ECONOMIC ORIGINS OF DICTATORSHIP AND DEMOCRACY

This book develops a framework for analyzing the creation and consolidation of democracy. Different social groups prefer different political institutions because of the way they allocate political power and resources. Thus, democracy is preferred by the majority of citizens but opposed by elites. Dictatorship, nevertheless, is not stable when citizens can threaten social disorder and revolution. In response, when the costs of repression are sufficiently high and promises of concessions are not credible, elites may be forced to create democracy. By democratizing, elites credibily transfer political power to the citizens, ensuring social stability. Democracy consolidates when elites do not have a strong incentive to overthrow it. These processes depend on (1) the strength of civil society, (2) the structure of political institutions, (3) the nature of political and economic crises, (4) the level of economic inequality, (5) the structure of the economy, and (6) the form and extent of globalization.

Daron Acemoglu is Charles P. Kindleberger Professor of Applied Economics in the Department of Economics at the Massachusetts Institute of Technology and a member of the Economic Growth Program of the Canadian Institute for Advanced Research. He is also affiliated with the National Bureau of Economic Research, Center for Economic Performance, and Centre for Economic Policy Research and is a Fellow of the European Economic Association. Professor Acemoglu previously taught at the London School of Economics. He received the award for best paper published in the *Economic Journal* in 1996 for his paper "Consumer Confidence and Rational Expectations: Are Agents' Beliefs Consistent with the Theory?", the inaugural T. W. Shultz Prize at the University of Chicago in 2004, and the inaugural Sherwin Rosen Award for outstanding contribution to labor economics and Statistics and associate editor of the *Journal of Economic Growth*. He is the recipient of the 2005 John Bates Clark Medal from the American Economic Association, awarded to the most outstanding economist working in the United States under age 40.

James A. Robinson is Professor of Government at Harvard University. He previously taught at the University of California, Berkeley, the University of Southern California, and the University of Melbourne. He is a member of the Economic Growth Program of the Canadian Institute for Advanced Research and affiliated with the Centre for Economic Policy Research. A 2002 Carnegie Scholar and a 1999–2000 Hoover Institution Fellow, his research has been published in leading journals such as the *Quarterly Journal of Economic Literature*. Professor Robinson is on the editorial board of *World Politics*. Together with Professors Daron Acemoglu and Simon Johnson, Professor Robinson is coauthor of the forthcoming book, *The Institutional Roots of Prosperity*.

Economic Origins of Dictatorship and Democracy

DARON ACEMOGLU JAMES A. ROBINSON



> CAMBRIDGE UNIVERSITY PRESS Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo

> > Cambridge University Press 40 West 20th Street, New York, NY 10011-4211, USA

www.cambridge.org Information on this title: www.cambridge.org/9780521855266

© Daron Acemoglu and James A. Robinson 2005

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2005

Printed in the United States of America

A catalog record for this publication is available from the British Library.

Library of Congress Cataloging in Publication Data

Acemoglu, Daron. Economic origins of dictatorship and democracy / Daron Acemoglu, James A. Robinson. p. cm. Includes bibliographical references and index. ISBN-13: 978-0-521-85526-6 (hardback) ISBN-10: 0-521-85526-8 (hardback) 1. Democracy – Economic aspects. 2. Democratization. 3. Equality. 4. Political culture. 5. Dictatorship. 6. Comparative government. I. Robinson, James A., 1960– II. Title. JC423.A248 2005 321.8 – dc22 2005011262 ISBN-13 978-0-521-85526-6 hardback ISBN-10 0-521-85526-8 hardback

> Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party Internet Web sites referred to in this publication and does not guarantee that any content on such Web sites is, or will remain, accurate or appropriate.

> To the memory of my parents, Kevork and Irma, who invested so much in me. To my love, Asu, who has been my inspiration and companion throughout. Daron Acemoglu

> To the memory of my mother, from whom I inherited my passion for books and my indignation at the injustices of this life. To the memory of my father, from whom I inherited my fascination for science and my curiosity about this extraordinary world.

> > James A. Robinson

Contents

Preface	<i>page</i> xi
PART ONE. QUESTIONS AND ANSWERS	
1. Paths of Political Development	1
1. Britain	2
2. Argentina	5
3. Singapore	8
4. South Africa	10
5. The Agenda	14
2. Our Argument	15
1. Democracy versus Nondemocracy	16
2. Building Blocks of Our Approach	19
3. Toward Our Basic Story	22
4. Our Theory of Democratization	23
5. Democratic Consolidation	30
6. Determinants of Democracy	31
7. Political Identities and the Nature of Conflict	42
8. Democracy in a Picture	43
9. Overview of the Book	46
3. What Do We Know about Democracy?	48
1. Measuring Democracy	48
2. Patterns of Democracy	51
3. Democracy, Inequality, and Redistribution	58
4. Crises and Democracy	65
5. Social Unrest and Democratization	65
6. The Literature	75
7. Our Contribution	80

vii

viii

4.

Democratic Politics

Contents

PART TWO. MODELING POLITICS

	1. Introduction	89
	2. Aggregating Individual Preferences	91
	3. Single-Peaked Preferences and the Median Voter Theorem	92
	4. Our Workhorse Models	99
	5. Democracy and Political Equality	113
	6. Conclusion	117
5.	Nondemocratic Politics	118
	1. Introduction	118
	2. Power and Constraints in Nondemocratic Politics	120
	3. Modeling Preferences and Constraints in Nondemocracies	128
	4. Commitment Problems	133
	5. A Simple Game of Promises	144
	6. A Dynamic Model	151
	7. Incentive-Compatible Promises	161
	8. Conclusion	171
	PART THREE. THE CREATION AND CONSOLIDATION	
	OF DEMOCRACY	
6.	Democratization	173
	1. Introduction	173
	2. The Role of Political Institutions	173
	3. Preferences over Political Institutions	176
	4. Political Power and Institutions	177
	5. A Static Model of Democratization	181
	6. Democratization or Repression?	186
	7. A Dynamic Model of Democratization	193
	8. Subgame Perfect Equilibria	201
	9. Alternative Political Identities	203
	10. Targeted Transfers	207
	11. Power of the Elites in Democracy	207
	12. Ideological Preferences over Regimes	211
	13. Democratization in a Picture	214
	14. Equilibrium Revolutions	215
	15. Conclusion	218
7.	Coups and Consolidation	221
	1. Introduction	221
	2. Incentives for Coups	224
	3. A Static Model of Coups	225
	4. A Dynamic Model of the Creation and Consolidation of Democracy	231
	5. Alternative Political Identities	245
	6. Targeted Transfers	246

	Contents	ix
	7. Power in Democracy and Coups	247
	8. Consolidation in a Picture	249
	9. Defensive Coups	250
	10. Conclusion	252
	PART FOUR. PUTTING THE MODELS TO WORK	
8.	The Role of the Middle Class	253
	1. Introduction	253
	2. The Three-Class Model	259
	3. Emergence of Partial Democracy	262
	4. From Partial to Full Democracy	267
	5. Repression: The Middle Class as a Buffer	274
	6. Repression: Softliners versus Hardliners	278
	7. The Role of the Middle Class in Consolidating Democracy	283
	8. Conclusion	285
9.	Economic Structure and Democracy	287
	1. Introduction	287
	2. Economic Structure and Income Distribution	290
	3. Political Conflict	292
	4. <i>Capital, Land, and the Transition to Democracy</i>	293
	5. Costs of Coup on Capital and Land	296
	6. Capital, Land, and the Burden of Democracy	300
	7. Conflict between Landowners and Industrialists	307
	8. Industrialists, Landowners, and Democracy in Practice	312
	9. Economic Institutions	313
	10. Human Capital	316
	 Conjectures about Political Development Conclusion 	317 319
		519
10.	Globalization and Democracy	321
	1. Introduction	321
	2. A Model of an Open Economy	325
	3. Political Conflict – Democratic Consolidation	331
	4. Political Conflict – Transition to Democracy	334
	5. Financial Integration	338
	6. Increased Political Integration	344
	 Alternative Assumptions about the Nature of International Trade Conclusion 	345 348
	PART FIVE. CONCLUSIONS AND THE FUTURE OF DEMOCRACY	
11.	Conclusions and the Future of Democracy	349
	1. Paths of Political Development Revisited	349
	2. Extensions and Areas for Future Research	355

3. The Future of Democracy

358

x Contents	
PART SIX. APPENDIX	
12. Appendix to Chapter 4: The Distribution of Power in Democracy	361
1. Introduction	361
2. Probabilistic Voting Models	361
3. Lobbying	367
4. Partisan Politics and Political Capture	373
Bibliography	381
Index	401

Preface

A fundamental question in political science and political economy is which factors determine the institutions of collective decision making (i.e., the "political institutions"). In tackling this question, a natural initial distinction is between democratic and nondemocratic institutions. Why is it that some countries are democracies, where there are regular and free elections and politicians are accountable to citizens, whereas other countries are not?

There are a number of salient empirical patterns and puzzles relevant to answering this question. For instance, while the United States moved very early toward universal white male suffrage, which was attained by the early 1820s by northern and western states and by the late 1840s for all states in the Union, such a pattern was not universal in the Americas. Elsewhere, republican institutions with regular elections were the norm after countries gained independence from colonial powers such as Spain and Portugal, but suffrage restrictions and electoral corruption were much more important. The first Latin American countries to implement effective, relatively noncorrupt universal male suffrage were Argentina and Uruguay in 1912 and 1919, respectively, but others, such as El Salvador and Paraguay, did not do so until the 1990s – almost a century and a half after the United States.

Not only is there great variation in the timing of democratization, there also are significant qualitative differences in the form that political development took. Democracy was created, at least for white males, with relatively little conflict in the United States and some Latin America countries, such as Costa Rica. In other places, however, democracy was often strenuously opposed and political elites instead engaged in mass repression to avoid having to share political power. In some cases, such as El Salvador, repression was ultimately abandoned and elites conceded democracy. In others, such as Cuba and Nicaragua, elites fought to the bitter end and were swept away by revolutions.

Once created, democracy does not necessarily consolidate. Although the United States experienced a gradual movement toward democracy with no reverses, a pattern shared by many Western European countries such as Britain and Sweden, xii

Preface

democracy in other countries fell to coups. Argentina is perhaps the most extreme example of this: the political regime switched backwards and forwards between democracy and nondemocracy throughout most of the twentieth century.

What determines whether a country is a democracy? Which factors can explain the patterns of democratization we observe? Why did the United States attain universal male suffrage more than a century before many Latin American countries? Why, once created, did democracy persist and consolidate in some countries, such as Britain, Sweden, and the United States, and collapse in others, such as Argentina, Brazil, and Chile?

In this book, we propose a framework for analyzing the creation and consolidation of democracy that we use to provide tentative answers to some of these questions.

The framework has the following three fundamental building blocks:

- 1. Our approach is "economic-based" in the sense that we stress individual economic incentives as determining political attitudes, and we assume people behave strategically in the sense of game theory.
- 2. We emphasize the fundamental importance of conflict. Different groups, sometimes social classes, have opposing interests over political outcomes, and these translate into opposing interests over the form of political institutions, which determine the political outcomes.
- 3. Political institutions play a central role in solving problems of commitment by affecting the future distribution of *de jure* political power.

To starkly illustrate our framework, consider a society in which there are two groups: an elite and the citizens. Nondemocracy is rule by the elite; democracy is rule by the more numerous groups who constitute the majority – in this case, the citizens. In nondemocracy, the elite get the policies it wants; in democracy, the citizens have more power to get what they want. Because the elite loses under democracy, it naturally has an incentive to oppose or subvert it; yet, most democracies arise when they are created by the elite.

Why does a nondemocratic elite ever democratize? Since democracy will bring a shift of power in favor of the citizens, why would the elite ever create such a set of institutions? We argue that this only occurs because the disenfranchised citizens can threaten the elite and force it to make concessions. These threats can take the form of strikes, demonstrations, riots, and – in the limit – a revolution. Because these actions impose costs on the elite, it will try to prevent them. It can do so by making concessions, by using repression to stop social unrest and revolution, or by giving away its political power and democratizing. Nevertheless, repression is often sufficiently costly that it is not an attractive option for elites. Concessions may take several forms – particularly policies that are preferred by the citizens, such as asset or income redistribution – and are likely to be less costly for the elite than conceding democracy.

Preface

The key to the emergence of democracy is the observation that because policy concessions keep political power in the hands of the elite, there is no guarantee that it will not renege on its promises. Imagine that there is a relatively transitory situation in which it is advantageous for the citizens to contest power. Such a situation may arise because of wars or shocks to the economy, such as a harvest failure, a collapse in the terms of trade, or a depression. If repression is too costly, the elite would like to buy off the citizens with promises of policy concessions – for example, income redistribution. However, by its very nature, the window of opportunity for contesting power is transitory and will disappear in the future, and it will be relatively easy for the elite to renege on any promises it makes. Anticipating this, the citizens may be unsatisfied with the offer of policy concessions under unchanged political institutions and may choose to revolt.

In our framework, the key problem is that the politically powerful cannot necessarily commit to future policy decisions unless they reduce their political power. Democracy then arises as a credible commitment to pro-citizen policies (e.g., high taxation) by transferring political power between groups (from the elite to the citizens). Democratization is more of a credible commitment than mere promises because it is associated with a set of institutions and greater involvement by the citizens and is therefore more difficult to reverse. The elite must democratize – create a credible commitment to future majoritarian policies – if it wishes to avoid more radical outcomes.

The logic underlying coups against democracy is similar to that underlying democratizations. In democracy, minority groups (e.g., various types of elites) may have an incentive to mount a coup and create a set of more preferable institutions. Yet, if there is a coup threat, why cannot democracy be defended by offering concessions? Democrats will certainly try to do this, but the issue of credibility is again central. If the threat of a coup is transitory, then promises to make policies less pro-majority may not be credible. The only way to credibly change policies is to change the distribution of political power, and this can only be achieved by institutional change – a coup or, more generally, transition to a less democratic regime.

The main contribution of our book is to offer a unified framework for understanding the creation and consolidation of democracy. This framework, in particular, highlights why a change in political institutions is fundamentally different from policy concessions within the context of a nondemocratic regime. An important by-product of this framework is a relatively rich set of implications about the circumstances under which democracy arises and persists. Our framework emphasizes that democracy is more likely to be created:

• when there is sufficient social unrest in a nondemocratic regime that cannot be defused by limited concessions and promises of pro-citizen policies. Whether or not this is so, in turn, depends on the living conditions of the citizens in non-democracy, the strength of civil society, the nature of the collective-action problem facing the citizens in a nondemocracy, and the details of nondemocratic

xiv

Preface

political institutions that determine what types of promises by the elite could be credible; and

• when the costs of democracy anticipated by the elite are limited, so that it is not tempted to use repression to deal with the discontent of the citizens under the nondemocratic regime. These costs may be high when inequality is high, when the assets of the elite can be taxed or redistributed easily, when the elite has a lot to lose from a change in economic institutions, and when it is not possible to manipulate the form of the nascent democratic institutions to limit the extent to which democracy is inimical to the interests of the elite.

Similarly, these factors also influence whether, once created, democracy is likely to survive. For example, greater inequality, greater importance of land and other easily taxable assets in the portfolio of the elite, and the absence of democratic institutions that can avoid extreme populist policies are more likely to destabilize democracy.

Beyond these comparative static results, our hope is that the framework we present here is both sufficiently rich and tractable that others can use parts of it to address new questions and generate other comparative statics related to democracy and other political institutions.

The topics we address in this book are at the heart of political science, particularly comparative politics, and of political economy. Nevertheless, the questions we ask are rarely addressed using the type of formal models that we use in this book. We believe that there is a huge payoff to developing the types of analyses that we propose in this book and, to that end, we have tried to make the exposition both simple and readable, as well as accessible to scholars and graduate students in political science. To make the book as self-contained as possible, in Chapter 4 we added an introductory treatment of the approaches to modeling democratic politics that we use in the analysis. Although the analysis is of most direct interest and generally accessible to political scientists, we hope that there is a lot of material useful for advanced undergraduates, graduate students, and academics in economics interested in political economy. In fact, one of the authors has taught parts of this book in a graduate-level economics course.

The main prerequisite for following the entire content of the book is a knowledge of basic ideas from complete information game theory at the level of Gibbons (1992). Nevertheless, we have designed the first two chapters to be a generally comprehensible and nonmathematical exposition of the questions we address and the answers we propose.

In writing this book, we incurred many debts. During the eight-year period that we worked on these topics, we gave many seminars on our research from Singapore to Mauritius, from Oslo to Buenos Aires and Bogotá. Many scholars made suggestions and gave us invaluable ideas and leads, and we apologize for not being able to remember all of them. However, we would like to mention several scholars whose unflagging enthusiasm for this research greatly encouraged us at

Preface

an early stage: Ruth Collier, Peter Lindert, Karl Ove Moene, Kenneth Sokoloff, and Michael Wallerstein. Particular mention should go to Robert Powell, not only for his enthusiasm and encouragement but also for the intellectual support he has shown us over the years. We would particularly like to thank James Alt for organizing a four-day "meet the authors" conference at the Center for Basic Research in the Social Sciences at Harvard in January 2003. The conference not only forced us to produce a draft, it also gave us invaluable feedback and new energy and ideas. Robert Bates suggested that we change the word *political* to *economic* in the title of the book, and he also suggested the format for Chapter 1. Grigore Pop-Eleches suggested the use of diagrams to convey the main comparative statics of the book and also provided many detailed comments.

In addition to the ideas and comments of these people, we received many useful suggestions from the other participants, including Scott Ashworth, Ernesto Calvo, Alberto Diaz-Cayeros, David Epstein, John Huber, Michael Hiscox, Torben Iverson, Sharyn O'Halloran, Jonathan Rodden, Kenneth Shepsle, and Andrea Vindigni. We also received useful feedback and suggestions from students at Berkeley and the University of the Andes in Bogotá, including Taylor Boas, Mauricio Benitez-Iturbe, Thad Dunning, Leopoldo Fergusson, Maiah Jakowski, Sebastián Mazzuca, and Pablo Querubín. Several friends and students also read large portions of the manuscript and gave us invaluable comments and feedback: Alexandre Debs, Thad Dunning, Scott Gehlbach, Tarek Hassan, Ruben Höpfer, Michael Spagat, Juan Fernando Vargas, Tianxi Wang, and Pierre Yared. We would also like to thank Timothy Besley, Joan Esteban, Dominic Lieven, Debraj Ray, Stergios Skaperdas, and Ragnar Torvik for their comments. We are grateful to Ernesto Calvo for providing the historical data on income distribution in Argentina that appears in Chapter 3 and to Peter Lindert for his help with the British data on inequality. Alexandre Debs, Leopoldo Fergusson, Pablo Querubín, and Pierre Yared also provided invaluable research assistance.