Jewish Pogroms in the Russian Empire 2017
- Sascha O. Becker and Luigi Pascali, Religion, Division of Labor and Conflict: Anti-Semitism in German Regions over 600 Years, *American Economic Review* Forthcoming 2018
- Asaf Zussman, The effect of political violence on religiosity, *Journal of Economic Behavior & Organization* 104, Nr. C 2014
- Irena Grosfeld, Alexander Rodnyansky and Ekaterina Zhuravskaya, Persistent Anti-Market Culture: A Legacy of the Pale of Settlement after the Holocaust, *American Economic Journal: Economic Policy* 5, Nr. 3 August 2013

What is the relationship between religion and violence? Does religion cause violence? Or does it make existing tensions and conflicts more extreme? We examine several episodes of religiously inspired violence from history, particularly the persecution of Muslims by Hindus in India and the persecutions of Jews in medieval Europe. In particular we explore how religious motivations interact with economic motivations in determining the probability of religiously inspired violence.

## 1.9 Religion, Innovation and the State: April 10

- Roland Bénabou, Davide Ticchi and Andrea Vindigni, Religion and Innovation, NBER Working Papers 21052 National Bureau of Economic Research, Inc, March 2015b
- Roland Bénabou, Davide Ticchi and Andrea Vindigni, Forbidden Fruits: The Political Economy of Science, Religion, and Growth, NBER Working Papers 21105 National Bureau of Economic Research, Inc, April 2015a

- Joel Mokyr, *Culture of Growth* Princeton, NJ.: Princeton University Press, 2016
- Noel D. Johnson and Mark Koyama, *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019 Chapter 13
- Metin M. Coşgel and Thomas J. Miceli, State and religion, *Journal of Comparative Economics* 37, Nr. 3 2009\*
- Robert J. Barro and Rachel M. McCleary, Which Countries Have State Religions?, *The Quarterly Journal of Economics* 120, Nr. 4 2005
- Latika Chaudhary and Jared Rubin, Religious identity and the provision of public goods: Evidence from the Indian Princely States, *Journal of Comparative Economics* Forthcoming 2016
- Jordi Vidal-Robert, Long-run effects of the Spanish Inquisition, CAGE Online Working Paper Series, Competitive Advantage in the Global Economy (CAGE) 192 2014

What is the relationship between religion and innovation? Why do some religions oppose scientific innovation? What explains episodes of religiously inspired conservatism in history? How do the relationship between religion and the state change after 1600 so as to favor innovation and growth? What is the relationship between religion and the state? How has this religion changed over time?

## 1.10 The Political Economy of Islam: April 10

- Jared Rubin, *Rulers, Religion, and Riches Why the West Got Rich and the Middle East Did Not* Cambridge: Cambridge University Press, 2017\*
- S. Michalopoulos, A. Naghavi and G. Prarolo, Islam, Inequality and Pre-Industrial Comparative Development, Working Papers wp974 Dipartimento Scienze Economiche, Università' di Bologna, October 2014\*
- Erik Meyersson, Islamic Rule and the Empowerment of the Poor and Pious, *Econometrica* 82, Nr. 1 01 2014\*
- Christine Binzel and Jean-Paul Carvalho, Education, Social Mobility and Religious Movements: The Islamic Revival in Egypt, *The Economic Journal* 127 2017\*
- Timur Kuran, *The Long Divergence* Princeton, New Jersey: Princeton University Press, 2010\*. Alternatively, read Kuran (2003); Kuran (2006); Kuran (2004); Kuran (2005).
- Lisa Blaydes and Eric Chaney, The Feudal Revolution and Europe's Rise: Political Divergence of the Christian and Muslim Worlds before 1500 CE, *American Political Science Review* 107, Nr. 1 2013\*
- Eric Chaney, Revolt on the Nile: Economic Shocks, Religion and Political Power, *Econometrica* 81, Nr. 5 2013

- Timur Kuran and Jared Rubin, The Financial Power of the Powerless: Socio-Economic Status and Interest Rates under Partial Rule of Law, Working Papers 14-22 Chapman University, Economic Science Institute, 2014
- Eric Chaney, Religion and the Rise and Fall of Islamic Science March 2016

What is the relationship between Islam and the state? How did Islam arise? Why did it spread where it did? Did Islamic traditions impede the transition to modern economic growth? Why has there been an Islamic revival since the 1970s? Why are so few Islamic states stable democracies? Are there reasons to believe that Islam is less inimical to liberal democracy than other world regions?

## 1.11 Class Presentations: April 24

## 1.12 Class Presentations: May 1

## References

- Abramitzky, Ran, Einav, Liran and Rigbi, Oren: Is Hanukkah Responsive to Christmas?, *Economic Journal* 120, Nr. 545 06 2010, 612–630
- Akerlof, George A. and Kranton, Rachel E.: Economics And Identity, *Quarterly Journal of Economics* 115, Nr. 3 August 2000, 715–753
- Aldashev, Gani and Platteau, Jean-Philippe: *Religion, Culture, and Development*, volume 2 North-Holland and Elsevier, 1 2014, 587–631
- Alesina, Alberto and Giuliano, Paola: Culture and Institutions, *Journal of Economic Literature* 53, Nr. 4 2015, 898–944
- Alesina, Alberto, Giuliano, Paola and Nunn, Nathan: On the Origins of Gender Roles: Women and the Plough, *The Quarterly Journal of Economics* 128, Nr. 2 2013, 469–530
- Andersen, Thomas Barnebeck et al.: Pre-Reformation Roots of the Protestant Ethic, *The Economic Journal* 127, Nr. 604 2016, 1756–1793
- Arrunada, Benito: Specialization and Rent Seeking in Moral Enforcement: The Case of Confession, *Journal for the Scientific Study of Religion* 48, Nr. 3 2009, 443–461
- Arrunada, Benito: Protestants and Catholics: Similar Work Ethic, Different Social Ethic, *Economic Journal* 120, Nr. 547 09 2010, 890–918
- Barro, Robert J. and McCleary, Rachel M.: Which Countries Have State Religions?, *The Quarterly Journal of Economics* 120, Nr. 4 2005, 1331–1370
- Becker, Sascha O. and Pascali, Luigi: Religion, Division of Labor and Conflict: Anti-Semitism in German Regions over 600 Years, *American Economic Review* Forthcoming 2018
- Becker, Sascha O., Pfaff, Steven and Rubin, Jared: Causes and consequences of the Protestant Reformation, *Explorations in Economic History* 62 2016, 1–25
- Becker, Sascha O. and Woessmann, Ludger: Was Weber Wrong? A Human Capital Theory of Protestant Economic History, *The Quarterly Journal of Economics* 124, Nr. 2 May 2009, 531–596
- Bénabou, Roland, Ticchi, Davide and Vindigni, Andrea: Forbidden Fruits: The Political Economy of Science, Religion, and Growth, NBER Working Papers 21105 National Bureau of Economic Research, Inc, April 2015a
- Bénabou, Roland, Ticchi, Davide and Vindigni, Andrea: Religion and Innovation, NBER Working Papers 21052 National Bureau of Economic Research, Inc, March 2015b

- Bercea, Brighita, Ekelund, Robert B. and Tollison, Robert D.: Cathedral Building as an Entry-Detering Device, *Kyklos* 58, Nr. 4 November 2005, 453–465
- Berman, Harold J.: *Law and Revolution, the formation of the Western legal tradition* Cambridge, Massachussetts: Harvard University Press, 1983
- Binzel, Christine and Carvalho, Jean-Paul: Education, Social Mobility and Religious Movements: The Islamic Revival in Egypt, *The Economic Journal* 127 2017, 2553–2580.
- Bisin, Alberto and Verdier, Thierry: The Economics of Cultural Transmission and the Dynamics of Preferences, *Journal of Economic Theory* 97, Nr. 2 April 2001, 298–319
- Blaydes, Lisa and Chaney, Eric: The Feudal Revolution and Europe’s Rise: Political Divergence of the Christian and Muslim Worlds before 1500 CE, *American Political Science Review* 107, Nr. 1 2013, 16–34
- Botticini, Maristella and Eckstein, Zvi: *The Chosen Few* Princeton, New Jersey: Princeton University Press, 2012
- Campante, Filipe and Yanagizawa-Drott, David: Does Religion Affect Economic Growth and Happiness? Evidence from Ramadan, *The Quarterly Journal of Economics* 130, Nr. 2 2015, 615–658
- Cantoni, Davide: Adopting a New Religion: The Case of Protestantism in 16th Century Germany , *Economic Journal*, 122, Nr. 560 2012, 502–5311
- Cantoni, Davide: The Economic Effects Of The Protestant Reformation: Testing The Weber Hypothesis In The German Lands, *Journal of the European Economic Association* 13, Nr. 4 08 2015, 561–598
- Cantoni, Davide, Dittmar, Jeremiah and Yuchtman, Noam: Reallocation and Secularization: The Economic Consequences of the Protestant Reformation, *Quarterly Journal of Economics* Forthcoming 2018
- Carvalho, Jean-Paul and Koyama, Mark: Jewish Emancipation and Schism: Economic Development and Religious Change, *Journal of Comparative Economics* 44, Nr. 3 2016, 29–39
- Chaney, Eric: Revolt on the Nile: Economic Shocks, Religion and Political Power, *Econometrica* 81, Nr. 5 2013, 2033–2053
- Chaney, Eric: Religion and the Rise and Fall of Islamic Science March 2016, Working Paper
- Chaudhary, Latika and Rubin, Jared: Religious identity and the provision of public goods: Evidence from the Indian Princely States, *Journal of Comparative Economics* Forthcoming 2016
- Clingingsmith, David, Khwaja, Asim Ijaz and Kremer, Michael: Estimating the Impact of The Hajj: Religion and Tolerance in Islam’s Global Gathering, *The Quarterly Journal of Economics* 124, Nr. 3 2009, 1133–1170
- Corry Azzi, Ronald Ehrenberg: Household Allocation of Time and Church Attendance, *Journal of Political Economy* 83, Nr. 1 1975, 27–56
- Coşgel, Metin M. and Miceli, Thomas J.: State and religion, *Journal of Comparative Economics* 37, Nr. 3 2009, 402–416
- Coşgel, Metin M., Miceli, Thomas J. and Rubin, Jared: The Political Economy of Mass Printing: Legitimacy and technological change in the Ottoman Empire, *Journal of Comparative Economics* 40, Nr. 3 2012, 357–371
- Diaz-Cayeros, Alberto and Jha, Saumitra: Can Contract Failures Foster Ethnic Assimilation? Evidence from Cochineal in Mexico January 2017, Stanford Working Paper
- Dittmar, Jeremiah and Meisenzahl, Ralf R.: State Capacity and Public Goods: Institutional Change, Human Capital and Growth in Early Modern Germany, CEP Discussion Paper 1148 Center for Economic Performance, March 2016
- Ekelund, Robert B., Hebert, Robert and Tollison, Robert: *The Marketplace of Christianity* Cambridge, Massachusetts: The MIT Press, 2006
- Ekelund, Robert B. et al.: *Sacred Trust: The Medieval Church as an Economic Firm* Oxford: Oxford University Press, 1996
- Ekelund, Robert B., Hebert, Robert and Tollison, Robert D.: An Economic Model of the Medieval Church: Usury as a Form of Rent Seeking, *Journal of Law and Economic Organization* 5, Nr. 2 1989, 307–331

- Ekelund, Robert B., Hebert, Robert F. and Tollison, Robert D.: An Economic Analysis of the Protestant Reformation, *Journal of Political Economy* 110, Nr. 3 June 2002, 646–671
- Finley, Theresa and Koyama, Mark: Plague, Politics, and Pogroms: The Black Death, Fragmented states, and the persecution of Jews in the Holy Roman Empire, *Journal of Law & Economics* Forthcoming 2018
- Gershman, Boris: The economic origins of the evil eye belief, *Journal of Economic Behavior & Organization* 110, Nr. C 2015, 119–144
- Gershman, Boris: Witchcraft Beliefs and the Erosion of Social Capital: Evidence from Sub-Saharan Africa and Beyond, *Journal of Development Economics* 120 May 2016, 182–208.
- Greif, Avner: Cultural Beliefs and the Organization of Society: A Historical and Theoretical Reflection on Collectivist and Individualist Societies, *Journal of Political Economy* 102, Nr. 5 October 1994, 912–50
- Grosfeld, Irena, Sakalli, Seyhun Orcan and Zhuravskaya, Ekaterina: Middleman Minorities and Ethnic Violence: Anti-Jewish Pogroms in the Russian Empire 2017, Mimeo
- Grosfeld, Irena, Rodnyansky, Alexander and Zhuravskaya, Ekaterina: Persistent Anti-Market Culture: A Legacy of the Pale of Settlement after the Holocaust, *American Economic Journal: Economic Policy* 5, Nr. 3 August 2013, 189–226
- Gruber, Jonathan and Hungerman, Daniel M.: The Church versus the Mall: What Happens When Religion Faces Increased Secular Competition?, *The Quarterly Journal of Economics* 123, Nr. 2 05 2008, 831–862
- Guiso, L., Sapienza, P. and Zingales, L.: Does Culture Affect Economic Outcomes?, *The Journal of Economic Perspectives* 20, Nr. 2 2006, 23–48
- Guiso, Luigi, Sapienza, Paola and Zingales, Luigi: *Civic Capital as the Missing Link*, in: Benhabib, Jess, Bisin, Alberto and Jackson, Matthew O., editors, *Handbook of Social Economics* Amsterdam: Elsevier, 2011, 417–480
- Hornung, Erik: Immigration and the Diffusion of Technology: The Huguenot Diaspora in Prussia, *American Economic Review* 104, Nr. 1 January 2014, 84–122
- Iannaccone, Laurence R.: Introduction to the Economics of Religion, *Journal of Economic Literature* 36, Nr. 3 September 1998, 1465–1495
- Iyer, Syria: The New Economics of Religion, *Journal of Economic Literature* 54, Nr. 2 June 2016, 395–441
- Iyigun, Murat: Luther and Suleyman, *The Quarterly Journal of Economics* 123, Nr. 4 November 2008, 1465–1494
- Jebwab, Remi, Johnson, Noel D. and Koyama, Mark: Bones, Bacteria and Breaks: The Heterogenous Spatial Effects of the Black Death on Urban Economic Development January 2016, Memo
- Jedwab, Remi, Johnson, Noel and Koyama, Mark: Economic Shocks, Inter-Ethnic Complementarities and the Persecution of Minorities: Evidence from the Black Death December 2016, Mimeo
- Jha, Saumitra: Trade, complementarities and religious tolerance: evidence from India, *American Journal of Political Science* 107, Nr. 4 2013
- Johnson, Noel D. and Koyama, Mark: Jewish Communities and City Growth in Preindustrial Europe March 2016, Memo
- Johnson, Noel D. and Koyama, Mark: *Persecution & Toleration: The Long Road to Religious Freedom* Cambridge: Cambridge University Press, 2019
- Koyama, Mark: The political economy of expulsion: The regulation of Jewish moneylending in medieval England, *Constitutional Political Economy* 21, Nr. 4 December 2010, 374–406
- Kuran, Timur: The Islamic Commercial Crisis: Institutional Roots of Economic Underdevelopment in the Middle East, *Journal of Economic History* 63, Nr. 2 2003, 414–46
- Kuran, Timur: Why the Middle East Is Economically Underdeveloped: Historical Mechanisms of Institutional Stagnation, *Journal of Economic Perspectives* 18, Nr. 3 Summer 2004, 71–90
- Kuran, Timur: The Absence of the Corporation in Islamic Law: Origins and Persistence, *The American Journal of Comparative Law* 53, Nr. 4 2005, 785–834
- Kuran, Timur: *Islam and Mammon* New Jersey: Princeton University Press, 2006
- Kuran, Timur: *The Long Divergence* Princeton, New Jersey: Princeton University Press, 2010

- Kuran, Timur and Rubin, Jared: The Financial Power of the Powerless: Socio-Economic Status and Interest Rates under Partial Rule of Law, Working Papers 14-22 Chapman University, Economic Science Institute, 2014
- Levy, Gilat and Razin, Ronney: Religious Beliefs, Participation and Cooperation, *American Economic Journal: Microeconomics* 4, Nr. 3 2012, 121–151
- Lowes, Sara et al.: The Evolution of Culture and Institutions: Evidence from the Kuba Kingdom, *Econometrica* 85, Nr. 4 2017, 1065–1091
- McCleary, Rachel M. and Barro, Robert J.: Religion and Economy, *Journal of Economic Perspectives* 20, Nr. 2 Spring 2006, 49–72
- Meyersson, Erik: Islamic Rule and the Empowerment of the Poor and Pious, *Econometrica* 82, Nr. 1 01 2014, 229–269
- Michalopoulos, S., Naghavi, A. and Prarolo, G.: Islam, Inequality and Pre-Industrial Comparative Development, Working Papers wp974 Dipartimento Scienze Economiche, Universita' di Bologna, October 2014
- Mokyr, Joel: *Culture of Growth* Princeton, NJ.: Princeton University Press, 2016
- Morris, Colin: *The Papal Monarchy : the Western Church from 1050 to 1250* Oxford: Clarendon Press, 1989
- Norenzayan, Ara: *Big Gods: How Religion Transformed Cooperation and Conflict* Princeton, N.J.: Princeton University Press, 2013
- Nunn, Nathan and Wantchekon, Leonard: The Slave Trade and the Origins of Mistrust in Africa, *American Economic Review* 101, Nr. 7 December 2011, 3221–52
- Pascali, Luigi: Banks and Development: Jewish Communities in the Italian Renaissance and Current Economic Performance, *Review of Economics and Statistics* 98, Nr. 1 2016, 140–158
- Richardson, Gary and McBride, Michael: Religion, Longevity, and Cooperation: The Case of the Craft Guild., *Journal of Economic Behavior and Organization* 71, Nr. 2 2009, 172–186
- Rubin, Jared: Printing and Protestants: Reforming the Economics of the Reformation, *Review of Economics and Statistics* 96, Nr. 2 2014, 270–286
- Rubin, Jared: *Rulers, Religion, and Riches Why the West Got Rich and the Middle East Did Not* Cambridge: Cambridge University Press, 2017
- Smith, Adam: *An Inquiry into the Nature and Causes of the Wealth of Nations* Oxford: Clarendon Press, 1776
- Tabellini, Guido: The Scope of Cooperation: Values and Incentives, *The Quarterly Journal of Economics* 123, Nr. 3 August 2008, 905–950
- Tawney, R.H.: *Religion and the Rise of Capitalism* London: Verso, 1926
- Vidal-Robert, Jordi: Long-run effects of the Spanish Inquisition, CAGE Online Working Paper Series, Competitive Advantage in the Global Economy (CAGE) 192 2014
- Voigtländer, Nico and Voth, Hans-Joachim: Persecution Perpetuated: The Medieval Origins of Anti-Semitic violence in Nazi Germany, *Quarterly Journal of Economics* 127, Nr. 3 2012, 1–54
- Weber, Max: *The Protestant Ethic and the Spirit of Capitalism* London, U.K.: Allen and Unwin, 1930
- Zussman, Asaf: The effect of political violence on religiosity, *Journal of Economic Behavior & Organization* 104, Nr. C 2014, 64–83